

**DRAFT FIRST AMENDMENT TO CONSULTANT SERVICES AGREEMENT BETWEEN
CITY OF SUNNYVALE AND THE COVELLO GROUP, INC.,
FOR WATER POLLUTION CONTROL PLANT CONSTRUCTION MANAGEMENT
SERVICES**

This First Amendment to Consultant Services Agreement, dated _____, is by and between the CITY OF SUNNYVALE, a municipal corporation ("CITY"), and THE COVELLO GROUP, INC. ("CONSULTANT").

WHEREAS, on May 6, 2015, CITY and CONSULTANT entered into a Consultant Services Agreement to provide services necessary for investigation, analysis, contract specifications, consultation, services during construction and other services for a project known as Water Pollution Control Plant Construction Management Services; and

WHEREAS, the parties now agree that an Amendment to said Agreement is advisable;

NOW, THEREFORE, THE PARTIES ENTER INTO THIS FIRST AMENDMENT TO CONSULTANT SERVICES AGREEMENT:

1. Services by CONSULTANT

Replace the first paragraph with the following:

CONSULTANT shall provide services in accordance with Exhibit "A" entitled "Scope of Work" and Exhibit "A-1" entitled "Additional Scope of Work". All exhibits referenced in this Agreement are attached hereto and are incorporated herein by reference. To accomplish that end, CONSULTANT agrees to assign Bruce Presser, PE, to this project, to act in the capacity of Project Manager and personally direct the professional services to be provided by CONSULTANT.

2. Notice to Proceed/Completion of Services

Replace paragraph (b) with the following:

(b) When CITY determines that CONSULTANT has satisfactorily completed the services defined in Exhibit "A" and Exhibit "A-1," CITY shall give CONSULTANT written Notice of Final Acceptance, and CONSULTANT shall not incur any further costs hereunder. CONSULTANT may request this determination of completion when, in its opinion, it has satisfactorily completed the Scope of Work (Exhibit "A") and Additional Scope of Work (Exhibit "A-1"), and if so requested, CITY shall make this determination within fourteen (14) days of such request.

3. Time for Performance

Replace this section with the following:

The term of this Agreement will be from contract execution through the duration of the construction of the Primary Treatment Facility Project, through the completion of the pre-construction activities for the Administration and Laboratory Building, or through the completion of the pre-construction activities for the Secondary Treatment and Dewatering Project, whichever comes later, unless otherwise terminated. CONSULTANT shall deliver the agreed upon services to CITY as

specified in Exhibits "A" and "A-1".

4. Payment of Fees and Expenses

Replace the paragraph with the following:

Payments shall be made to CONSULTANT on a monthly basis as set forth in the attached Exhibit "B" entitled "Compensation Schedule" and Exhibit "B-1" entitled "Additional Compensation Schedule." All compensation will be based on monthly billings as provided in Exhibit "B" and Exhibit "B-1." Compensation will not be due until said detailed billing is submitted to CITY within a reasonable time before payment is expected to allow for normal CITY processing. An estimate of the percent of total completion associated with the various categories of the services shall be furnished by CONSULTANT with said billing. When applicable, copies of pertinent financial records will be included with the submission of billing(s) for all direct reimbursables. Compensation shall not exceed the amounts set forth in Exhibit "B" and Exhibit "B-1" for each phase. In no event shall the total amount of compensation payable under this agreement exceed the sum of Eight Million Six Hundred Sixty Five Thousand Six Hundred Thirty Two and No/100 Dollars (\$8,665,632.00) unless upon written modification of this Agreement. All invoices, including detailed backup, shall be sent to City of Sunnyvale, attention Accounts Payable, P.O. Box 3707, Sunnyvale, CA 94088-3707.

17. Notices

Replace the first paragraph with the following:

All notices required by this Agreement, other than invoices for payment which shall be sent directly to Accounts Payable, shall be in writing, and shall be personally delivered, sent by first class with postage prepaid, or sent by commercial courier, addressed as follows:

To CITY: Jennifer Ng, Interim City Engineer
Department of Public Works
CITY OF SUNNYVALE
P. O. Box 3707
Sunnyvale, CA 94088-3707

To CONSULTANT: The Covello Group, Inc.
Attn: Bruce Presser, PE
1660 Olympic Boulevard, Suite 300
Walnut Creek, CA 94596

All other terms and conditions remain unchanged.

IN WITNESS WHEREOF, the parties have executed this Agreement Amendment.

ATTEST:

CITY OF SUNNYVALE ("CITY")

By _____
City Clerk

By _____
City Manager

THE COVELLO GROUP, INC.
("CONSULTANT")

By _____

APPROVED AS TO FORM:

Name/Title

City Attorney

By _____

Name/Title

**EXHIBIT A-1
CITY OF SUNNYVALE
WATER POLLUTION CONTROL PLANT
SECONDARY TREATMENT AND DEWATERING
ADMINISTRATION AND LABORATORY BUILDING
THE COVELLO GROUP, INC. – PRECONSTRUCTION PHASE
ADDITIONAL SCOPE OF WORK**

I. GENERAL

This scope of work provides Preconstruction and Bid Period services for the Secondary Treatment and Dewatering Project (Secondary Treatment) and the Administration and Laboratory Building Project (Administration Building) at the Water Pollution Control Plant (WPCP) for the City of Sunnyvale, California. The Covello Group will serve as the City's Construction Management Consultant (CMC) for this work.

The City expects the CMC to be a focal point for construction oversight of the facility reconstruction process, including the coordination of contractors retained by the City to construct the WPCP projects over multiple years. The CMC shall be responsible for providing various services that include biddability reviews, constructability reviews, construction management, commissioning coordination, construction schedule and budget controls, site safety plan and implementation, records management, public outreach support, coordinating the integration of automation and controls systems for various projects included in the program, multi discipline inspection, and materials testing. The CMC's role is to help the City achieve its goals for construction projects through the following:

- Continuous compliance with the WPCP's water quality requirements throughout construction, commissioning, and start up
- Construction of state-of-the-art wastewater treatment facilities that are energy efficient, safe, environmentally friendly, low maintenance, and cost-effective
- Completion of construction contracts on time and within budget
- Effective management of construction services to ensure high quality, cost-effective, results-oriented services are provided to the City
- Production of high quality plans and specifications for construction projects that minimize the City's exposure to delays, claims and cost overruns
- Effective communication and decision making by the CMC, consultants, contractors, City staff and elected officials during construction
- Construction management services for all the projects included in the program
- Utilization of the program's Records Management System
- Planning, management and controls of the overall construction budgets and schedules
- Planning and management of regulatory and environmental compliance items during Construction
- Public outreach during construction
- Coordination of commissioning services during construction for all the projects included in the program
- Coordinating the integration of automation and controls systems during construction for all projects included in the program

This scope of work initially covers the Preconstruction and Bid Period services for the CMC's work for the Secondary Treatment and Administration Building Projects. As the designs have not been developed at this time, the Construction Management services during the Construction Phase will be negotiated under a separate contract amendment(s) when the designs are nearing completion.

II. PRECONSTRUCTION PERIOD

1. Design Information Memorandums (DIM)

- a. Covello will participate in the Workshops and review of the following DIMs. Covello will provide written comments following the review of each DIM.
- b. Secondary Treatment Project
 1. DIM No. 14 – Sequencing and Site Layout
 2. DIM No. 18 – Perimeter Wall (Optional): This task is optional and dependent on City's determination if the southern portion of the perimeter wall is constructed in this Project.
- c. Administration Building Project
 1. DIM No. 1 – Sequencing and Site Layout
 2. DIM No. 3 – Foundation Design and Landfill Gas Monitoring

2. Constructability Reviews

- a. Constructability reviews will be performed for the 30%, 60%, 90% and 100% design packages for each project.
- b. Secondary Treatment: The 30% and 60% design packages will be split up into three packages with separate submittals, reviews and review meetings; one for liquids facilities, one for solids facilities, and one for site support facilities.
- c. Constructability Review: Covello will conduct Constructability Reviews for each project and design level package identified above and provide comments on the Plans and Specifications for the following:
 1. Conflicts, omissions, and ambiguities between the plans and specifications.
 2. Completeness of the bidding documents.
 3. Coordination between the design disciplines.
 4. Constructability of the project's facilities.
 5. Potential claim areas based on Covello's experience with this type of work.
 6. Plant operations access and operational considerations during construction and after construction during normal operations.
 7. Contractor Qualifications: Covello will provide recommendation on Contractor's, I&C Integration Subcontractor's, and Electrical Subcontractor's experience for inclusion in the Bid Documents.
 8. Sequence & Constraints: Covello will review and provide comments on the construction sequencing, constraints and shutdowns initially developed by the City/Design Consultant (DC).
 9. Startup & Testing: Covello will review and provide comments on the project startup and testing requirements initially developed by the City/DC.
 10. Quality Control Testing: Covello will review and assist with developing the Contractors' Quality Control (QC) testing and inspection requirements and Covello's Quality Assurance (QA) role.
 11. Covello will confirm that site logistical issues have been addressed including Contractor parking, staging, laydown and storage areas, and ingress/egress for construction and plant operations.

12. Covello will review and provide comments on the Contractors' responsibilities relative to permit requirements including the Mitigation and Monitoring Reporting Program (MMRP).
13. Review of the electrical and instrumentation specifications and drawings will primarily be provided by Todd Beecher, Beecher Engineering.
14. Review of the geotechnical aspects of the project will primarily be provided by Dave Mathy, DCM Consulting.

The Constructability Review will not include a comprehensive review of all technical specifications or plans but will concentrate on the areas where our past experience has shown the greatest potential for value is generally found. The review will not include a review for building code compliance, design peer review, design plan check or value engineering. The main purpose of a constructability review is to mitigate potential costly problems and changes during construction. The review can reduce and minimize contractual disputes that often arise during the actual construction of the project.

- d. Review Comments: Four weeks are allotted for review of each design package/phase. Detailed written review comments will be provided electronically. Review comments will include plan number and specification number, comment and/or suggestion, Covello reviewer, space for designer's response, weighted system (critical, general or editorial), and space for including follow-up notes.
- e. City/Design Consultant Response: Covello requests that the City/DC provide written response to Covello's review comments. Covello will review responses to determine if the comments have been adequately incorporated in the documents.
- f. Review Meeting: Covello will meet with the City and DC to review the findings of each of our reviews. Covello will review all meeting record of discussions and confirm that comments/discussions have been accurately captured.

3. Geotechnical Report

- a. Covello will review the Draft and Final Geotechnical Reports.

4. Forecast Schedule

- a. Schedule: Covello will review and provide additional details if necessary to the forecast schedules prepared by the DC. Covello's forecast schedule review will assess whether the construction duration (Contract Period) is reasonable and with the incorporation of any possible milestones into the Construction Contract(s).
- b. Weather Days: Covello will provide recommendations for allowable weather days for the construction Contract(s).
- c. Liquidated Damages: Covello will provide recommendations for liquidated damages for Substantial Completion and milestones for the construction Contract(s).

5. Team and Design Meetings/Project Coordination

- a. Covello will attend design and team meetings as necessary.
- b. Covello will be available for project coordination, communication, and to provide technical expertise as necessary for construction decisions during design.

6. Site Safety Plan

- a. Covello will meet and coordinate with City, DC and PMC (Program Management Consultant) to review requirements for development of the Site Safety Plan. Covello will develop the Site Safety Plan that will be included in the Contract Documents for each Project Package. The Site Safety Plan is anticipated to summarize and familiarize the Contractors with the existing Site Safety Plan/Requirements and to define safety requirements that the Contractor must implement; including site access for all personnel entering the site through the duration of construction. This Safety Plan will also define safety-related interfaces between Contractors and the plant operations. This is not to be a detailed Cal/OSHA-level safety plan.

7. Front End Specifications

- a. Covello will update and tailor the front-end specifications using the base documents previously provided by Covello. The DC will complete the general formatting of the documents (margins, headers, footers, page numbers, etc) and manage the updates/revisions to be consistent with the overall project requirements for each submittal package.

8. Equipment Procurement

- a. Secondary Treatment Project - Upfront Equipment Procurement Assistance: Covello will review documentation and assist the City and PMC with upfront equipment procurement documents as necessary. The PMC will take the lead with developing the procurement documents and negotiating with the equipment vendors. It is anticipated that five such equipment packages may be developed by the DC/ PMC.

III. BID PERIOD

1. Bid Advertising

- a. The City will manage the advertisement and issuance of the bid packages to the Contractors.
- b. The City will manage the distribution of bid documents to plan holders and maintain the plan holders list.

2. Prebid Meeting

- a. Covello will attend the prebid meeting.
- b. City will facilitate the meeting.

3. Addendum

- a. DC will review Bidders' questions and prepare addenda.
- b. Covello will assist with review of addenda, prior to issuance, as requested by the City.
- c. DC and City will manage the fielding of questions from Bidders and issuance of addenda.

4. Bid Review: Covello will assist the City with evaluating and reviewing the bid proposals for completeness, alternate prices and unit prices (if applicable), and determining the lowest responsive, responsible bidder. DC will provide review assistance for technical considerations such as named equipment manufacturers.

5. Insurance and Bond Coordination: The City will review the Contractor's bonds and evidence of insurance and coordinate resolution of comments and/or non-compliance with the Contractor. Covello will assist with this effort as requested by the City.

6. Notice to Proceed: The City will prepare and issue the Notice to Proceed.

IV. SECONDARY TREATMENT PROJECT - SECOND BID PACKAGE (Optional)

- 1. Design Determination:** The City will determine if a second bid package will be developed. If there is a second bid package, the DC will prepare separate design deliverables to include 30%, 60%, 90%, and 100% plans, specifications, construction schedules and cost estimates for each construction contract. The first bid package will consist of the following elements: Secondary Treatment Improvements – Split Flow CAS Stage 1, Maintenance Building, 12 kV Electrical Distribution System – Stage 2 (Optional), and ACS (SCADA System) Improvements – Stage 2 (Optional). The second bid package will include the Digester Supernatant PS and Drainage Piping and Thickening and Dewatering Facility – Stage 1 elements of the Project. Exhibit B.1 provides the staffing and budget estimate for a single bid package. Exhibit B.2 provides the staffing and budget estimate for two bid packages.
- 2. CMC Scope:** If there is a second bid package, Covello will provide the above referenced II-Preconstruction Period and III-Bid Period scope of services for this additional Project.

EXHIBIT B-1

Additional Compensation Schedule

CITY OF SUNNYVALE - WATER POLLUTION CONTROL PLANT

SECONDARY TREATMENT & DEWATERING

PRECONSTRUCTION PERIOD SERVICES

THE COVELLO GROUP, INC. - STAFF EFFORT AND BUDGET ESTIMATE

December 4, 2017

ACTIVITY DESCRIPTION	TOTAL
B.1 - Secondary Treatment and Dewatering Combined	\$ 353,339
OPTIONAL B.2A - Secondary Treatment Standalone	\$ 294,819
OPTIONAL B.2B - Thickening and Dewatering Standalone	\$ 150,251
B.3 - Administration and Laboratory Building	\$ 169,442
BASE Secondary Treatment and Dewatering Combined and Administration and Lab Building	\$ 522,781
Subtotal for 2 Separate Projects	\$ 445,070
B.2A and B.2B TOTAL OPTIONAL SERVICES ADD (Separate Projects - Combined)	\$ 91,731
TOTAL CONTRACT AMEDNMENT with OPTIONAL SERVICES	\$ 614,512

B.1
CITY OF SUNNYVALE - WATER POLLUTION CONTROL PLANT
SECONDARY TREATMENT & DEWATERING
PRECONSTRUCTION PERIOD SERVICES
THE COVELLO GROUP, INC. - STAFF EFFORT AND BUDGET ESTIMATE
December 4, 2017

	B.Presser (PIC/PM)	M.Redig (CM)	D.Green (Asst CM)	Discipline Specialists	Subconsultants		TOTAL
					D. Mathy (Geotech)	T. Beecher (Elec)	
FY 17/18 Billing Rate	\$ 244	\$ 175	\$ 151	\$ 200	\$ 223	\$ 180	
FY 18/19 Billing Rate	\$ 251	\$ 180	\$ 156	\$ 206	\$ 230	\$ 185	
FY 19/20 Billing Rate	\$ 259	\$ 186	\$ 160	\$ 212	\$ 237	\$ 191	
FY 20/21 Billing Rate	\$ 267	\$ 191	\$ 165	\$ 219	\$ 244	\$ 197	
FY 21/22 Billing Rate	\$ 275	\$ 197	\$ 170	\$ 225	\$ 251	\$ 203	
ACTIVITY DESCRIPTION	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)
1. DIM No. 14 - Sequencing and Site Layout							
a. DIM No. 14 Review	8	12	8	0	0	0	28
b. Workshop 14	6	6	6	0	0	0	18
Subtotal Hours	14	18	14	0	0	0	46
Total Task 1 - FY18/19	\$ 3,518	\$ 3,245	\$ 2,177	\$ -			\$ 8,940
2. DIM No. 18 - Perimeter Wall (Optional)							
a. DIM No. 18 Review	6	8	8	0	0	0	22
b. Workshop 18	4	4	4	0	0	0	12
Subtotal Hours	10	12	12	0	0	0	34
Total Task 2 - FY 18/19	\$ 2,513	\$ 2,163	\$ 1,866	\$ -			\$ 6,543
3. 30% Project Review (3- Packages)							
a. 30% Project Review (12 hrs/ea)	24	36	36	0	0	16	112
b. Review Meetings (4 hrs/ea)	12	12	12	0	0	0	36
Subtotal Hours	36	48	48	0	0	16	148
Subtotal Covello Cost - FY18/19	\$ 9,048	\$ 8,652	\$ 7,465	\$ -			\$ 25,165
Subtotal Subconsultant					\$ -	\$ 2,966	\$ 2,966
5% Markup					\$ -	\$ 148	\$ 148
Total Task 3							\$ 28,280
4. 60% Constructability Review (3 - Packages)							
a. 60% Constructability Review (20 hrs/ea)	45	60	60	24	16	40	245
b. Review Meetings (6 hrs/ea)	18	18	18	0	2	4	60
Subtotal Hours	63	78	78	24	18	44	305
Subtotal Covello Cost - FY 18/19	\$ 15,833	\$ 14,060	\$ 12,131	\$ 4,944			\$ 46,968
Subtotal Subconsultant					\$ 4,134	\$ 8,158	\$ 12,292
5% Markup					\$ 207	\$ 408	\$ 615
Total Task 4							\$ 59,875
5. 90% Constructability Review							
a. 90% Constructability Review	60	80	80	80	24	64	388
b. Review Meetings	20	20	20	0	4	4	68
Subtotal Hours	80	100	100	80	28	68	456
Subtotal Covello Cost - FY 19/20	\$ 20,709	\$ 18,566	\$ 16,020	\$ 16,974			\$ 72,269
Subtotal Subconsultant					\$ 6,624	\$ 12,985	\$ 19,610
5% Markup					\$ 331	\$ 649	\$ 980
Total Task 5							\$ 92,859
6. 100% Constructability Review							
a. 100% Constructability Review	30	60	60	40	8	40	238
b. Review Meeting	12	12	12	0	0	4	40
Subtotal Hours	42	72	72	40	8	44	278
Subtotal Covello Cost - FY 19/20	\$ 10,872	\$ 13,367	\$ 11,534	\$ 8,487			\$ 44,261
Subtotal Subconsultant					\$ 1,893	\$ 8,402	\$ 10,295
5% Markup					\$ 95	\$ 420	\$ 515
Total Task 6							\$ 55,070
7. Geotechnical Report Review							
a. Draft Report Review	4	8	8	0	16	0	36
b. Final Report Review	4	8	8	0	16	0	36
Subtotal Hours	8	16	16	0	32	0	72
Subtotal Covello Cost - FY18/19	\$ 2,011	\$ 2,884	\$ 2,488	\$ -			\$ 7,383
Subtotal Subconsultant					\$ 7,350	\$ -	\$ 7,350
5% Markup					\$ 368	\$ -	\$ 368
Total Task 7							\$ 15,101
8. Forecast Schedule Review - LDs / WDs	4	20	20	0	0	0	44
Total Task 8 - FY19/20	\$ 1,035	\$ 3,713	\$ 3,204	\$ -	\$ -	\$ -	\$ 7,953
9. Team Meetings/Project Coordination	40	60	40	0	0	0	140
Total Task 9 - FY19/20	\$ 10,354	\$ 11,139	\$ 6,408	\$ -	\$ -	\$ -	\$ 27,902
10. Front-End Specification Review	8	20	40	0	0	0	68
Total Task 10 - FY19/20	\$ 2,071	\$ 3,713	\$ 6,408	\$ -	\$ -	\$ -	\$ 12,192
11. Equipment Procurement Assistance	4	60	4	0	0	0	68
Assume 5 packages (12 hrs/package)							
Total Task 11 - FY19/20	\$ 1,035	\$ 11,139	\$ 641	\$ -	\$ -	\$ -	\$ 12,816
12. Bid Period Assistance	30	50	50	0	0	0	130
Total Task 12 - FY20/21	\$ 7,999	\$ 9,561	\$ 8,250	\$ -	\$ -	\$ -	\$ 25,810
TOTAL - Precon Period Services (Hours)	339	554	494	144	86	172	1,789
SUBTOTAL - Precon Period Services (Budget)							\$ 353,339

1. Escalation estimate is based on an approximate 3% billing rate adjustment each fiscal year; starting on July 1, 2018
2. Fiscal year for each task is assumed based on Carollo schedule dated 10/9/17

B.2A
CITY OF SUNNYVALE - WATER POLLUTION CONTROL PLANT
SECONDARY TREATMENT
PRECONSTRUCTION PERIOD SERVICES
THE COVELLO GROUP, INC. - STAFF EFFORT AND BUDGET ESTIMATE
12/0417

	B.Presser (PIC/PM)	M.Redig (CM)	D.Green (Asst CM)	Discipline Specialists	Subconsultants		TOTAL
					D. Mathy (Geotech)	T. Beecher (Elec)	
FY 17/18 Billing Rate	\$ 244	\$ 175	\$ 151	\$ 200	\$ 223	\$ 180	
FY 18/19 Billing Rate	\$ 251	\$ 180	\$ 156	\$ 206	\$ 230	\$ 185	
FY 19/20 Billing Rate	\$ 259	\$ 186	\$ 160	\$ 212	\$ 237	\$ 191	
FY 20/21 Billing Rate	\$ 267	\$ 191	\$ 165	\$ 219	\$ 244	\$ 197	
FY 21/22 Billing Rate	\$ 275	\$ 197	\$ 170	\$ 225	\$ 251	\$ 203	
ACTIVITY DESCRIPTION	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)
1. DIM No. 14 - Sequencing and Site Layout							
a. DIM No. 14 Review	8	12	8	0	0	0	28
b. Workshop 14	6	6	6	0	0	0	18
Subtotal Hours	14	18	14	0	0	0	46
Total Task 1 - FY18/19	\$ 3,518	\$ 3,245	\$ 2,177	\$ -			\$ 8,940
2. DIM No. 18 - Perimeter Wall (Optional)							
a. DIM No. 18 Review	6	8	8	0	0	0	22
b. Workshop 18	4	4	4	0	0	0	12
Subtotal Hours	10	12	12	0	0	0	34
Total Task 2 - FY 18/19	\$ 2,513	\$ 2,163	\$ 1,866	\$ -			\$ 6,543
3. 30% Project Review (3- Packages)							
a. 30% Project Review (10 hrs/ea)	21	30	30	0	0	12	93
b. Review Meetings (4 hrs/ea)	12	12	12	0	0	0	36
Subtotal Hours	33	42	42	0	0	12	129
Subtotal Covello Cost - FY18/19	\$ 8,294	\$ 7,571	\$ 6,532	\$ -			\$ 22,396
Subtotal Subconsultant					\$ -	\$ 2,225	\$ 2,225
5% Markup					\$ -	\$ 111	\$ 111
Total Task 3							\$ 24,732
4. 60% Constructability Review (3 - Packages)							
a. 60% Constructability Review (18 hrs/ea)	36	54	54	18	12	32	206
b. Review Meetings (5 hrs/ea)	12	15	15	0	2	4	48
Subtotal Hours	48	69	69	18	14	36	254
Subtotal Covello Cost - FY 18/19	\$ 12,063	\$ 12,437	\$ 10,732	\$ 3,708			\$ 38,940
Subtotal Subconsultant					\$ 3,216	\$ 6,674	\$ 9,890
5% Markup					\$ 161	\$ 334	\$ 495
Total Task 4							\$ 49,325
5. 90% Constructability Review							
a. 90% Constructability Review	48	64	64	64	16	50	306
b. Review Meetings	16	16	16	0	4	4	56
Subtotal Hours	64	80	80	64	20	54	362
Subtotal Covello Cost - FY 19/20	\$ 16,567	\$ 14,853	\$ 12,816	\$ 13,580			\$ 57,815
Subtotal Subconsultant					\$ 4,732	\$ 10,312	\$ 15,044
5% Markup					\$ 237	\$ 516	\$ 752
Total Task 5							\$ 73,611
6. 100% Constructability Review							
a. 100% Constructability Review	30	54	54	40	8	32	218
b. Review Meetings	8	8	8	0	0	4	28
Subtotal Hours	38	62	62	40	8	36	246
Subtotal Covello Cost - FY 19/20	\$ 9,837	\$ 11,511	\$ 9,932	\$ 8,487			\$ 39,767
Subtotal Subconsultant					\$ 1,893	\$ 6,875	\$ 8,767
5% Markup					\$ 95	\$ 344	\$ 438
Total Task 6							\$ 48,972
7. Geotechnical Report Review							
a. Draft Report Review	4	8	8	0	16	0	36
b. Final Report Review	4	8	8	0	16	0	36
Subtotal Hours	8	16	16	0	32	0	72
Subtotal Covello Cost - FY18/19	\$ 2,011	\$ 2,884	\$ 2,488	\$ -			\$ 7,383
Subtotal Subconsultant					\$ 7,350	\$ -	\$ 7,350
5% Markup					\$ 368	\$ -	\$ 368
Total Task 7							\$ 15,101
8. Forecast Schedule Review - LDs / WDs	4	16	16	0	0	0	36
Total Task 8 - FY19/20	\$ 1,035	\$ 2,971	\$ 2,563	\$ -	\$ -	\$ -	\$ 6,569
9. Team Meetings/Project Coordination	24	48	32	0	0	0	104
Total Task 9 - FY19/20	\$ 6,213	\$ 8,912	\$ 5,126	\$ -	\$ -	\$ -	\$ 20,250
10. Front-End Specification Review	8	16	32	0	0	0	56
Total Task 10 - FY19/20	\$ 2,071	\$ 2,971	\$ 5,126	\$ -	\$ -	\$ -	\$ 10,168
11. Equipment Procurement Assistance	4	36	4	0	0	0	44
Assume 3 packages (12 hrs/package)							
Total Task 11 - FY19/20	\$ 1,035	\$ 6,684	\$ 641	\$ -	\$ -	\$ -	\$ 8,360
12. Bid Period Assistance	30	40	40	0	0	0	110
Total Task 12 - FY20/21	\$ 7,999	\$ 7,649	\$ 6,600	\$ -	\$ -	\$ -	\$ 22,248
TOTAL - Precon Period Services (Hours)	285	455	419	122	74	138	1,493
TOTAL - Preconstruction Period Services (Budget)							\$ 294,819

1. Escalation estimate is based on an approximate 3% billing rate adjustment each fiscal year; starting on July 1, 2018
2. Fiscal year for each task is assumed based on Carollo schedule dated 10/9/17

B.2B
CITY OF SUNNYVALE - WATER POLLUTION CONTROL PLANT
THICKENING & DEWATERING
PRECONSTRUCTION PERIOD SERVICES
THE COVELLO GROUP, INC. - STAFF EFFORT AND BUDGET ESTIMATE
December 4, 2017

	B.Presser (PIC/PM)	M.Redig (CM)	D.Green (Asst CM)	Discipline Specialists	Subconsultants		TOTAL
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FY 18/19 Billing Rate	\$ 251	\$ 180	\$ 156	\$ 206	\$ 230	\$ 185	
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FY 20/21 Billing Rate	\$ 267	\$ 191	\$ 165	\$ 219	\$ 244	\$ 197	
FY 21/22 Billing Rate	\$ 275	\$ 197	\$ 170	\$ 225	\$ 251	\$ 203	
ACTIVITY DESCRIPTION	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)
1. DIM No. 14 - Sequencing and Site Layout							
a. DIM No. 14 Review	0	0	0	0	0	0	0
b. Workshop 14	0	0	0	0	0	0	0
Subtotal Hours	0	0	0	0	0	0	0
Total Task 1 - FY18/19	\$ -	\$ -	\$ -	\$ -			\$ -
2. DIM No. 18 - Perimeter Wall (Optional)							
a. DIM No. 18 Review	0	0	0	0	0	0	0
b. Workshop 18	0	0	0	0	0	0	0
Subtotal Hours	0	0	0	0	0	0	0
Total Task 2 - FY 18/19	\$ -	\$ -	\$ -	\$ -			\$ -
3. 30% Project Review (3- Packages)							
a. 30% Project Review (8 hrs/ea)	18	24	24	0	0	8	74
b. Review Meetings (3 hrs/ea)	9	9	9	0	0	0	27
Subtotal Hours	27	33	33	0	0	8	101
Subtotal Covello Cost - FY18/19	\$ 6,786	\$ 5,948	\$ 5,132	\$ -			\$ 17,866
Subtotal Subconsultant					\$ -	\$ 1,483	\$ 1,483
5% Markup					\$ -	\$ 74	\$ 74
Total Task 3							\$ 19,424
4. 60% Constructability Review (3 - Packages)							
a. 60% Constructability Review (12 hrs/ea)	24	36	36	0	8	16	120
b. Review Meetings (4 hrs/ea)	12	12	12	0	2	2	40
Subtotal Hours	36	48	48	0	10	18	160
Subtotal Covello Cost - FY18/19	\$ 9,048	\$ 8,652	\$ 7,465	\$ -			\$ 25,165
Subtotal Subconsultant					\$ 2,297	\$ 3,337	\$ 5,634
5% Markup					\$ 115	\$ 167	\$ 282
Total Task 4							\$ 31,081
5. 90% Constructability Review							
a. 90% Constructability Review	24	32	32	0	12	24	124
b. Review Meetings	8	8	8	0	2	2	28
Subtotal Hours	32	40	40	0	14	26	152
Subtotal Covello Cost - FY19/20	\$ 8,284	\$ 7,426	\$ 6,408	\$ -			\$ 22,118
Subtotal Subconsultant					\$ 3,312	\$ 4,965	\$ 8,277
5% Markup					\$ 166	\$ 248	\$ 414
Total Task 5							\$ 30,809
6. 100% Constructability Review							
a. 100% Constructability Review	16	24	24	0	4	16	84
b. Review Meeting	6	6	6	0	0	2	20
Subtotal Hours	22	30	30	0	4	18	104
Subtotal Covello Cost - FY20/21	\$ 5,866	\$ 5,737	\$ 4,950	\$ -			\$ 16,553
Subtotal Subconsultant					\$ 975	\$ 3,540	\$ 4,515
5% Markup					\$ 49	\$ 177	\$ 226
Total Task 6							\$ 21,294
7. Geotechnical Report Review							
a. Draft Report Review	0	0	0	0	0	0	0
b. Final Report Review	0	0	0	0	0	0	0
Subtotal Hours	0	0	0	0	0	0	0
Subtotal Covello Cost - FY18/19	\$ -	\$ -	\$ -	\$ -			\$ -
Subtotal Subconsultant					\$ -	\$ -	\$ -
5% Markup					\$ -	\$ -	\$ -
Total Task 7							\$ -
8. Forecast Schedule Review - LDs / WDs	2	12	12	0	0	0	26
Total Task 8 - FY20/21	\$ 533	\$ 2,295	\$ 1,980	\$ -	\$ -	\$ -	\$ 4,808
9. Team Meetings/Project Coordination	16	32	24	0	0	0	72
Total Task 9 - FY19/20	\$ 4,142	\$ 5,941	\$ 3,845	\$ -	\$ -	\$ -	\$ 13,927
10. Front-End Specification Review	4	12	24	0	0	0	40
Total Task 10 - FY20/21	\$ 1,067	\$ 2,295	\$ 3,960	\$ -	\$ -	\$ -	\$ 7,321
11. Equipment Procurement Assistance	2	24	2	0	0	0	28
Assume 2 packages (12 hrs/package)							
Total Task 11 - FY20/21	\$ 533	\$ 4,589	\$ 330	\$ -	\$ -	\$ -	\$ 5,453
12. Bid Period Assistance	16	32	32	0	0	0	80
Total Task 12 - FY21/22	\$ 4,394	\$ 6,303	\$ 5,438	\$ -	\$ -	\$ -	\$ 16,135
TOTAL - Precon Period Services (Hours)	157	263	245	0	28	70	763
TOTAL - Preconstruction Period Services (Budget)							\$ 150,251

1. Escalation estimate is based on an approximate 3% billing rate adjustment each fiscal year; starting on July 1, 2018
2. Fiscal year for each task is assumed based on Carollo schedule dated 10/9/17

B.3
CITY OF SUNNYVALE - WATER POLLUTION CONTROL PLANT
ADMINISTRATION AND LABORATORY BUILDING
PRECONSTRUCTION PERIOD SERVICES
THE COVELLO GROUP, INC. - STAFF EFFORT AND BUDGET ESTIMATE
December 4, 2017

	B.Presser (PIC/PM)	M.Redig (CM)	D.Green (Asst CM)	Discipline Specialists	Subconsultants		TOTAL
					D. Mathy (Geotech)	T. Beecher (Elec)	
FY 17/18 Billing Rate	\$ 244	\$ 175	\$ 151	\$ 200	\$ 223	\$ 180	
FY 18/19 Billing Rate	\$ 251	\$ 180	\$ 156	\$ 206	\$ 230	\$ 185	
FY 19/20 Billing Rate	\$ 259	\$ 186	\$ 160	\$ 212	\$ 237	\$ 191	
ACTIVITY DESCRIPTION	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)
1. DIM No. 1 - Sequencing and Site Layout							
a. DIM No. 1 Review	8	16	12	0	0	0	36
b. Workshop 1	6	6	6	0	0	0	18
Subtotal Hours	14	22	18	0	0	0	54
Total Task 1 - FY17/18	\$ 3,416	\$ 3,850	\$ 2,718	\$ -			\$ 9,984
2. DIM No. 3 - Foundation Design							
a. DIM No. 3 Review	6	12	8	0	12	0	38
b. Workshop 3	4	4	4	0	4	0	16
Subtotal Hours	10	16	12	0	16	0	54
Subtotal Covello Cost - FY17/18	\$ 2,440	\$ 2,800	\$ 1,812	\$ -			\$ 7,052
Subtotal Subconsultant					\$ 3,568	\$ -	\$ 3,568
5% Markup					\$ 178	\$ -	\$ 178
Total Task 2							\$ 10,798
3. 30% Project Review							
a. 30% Project Review	12	16	16	0	6	8	58
b. Review Meeting	6	6	6	0	0	0	18
Subtotal Hours	18	22	22	0	6	8	76
Subtotal Covello Cost - FY18/19	\$ 4,524	\$ 3,966	\$ 3,422	\$ -			\$ 11,911
Subtotal Subconsultant					\$ 1,378	\$ 1,483	\$ 2,861
5% Markup					\$ 69	\$ 74	\$ 143
Total Task 3							\$ 14,915
4. 60% Constructability Review							
a. 60% Constructability Review	16	28	28	20	12	20	124
b. Review Meetings	6	6	6	0	0	2	20
Subtotal Hours	22	34	34	20	12	22	144
Subtotal Covello Cost - FY 18/19	\$ 5,529	\$ 6,129	\$ 5,288	\$ 4,120			\$ 21,066
Subtotal Subconsultant					\$ 2,756	\$ 4,079	\$ 6,835
5% Markup					\$ 138	\$ 204	\$ 342
Total Task 4							\$ 28,242
5. 90% Constructability Review							
a. 90% Constructability Review	24	40	40	20	12	32	168
b. Review Meetings	8	8	8	0	2	2	28
Subtotal Hours	32	48	48	20	14	34	196
Subtotal Covello Cost - FY18/19	\$ 8,042	\$ 8,652	\$ 7,465	\$ 4,120			\$ 28,280
Subtotal Subconsultant					\$ 3,216	\$ 6,304	\$ 9,519
5% Markup					\$ 161	\$ 315	\$ 476
Total Task 5							\$ 38,275
6. 100% Constructability Review							
a. 100% Constructability Review	12	20	20	0	6	16	74
b. Review Meeting	6	6	6	0	0	2	20
Subtotal Hours	18	26	26	0	6	18	94
Subtotal Covello Cost - FY 18/19	\$ 4,524	\$ 4,687	\$ 4,044	\$ -			\$ 13,254
Subtotal Subconsultant					\$ 1,378	\$ 3,337	\$ 4,715
5% Markup					\$ 69	\$ 167	\$ 236
Total Task 6							\$ 18,205
7. Geotechnical Report Review							
a. Draft Report Review	4	8	4	0	12	0	28
b. Final Report Review	4	8	4	0	12	0	28
Subtotal Hours	8	16	8	0	24	0	56
Subtotal Covello Cost - FY18/19	\$ 2,011	\$ 2,884	\$ 1,244	\$ -			\$ 6,139
Subtotal Subconsultant					\$ 5,513	\$ -	\$ 5,513
5% Markup					\$ 276	\$ -	\$ 276
Total Task 7							\$ 11,927
8. Forecast Schedule Review - LDs / WDs	2	12	8	0	0	0	22
Total Task 8 - FY18/19	\$ 503	\$ 2,163	\$ 1,244	\$ -	\$ -	\$ -	\$ 3,910
9. Team Meetings/Project Coordination	12	24	24	0	0	0	60
Total Task 9 - FY18/19	\$ 3,016	\$ 4,326	\$ 3,733	\$ -	\$ -	\$ -	\$ 11,075
10. Front-End Specification Review	4	12	24	0	0	0	40
Total Task 10 - FY18/19	\$ 1,005	\$ 2,163	\$ 3,733	\$ -	\$ -	\$ -	\$ 6,901
11. Equipment Procurement Assistance	0	0	0	0	0	0	0
Total Task 11 - FY19/20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12. Bid Period Assistance	16	32	32	0	0	0	80
Total Task 12 - FY19/20	\$ 4,142	\$ 5,941	\$ 5,126	\$ -	\$ -	\$ -	\$ 15,209
TOTAL - Pre-con Period Services (Hours)	156	264	256	40	78	82	876
SUBTOTAL - Precon Period Services (Budget)							\$ 169,442

1. Escalation estimate is based on an approximate 3% billing rate adjustment each fiscal year; starting on July 1, 2018
2. Fiscal year for each task is assumed based on MWA schedule dated 11/27/17