

PROFESSIONAL SERVICES AGREEMENT

Project: Recycled Water Systems Evaluation

THIS AGREEMENT is made and entered into this ____ day of _____, 20__,
by and between the City of Roseville, a municipal corporation (“CITY”), and Woodard & Curran
Inc., a Maine corporation (“CONSULTANT”); and

W I T N E S S E T H:

WHEREAS, CITY desires professional services to provide a study that will evaluate the
City’s existing infrastructure and provide recommended alternatives to meet future anticipated
future recycled water demands; and

WHEREAS, CONSULTANT has prepared a proposal dated March 3, 2022, which
describes the scope of work to be performed by CONSULTANT, the budget for the work, and
the schedule for performance of the work; and

WHEREAS, CONSULTANT is qualified and experienced to provide such professional
services.

NOW, THEREFORE, the parties agree as follows:

1. Services. CONSULTANT shall perform, at the direction of CITY, the scope of
services as described in EXHIBIT “A,” attached hereto and incorporated herein by this
reference.

2. Compensation. For its services provided hereunder, CONSULTANT shall be compensated on a time and expense basis in accordance with the budget estimate as described in EXHIBIT "B," attached hereto and incorporated herein by this reference. Total compensation shall not exceed two hundred ninety-nine thousand, and ninety dollars (\$299,090).

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

3. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of CONSULTANT's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

CONSULTANT agrees to defend and indemnify CITY if, despite the parties intent and practice, any venue, agency, or court with competent jurisdiction determines that CONSULTANT and/or any of its agents, officers, employees, volunteers, independent contractors, or subcontractors, are characterized as employee(s) of CITY.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement. Notwithstanding the foregoing, the provisions of California Civil Code section 2782.8 shall apply to this Agreement.

4. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

<u>COVERAGE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate
Automobile Liability	\$1,000,000 combined single limit
Professional Liability (errors and omissions)	\$1,000,000 per claim \$2,000,000 aggregate

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation

and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Furthermore, the requirements for coverage and limits shall be the minimum coverage and limits specified in this Agreement.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or material modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor,

regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

5. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of

this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

6. Time is of the Essence. Time is of the essence of this Agreement.

7. Prevailing Wages. When applicable, for purposes of this Agreement, CONSULTANT and its subcontractors shall comply with all applicable prevailing wage laws, e.g., but not limited to, California Labor Code Sections 1770 et seq. In accordance with said Section 1775, CONSULTANT shall forfeit as a penalty to the City two hundred dollars (\$200) for each calendar day or portion thereof for each worker paid less than the prevailing rates for such work or craft in which such worker is employed for any work done on-site under the Agreement by CONSULTANT or by any subcontractor in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by CONSULTANT or the applicable subcontractor.

Pursuant to the provisions of California Labor Code Section 1773, the contracting department has identified the source, stated below, of the general prevailing rate of wages

applicable to the site to be done, for straight time, overtime, and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of worker concerned. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>.

Pursuant to Labor Code Section 1773.2, general prevailing wage rates set forth above, which forms a part of this Agreement, shall be posted by CONSULTANT at a prominent place at the work site. Prevailing wage rates to be posted at the work site will be furnished by the contracting department. The possibility of wage increases is one of the elements to be considered by CONSULTANT in determining its proposal, and will not under any circumstances be considered as the basis of a claim against CITY or the Agreement.

8. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

9. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

10. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

11. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

12. Independent Contractor. CONSULTANT, inclusive of its agents, officers, employees, volunteers, independent contractors, and subcontractors, shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

CONSULTANT and CITY agree that: (a) CONSULTANT is free from the control and direction of CITY in connection with the performance of the work; (b) CONSULTANT is providing services directly to CITY; (c) CONSULTANT has and will maintain at all relevant times a business license; (d) CONSULTANT maintains a business location that is separate from CITY; (e) CONSULTANT is customarily engaged in an independently established business of the same nature as that involved in the work performed hereunder; (f) CONSULTANT actually contracts with other businesses to provide the same or similar services and maintains a clientele without restrictions from CITY; (g) CONSULTANT advertises and holds itself out to the public as available to provide the same or similar services; (h) CONSULTANT provides its own tools, vehicles, and equipment to perform the services; (i) CONSULTANT has negotiated its own rates; (j) CONSULTANT set its own hours and location of work in accomplishing CITY's on-call needs; and (k) CONSULTANT has the right to control the manner and means of accomplishing the result desired and exercises its own expert independent judgement.

13. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or

making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

14. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

15. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

16. Termination of Agreement. The City may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days advance written notice. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any Material, notwithstanding any termination or any dispute regarding the amount to be paid.

17. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

18. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

19. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

20. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

CONSULTANT

Bryan Buchanan, Principal Engineer
2005 Hilltop Circle
Roseville, CA 95747

David L. Richardson, Senior Principal
2175 N. California Blvd., Ste. 315
Walnut Creek, CA 94596

Either party may amend its address for notice by giving notice to the other party in writing.

21. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

22. Limit of Liability/Consequential Damages. Neither party shall be responsible or liable to the other for special, indirect, or consequential damages. The total aggregate liability of the Consultant to City for any and all claims whatsoever arising out of this Agreement shall not exceed the total applicable insurance proceeds paid to Consultant by its insurers up to the amount of the minimum specified insurance policy limits set forth in this Agreement.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and CONSULTANT has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

WOODARD & CURRAN INC., a Maine
corporation

BY: _____
DOMINICK CASEY
City Manager

BY: Rebecca Talbot
its: Corporate Secretary
and

ATTEST:

BY: 
its: Vice President

BY: _____
CARMEN AVALOS
City Clerk

APPROVED AS TO FORM:

BY: _____
MICHELLE SHEIDENBERGER
City Attorney

APPROVED AS TO SUBSTANCE:


BY:  Sean Bigley for Richard D. Plecker
RICHARD D. PLECKER
Environmental Utilities Director

EXHIBIT “A”

Via Electronic Mail

March 3, 2022



Bryan Buchanan
City of Roseville
311 Vernon St.
Roseville, California 95678

Re: Proposal to Prepare a Recycled Water Systems Evaluation Update

Dear Mr. Buchanan:

Woodard & Curran, Inc. (Woodard & Curran) appreciates the opportunity to submit a proposal to the City of Roseville (City) for the update of the Recycled Water Systems Evaluation that was previously prepared by RMC Water and Environment (now Woodard & Curran)

The City has been growing rapidly over the past few decades and anticipates continued development over the next several years. This expansion has substantially increased the demand for recycled water in the area, and associated facilities to serve the recycled water customers. As a result of this continued growth and changes in some of the facility plans, the previous planning document, the 2016 Recycled Water Systems Evaluation, is need of an update. As part of the effort to ensure that future recycled water infrastructure will be adequate to meet all demands in its service area, Woodard & Curran has been asked by the City to provide a scope of work for an updated Systems Evaluation.

The study will evaluate the City's existing infrastructure and provide recommended alternatives to meet future anticipated future recycled water demands. Because of our extensive knowledge of your system, and understanding of your recycled water system model, and some of your unique challenges in accommodating new demands on the system and their relationship to the supply of treated recycled wastewater from your two plants, Woodard & Curran is uniquely positioned to efficiently and cost effectively accomplish this assignment. The detailed scope of work is provided in Attachment A. We anticipate that the work will take nine months to complete with a fee of \$299,000. A detailed schedule and fee estimate are included in Attachments B and C, respectively, and our rate structure is provided in Attachment D.

We greatly appreciate this opportunity to offer our services. Please feel free to contact me if you have any questions regarding this proposal or require any further information.

Sincerely,

David L. Richardson, PE
Senior Principal
Woodard & Curran



Attachment A – Roseville Recycled Water Systems Evaluation Scope of Work

The scope of work includes six tasks as described below. Technical Memorandums produced will be developed to be incorporated as chapters in the Recycled Water Systems Evaluation Report. All deliverables indicated below will be submitted in electronic format to the City.

Task 1. Project Management

Provide monthly progress reports, budget tracking, client meetings and communications, and schedule coordination. For budgetary purposes, it is assumed that monthly meetings with City staff will be held, and all meetings will be virtual. One of these meetings would be the project kickoff meeting that would include review of the goals and objectives, schedule, general project details, and collection of needed data/reports.

Woodard & Curran Deliverables:

- Monthly progress reports, invoicing, and schedule updates
- Attendance at a project kick-off meeting and up to two (2) workshops with City staff, including agenda, meeting materials, and meeting notes
- Participation in progress meetings with City staff
- Budget assumes a 9-month project duration

Task 2. Data Collection

Prepare an initial request list of data and information that may be relevant to the Systems Evaluation. The information may include planning data, facility information, and other required information including but not limited to:

- Developer planning documents, including information on recycled water demands and planned facilities.
- Facility plans in the vicinity of the West Roseville Pump Station and Storage site.
- SCADA data, as needed.

Woodard & Curran will review the data to assess the information available for preparing the Systems Evaluation. For any data that is not available but critical for the Systems Evaluation, Woodard & Curran will recommend an approach for obtaining the information or making use of existing data and will discuss this approach with the City.

Woodard & Curran Deliverables:

- Data request list



Task 3. Recycled Water Demand and Supply Evaluation

3.1. Refine Potential Recycled Water Demand

A list of existing and future recycled water customers was previously developed for the 2016 Recycled Water Systems Evaluation and updated in the 2020 Recycled Water System Model Development Report. Under this task, Woodard & Curran will perform the following additional updates:

- Add any new customers connected since 2020, based on consumption data provided by City of Roseville. Update demands of other existing customers as needed to reflect current water usage including review and refinement of peaking factors.
- Review customer usage data for selected customers (i.e. golf courses), and discuss with the City opportunities to better optimize water usage patterns.
- Update estimated demands of future growth areas, based on the most recent planning information (including connections to Placer County UGAs, such as Placer Ranch and Regional University).
- Add any potential new customers not previously included in the potential customer list, to be identified by the City.

This task includes developing a timeline of potential connection of future growth areas, to facilitate development of a phasing plan for future facilities.

3.2. Refine Supply Availability

Refine availability of recycled water supply based on recent treatment plant flow data and future projections. Compare future recycled water supply availability to potential recycled water demand. Supply availability will consider diurnal variations in WWTP effluent flow to better evaluate existing and future storage requirements. This task may also consider potential changes to discharge requirements at the Dry Creek WWTP (currently 4 MGD, measured as an average daily flow).

Woodard & Curran Deliverables:

- Summary of recycled water demand and supply evaluation to be incorporated in the Alternatives Evaluation TM under Task 4.

Task 4. Alternatives Development and Analysis

Develop and evaluate up to three (3) alternative concepts for expansion of the recycled water distribution system. The three alternatives to be developed will be determined based on the results of Tasks 1-4 and agreed upon with Roseville during Progress Meeting No. 1.

4.1. Update Hydraulic Model

Update the existing distribution system hydraulic model to reflect the results of Task 3 and any newly constructed facilities. This model will be used to evaluate each alternative concept in subtask 4.2. The distribution system model will use the InfoWater modeling



platform. Where appropriate, modeling will be performed in EPS mode to evaluate storage needs.

4.2. Alternative Refinements and Evaluation

Establish planning level design criteria for sizing distribution and storage facilities, including minimum pressure requirements for customer connections. Identify preliminary alignments and sizing for the recycled water distribution systems and pumping/storage facility locations for each alternative concept. A recycled water distribution system model will be developed for each alternative to evaluate and optimize distribution system capacity, required booster pumping, and storage (appropriate volume and potential locations required for operational reliability).

4.3. Develop Cost Estimates for Each Alternative

Develop an order of magnitude capital cost and annual operating costs for the alternatives. Cost estimates will be at a feasibility level and will be developed using cost curves and information from previous projects. Estimates of this type typically have an accuracy range of -30% to +50%.

4.4. Comparison/Ranking of Alternatives

Compare the alternatives on their technical and non-technical merits and discuss with City to identify the recommended recycled water alternative.

Woodard & Curran Deliverables:

- Draft Alternatives Analysis Technical Memorandum (TM). City comments on the Draft TM will be incorporated in the Systems Evaluation Report

Task 5. Recommended Facilities Project Plan

5.1. Describe Recommended Project

Further refine the recommended project including potential customers, facility sizing and alignments for pipelines, pump stations, and storage. Analysis will include a more detailed review of distribution system configuration (including easement, right-of-way, critical crossings, traffic issues, etc.) and storage location (or booster pumping). This facility plan will provide the level of detail necessary to move forward to the next phase, a preliminary design report.

5.2. Implementation Plan for Recommended Project

Identify follow-on tasks required for project implementation including CEQA analysis, permitting requirements, and final design. Phasing of the project in up to three phases (based on location of demands, timing of new demands, etc.) is also to be evaluated, if appropriate. A refined capital cost for each project phase is to be provided. Develop schedule for implementation of recommended project.

Woodard & Curran Deliverables:

- Draft Implementation Plan Technical Memorandum. City comments on the Draft TM will be incorporated in the Systems Evaluation Report

Task 6. Prepare Recycled Water Systems Evaluation Report

Develop Draft and Final Systems Evaluation Report, incorporating results from the previous Tasks.

Woodard & Curran Deliverables:

- Draft and Final Recycled Water Systems Evaluation Report (delivered electronically)



EXHIBIT “B”

Attachment B – Roseville Recycled Water Systems Evaluation Project Schedule

Tasks		Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Task 1: Project Management										
Meetings and Communication (2)		X					X			
Project Administration										
Task 2: Data Collection										
Data Collection and Review										
Task 3: Recycled Water Demand and Supply Evaluation										
3.1 Refine Potential Recycled Water Demand										
3.2 Refine Supply Availability										
Task 4: Alternatives Development and Analysis										
4.1 Update Hydraulic Model										
4.2 Alternative Refinements and Evaluation										
4.3 Develop Cost Estimates for Each Alternative										
4.4 Comparison/Ranking of Alternatives							XX			
Task 5: Recommended Facilities Project Plan										
5.1 Describe Recommended Project										
5.2 Implementation Plan for Recommended Project								XX		
Task 6: Description										
Prepare Recycled Water Systems Evaluation Report									XX (Draft)	XX (Final)

Attachment C – Roseville Recycled Water Systems Evaluation Fee Estimate

Tasks						Total
	PIC (Dave)	Technical Manager (Chris)	Project Engineer/Modeling	Facility Planning	Graphics / CAD / Admin.	Total Hours
Task 1: Project Management						
Project Management	6	16	24	8	12	66
Subtotal Task 1:	6	16	24	8	12	66
Task 2: Data Collection						
Data Collection and Review	0	8	24	0	0	32
Subtotal Task 2:	0	8	24	0	0	32
Task 3: Recycled Water Demand and Supply Evaluation						
3.1 Refine Potential Recycled Water Demand	2	16	96	0	0	114
3.2 Refine Supply Availability	2	8	40	0	0	50
Subtotal Task 3:	4	24	136	0	0	164
Task 4: Alternatives Development and Analysis						
4.1 Update Hydraulic Model	0	4	80	0	0	84
4.2 Alternative Refinements and Evaluation	4	32	64	64	0	164
4.3 Develop Cost Estimates for Each Alternative	2	8	8	80	0	98
4.4 Comparison/Ranking of Alternatives	4	16	32	76	0	128
Subtotal Task 4:	10	60	184	220	0	474
Task 5: Recommended Facilities Project Plan						
5.1 Describe Recommended Project	2	16	20	92	16	146
5.2 Implementation Plan for Recommended Project	2	24	36	112	0	174
Subtotal Task 5:	4	40	56	204	16	320
Task 6: Description						
6.1 Draft Recycled Water Systems Evaluation Report	6	12	54	32	8	112
6.2 Final Recycled Water Systems Evaluation Report	2	6	20	10	4	42
Subtotal Task 6:	8	18	74	42	12	154
TOTAL	32	166	498	474	40	1210
						\$299,090

1. The individual hourly rates include salary, overhead and profit.
2. Subconsultants will be billed at actual cost plus 10%.
3. Other direct costs (ODCs) such as reproduction, delivery, mileage (rates will be those allowed by current IRS guidelines), and travel expenses, will be billed at actual cost plus 10%.
4. W&C reserves the right to adjust its hourly rate structure and ODC markup at the beginning of the calendar year for all ongoing contracts.
5. Additional Woodward & Curran staff may perform work on the project, based on our standard billing rate schedule currently in effect.

Attachment D – Woodard & Curran 2022 Rate Table



2022 Standard Rates	
Labor Category	2022 Rate
Engineer 1 (E1)	180
Scientist 1 (S1)	
Geologist 1 (G1)	
Planner 1 (P1)	
Technical Specialist 1 (TS1)	
Engineer 2 (E2)	205
Scientist 2 (S2)	
Geologist 2 (G2)	
Planner 2 (P2)	
Technical Specialist 2 (TS2)	
Engineer 3 (E3)	235
Scientist 3 (S3)	
Geologist 3 (G3)	
Planner 3 (P3)	
Technical Specialist 3 (TS3)	
Project Engineer 1 (PE1)	245
Project Scientist 1 / Project Specialist 1 (PS1) Project Geologist 1 (PG1)	
Project Planner 1 (PP1)	
Project Technical Specialist 1 (PTS1)	
Project Engineer 2 (PE2)	260
Project Scientist 2 / Project Specialist 2 (PS2) Project Geologist 2 (PG2)	
Project Planner 2 (PP2)	
Project Technical Specialist 2 (TS2)	
Project Manager 1 (PM1)	280
Technical Manager 1 (TM1)	
Project Manager 2 (PM2)	295
Technical Manager 2 (TM2)	
Senior Project Manager (SPM)	315
Senior Technical Manager (STM)	
Senior Technical Practice Leader (STPL)	330
National Practice Leader (NPL)	330
Software Engineer 1 (SE1)	165
Software Engineer 2 (SE2)	185
Software Engineer 3 (SE3)	200
Designer 2 (D2)	170
Designer 3 (D3)	175
Senior Software Developer (SSD)	
Senior Designer (SD)	180
Designer 1 (D1)	140
Graphic Artist / Graphic Manager	
Billing Manager	
Marketing Assistant / Marketing Manager	
Senior Accountant (SA)	
Senior Project Assistant	
Project Assistant (PA)	
	120