File No	171216	Committee I	tem No No	3
COMMITTEE/BOARD OF SUPERVISORS AGENDA PACKET CONTENTS LIST				
Committee:	Budget & Finance Commi	<u>ttee</u>	Date Dece	mber 13, 2017
Board of Su	pervisors Meeting		Date	
Cmte Boa	Motion Resolution Ordinance Legislative Digest Budget and Legislative A Youth Commission Repolation Form Department/Agency Cove MOU Grant Information Form Grant Budget Subcontract Budget Contract/Agreement Form 126 – Ethics Commander Award Letter Application Public Correspondence	ort er Letter and		
OTHER	(Use back side if addition	nal space is	needed)	
	SPUC Resolution			

Date December 8, 2017
Date

Completed by: Linda Wong
Completed by: Linda Wong

.17

[Agreement Amendment - Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. - Westside Recycled Water Project - Not to Exceed \$8,000,000]

Resolution authorizing the General Manager of the San Francisco Public Utilities

Commission to execute Amendment No. 2 to Agreement No. CS-109, Specialized

Engineering Services, Recycled Water Projects with Kennedy Jenks Consultants,

Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. a Joint

Venture, to continue providing additional engineering services in support of the

Westside Recycled Water Project, increasing the agreement by \$2,500,000 for a total

not to exceed agreement amount of \$8,000,000 and with a time extension of three

years, for a total agreement duration of 12 years, subject to the Board of Supervisors

approval pursuant to Charter, Section 9.118.

WHEREAS, On October 26, 2010, the San Francisco Public Utilities Commission (SFPUC) approved Resolution No. 10-0177, authorizing the General Manager of the SFPUC to negotiate and execute a professional services agreement, Agreement No. CS-109, Specialized Engineering Services, Recycled Water Projects in the amount of \$3,700,000 with a term of six years concluding on November 30, 2016, with Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. a Joint Venture (KJ/Sheikh/WRE, JV); and

WHEREAS, On December 8, 2015, the SFPUC approved Resolution No. 15-0248, authorizing the General Manager to execute Amendment No. 1, increasing the Agreement by \$1,800,000 for a total not to exceed \$5,500,000 and with a time extension of three years, for a total agreement duration of nine years, in order to provide additional engineering services in support of the implementation of the Westside Recycled Water Project; and

WHEREAS, Amendment No. 2 is being requested to increase the agreement by \$2,500,000 and to extend the agreement by three years, for a total agreement amount not to exceed \$8,000,000, and a total agreement duration of 12 years, in order to provide additional engineering services for: design of irrigation system modifications; engineering support during bidding and construction for irrigation system contract work; preparation of operations plans and standard operating procedures for new recycled water facilities; other support services as-required for project implementation; and

WHEREAS, The proposed Amendment No. 2 is on file with the Clerk of the Board of Supervisors in File No. 171216, and is hereby declared to be part of this Resolution as if fully set forth herein; and

WHEREAS, A Contract Monitoring Division sub-consulting goal of 14% Local Business Enterprise participation of the total value of services to be provided has been established for this agreement; and

WHEREAS, Funds for this agreement are available from Project No. CUW302-01; now, therefore, be it

RESOLVED, That the Board of Supervisors hereby authorizes the General Manager of the SFPUC to execute Amendment No. 2 to the Agreement with Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. a Joint Venture (KJ/Sheikh/WRE, JV), in order to continue providing additional engineering services in support of the Westside Recycled Water Project, increasing the agreement by \$2,500,000, for a total agreement amount not-to-exceed \$8,000,000, and with a time extension of three years, for a total agreement duration of 12 years, pursuant to Charter, Section 9.118.; and, be it

FURTHER RESOLVED, That within thirty (30) days of the execution of Amendment No. 2 to the Agreement, the General Manager of the SFPUC shall provide the signed revised contract to the Clerk of the Board for inclusion in the official file.

Item 3	Department:
File 17-1216	Public Utilities Commission (PUC)

EXECUTIVE SUMMARY

Legislative Objectives

• The proposed resolution would approve the second amendment to the existing contract between the SFPUC and Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. a Joint Venture (KJ/Sheikh/WRE, JV) to (i) extend the contract by three years from the original end date of November 2019 to a new end date of November 2022, for a total contract term of twelve years from December 2010 through November 2022, and (ii) increase the total not-to-exceed amount by \$2,500,000, from \$5,500,000 to \$8,000,000.

Key Points

- The San Francisco Westside Recycled Water Project (Project) is a component of the San Francisco Public Utilities Commission's (SFPUC) Water System Improvement Program (WSIP). The primary purpose of the Project is to reduce San Francisco's reliance on potable water for non-potable uses, such as irrigation, through the production and distribution of highly treated recycled water. The Project will bring recycled water from the recycled water treatment facility, to be constructed at the Oceanside Water Pollution Control Plant, to Golden Gate Park, Lincoln Park Golf Course, the Presidio Golf Course and the National Cemetery to be used for irrigation.
- In October 2010, the SFPUC approved a contract between the SFPUC and KJ/Sheikh/WRE, JV following a competitive Request for Proposals (RFP) process for technical and specialized engineering services for the Westside Recycled Water Project. The contract was for a period of six years, from December 2010 through November 2016. The original not-to-exceed amount was \$3,700,000. In December 2015, the SFPUC approved the first amendment to the contract between SFPUC and KJ/Sheikh/WRE, JV and (i) increased the amount by \$1,800,000 for a total not-to-exceed of \$5,500,000, and (ii) extended the term by three years for a total contract duration of nine years from December 2010 through November 2019.
- According to SFPUC, during the course of the planning and design phases of the recycled water facilities and systems under the existing contract with KJ/Sheikh/WRE, JV, additional technical and engineering support were identified for design of irrigation system modifications.

Fiscal Impact

The proposed amendment to the existing contract between SFPUC and KJ/Sheikh/WRE, JV increases the contract amount by \$2,500,000, from not-to-exceed \$5,500,000 to not-to-exceed amount of \$8,000,000. The amended contract not-to-exceed amount is included in the Westside Recycled Water Project revised budget of \$214 million.

Recommendation

Approve the proposed resolution.

MANDATE STATEMENT

City Charter Section 9.118(b) states that any contract entered into by a department, board or commission that (1) has a term of more than ten years, (2) requires expenditures of \$10 million or more, or (3) requires a modification of more than \$500,000 is subject to Board of Supervisors approval.

BACKGROUND

The San Francisco Westside Recycled Water Project (Project) is a component of the San Francisco Public Utilities Commission's (SFPUC) Water System Improvement Program (WSIP). The primary purpose of the Project is to reduce San Francisco's reliance on potable water for non-potable uses, such as irrigation, through the production and distribution of highly treated recycled water. The Project will bring recycled water from the recycled water treatment facility, to be constructed at the Oceanside Water Pollution Control Plant, to Golden Gate Park, Lincoln Park Golf Course, the Presidio Golf Course and the National Cemetery to be used for irrigation.

The Project will construct the following facilities:

- A recycled water treatment facility at the Oceanside Water Pollution Control Plant;
- A new pump station and underground recycled water storage reservoir at Golden Gate Park's existing Central Reservoir; and
- New recycled water distribution pipelines.

In October 2010, the SFPUC approved a contract between the SFPUC and Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. a Joint Venture (KJ/Sheikh/WRE, JV) following a competitive Request for Proposals¹ (RFP) process for technical and specialized engineering services for the Recycled Water Projects. The contract was for a period of six years, from December 2010 through November 2016. The original not-to-exceed amount was \$3,700,000. In December 2015, the SFPUC approved the first amendment to the contract between SFPUC and KJ/Sheikh/WRE, JV and (i) increased the amount by \$1,800,000 for a total not-to-exceed of \$5,500,000, and (ii) extended the term by three years for total contract duration of nine years from December 2010 through November 2019.

In July 2016, the Board of Supervisors approved the requested release of \$120,827,000 from Budget and Finance Committee Reserve for the Westside Recycled Water Project (File 16-0744).²

¹ Five firms responded to the RFP. Four firms were selected for interviews: Kennedy Jenks/Water Resources Engineering/Bahman Sheikh Joint Venture, 2) Corollo/SRT Joint Venture, 3) Montgomery Watson Harza/Hydroconsult Engineers, Joint Venture, and 4) Camp Dresser & McKee.

² The Board of Supervisors appropriated \$120,827,000 in Water Enterprise Revenue Bond funds, to the Westside Recycled Water Project in April 2010 (Ordinance 92-10) and November 2011 (Ordinance 230-11) and placed these funds on Budget and Finance Committee Reserve. The total Waterside Recycled Water Project budget was \$186,220,000, which included \$120,827,000 placed on Budget and Finance Committee Reserve.

DETAILS OF PROPOSED LEGISLATION

The proposed resolution would approve the second amendment to the existing contract between the SFPUC and Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. a Joint Venture (KJ/Sheikh/WRE, JV) to (i) extend the contract by three years from the original end date of November 2019 to a new end date of November 2022, for a total contract term of twelve years from December 2010 through November 2022, and (ii) increase the total not-to-exceed amount by \$2,500,000, from \$5,500,000 to \$8,000,000.

Increase in Water System Improvement Program (WSIP) Westside Recycled Water Project

According to Ms. Barbara Palacios, SFPUC Project Manager, the total Westside Recycled Water Project budget has increased from \$186 million to \$214 million³, an increase of \$28 million, as a result of additional irrigation system modifications required for compliance with recycled water regulations, as well as increased level of effort needed to complete design of the treatment and pumping facilities and manage construction of new facilities, and also due to high bids received on the treatment plant.

According to Ms. Palacios, during the course of the planning and design phases of the recycled water facilities and systems under the existing contract with KJ/Sheikh/WRE, JV, additional technical and engineering support were identified for design of irrigation system modifications. The expanded project scope includes the required preparation of Operations Plans, detailed Standard Operating Procedures for new recycled water facilities, and Operations and Maintenance Manuals.

Project Construction

Construction of the Project began in February 2017 with the construction of the recycled water pipeline. Completion of the Project, including the recycled water pipeline, recycled water treatment facility at the Oceanside Water Pollution Control Plan, and recycled water pump station and underground reservoir in Golden Gate Park, is anticipated in January 2021 with final close out in October 2021.⁴

According to Ms. Palacios, the Project schedule has been delayed for a variety of reasons, including an extended timeline for the pre-selection and contracting of key treatment equipment, and subsequent design changes related to the selected equipment. The three-year extension of the KJ/Sheikh/WRE, JV contract term will provide for the required technical and engineering support through the start-up of the new recycled water system and its implementation during which treatment will be optimized.

³ The amount of \$214 million has not yet been formally approved by the SFPUC, but is presented in the September 2017 Water Enterprise CIP Quarterly Report to the Commission.

⁴ According to Ms. Palacios, the contract term ends in November 2022 to serve as a schedule contingency in the event of unanticipated delays in construction.

FISCAL IMPACT

The proposed amendment to the existing contract between SFPUC and KJ/Sheikh/WRE, JV increases the contract amount by \$2,500,000, from not-to-exceed \$5,500,000 to not-to-exceed amount of \$8,000,000. The amended contract not-to-exceed amount is included in the Westside Recycled Water Project revised budget of \$214 million.

According to the budget submitted by SFPUC, estimated expenditures and encumbrances from December 2010 through August 2017 under the KJ/Sheikh/WRE, JV contract are \$4,716,335, as shown in Table 1 below.

Table 1: KJ/Sheikh/WRE, JV Contract Actual Expenditures and Encumbrances

(December 2010 through November 2022)

Contract	Actual Contract Expenditures and Encumbrances (December 2010 through August 2017)	Projected Expenditures (September 2017 through November 2022)	Total Actual and Projected Expenditures (December 2010 through November 2022)
KJ/Sheikh/WRE, JV	\$4,716,335	\$3,283,665	\$8,000,000

Table 2 below shows the breakdown of the requested additional \$2,500,000 to be expended on each task and the anticipated delivery date for each task.

Table 2: Proposed Project Budget for Second Amendment of KJ/Sheikh/WRE, JV Contract

Täsk	Anticipated Delivery Date	Amount
Westside Recycled Water Implementation Support	November 2019	\$206,389
Engineering Services During Construction - Treatment Facility	November 2019	159,500
Engineering Services During Construction - Distribution System	2020	327,200
Golden Gate Park/Lincoln Park Retrofit - Final Recycled Water Retrofit Design	2020	200,000
Golden Gate Park/Lincoln Park Design of System Modifications	2020	275,000
Engineering Services During Construction for Golden Gate Park/Lincoln Park Retrofit	2020	294,250
Engineering Services During Construction for Golden Gate Park/Lincoln Park System Modifications	2020	370,500
Overall Recycled Water System Operations Plan	2020	220,430
Treatment Operations and Maintenance and Standard Operating Procedures	2021	467,319
Recycled Water Conveyance Operations and Maintenance and Standard Operating Procedures	2021	180,356
Optional Online Operations Dashboard	2021	215,000
As-Needed Technical Services	To Be Determined/2022	367,721
Total Project Budget		\$3,283,665
Remaining Contract Authority (under First Amendment of Contract)		(783,665)
Requested Total Amount		\$2,500,000

RECOMMENDATION

Approve the proposed resolution.

City and County of San Francisco San Francisco Public Utilities Commission Contracts Administration Bureau 525 Golden Gate Avenue, 8th Floor San Francisco, CA 94102

Second Amendment between the City and County of San Francisco and Kennedy Jenks Consultants/ Bahman Sheikh Water Reuse Consulting/ Water Resources Engineering, JV (KJ/Sheikh/WRE, JV) for Specialized Engineering Services for Recycled Water Projects (CS-109)

THIS AMENDMENT (this "Amendment") is made as of [insert date], in San Francisco, California, by and between **KJ/Sheikh/WRE**, **JV** ("Contractor"), and the City and County of San Francisco, a municipal corporation ("City"), acting by and through its San Francisco Public Utilities Commission.

RECITALS

WHEREAS, City and Contractor have entered into the Agreement (as defined below); and

WHEREAS, City and Contractor desire to modify the Agreement on the terms and conditions set forth herein to extend the performance period, increase the contract amount, and update standard contractual clauses; and

WHEREAS, Approval for this Amendment was obtained when the Civil Service Commission approved Contract number 4124-09/10 on September 26, 2017; and

WHEREAS, Approval for this Amendment was obtained when the San Francisco Public Utilities Commission approved Resolution number 17-0229 on November 14, 2017; and

WHEREAS, Approval for this Amendment was obtained when the Board of Supervisors approved Resolution number _____ on January _____, 2018;

NOW, THEREFORE, Contractor and the City agree as follows:

- 1. **Definitions.** The following definitions shall apply to this Amendment:
- 1a. Agreement. The term "Agreement" shall mean the Agreement dated October 26, 2010 between Contractor and City, as amended by the First Amendment dated December 11, 2015.

- **1b.** Other Terms. Terms used and not defined in this Amendment shall have the meanings assigned to such terms in the Agreement.
- 2. Modifications to the Agreement. The Agreement is hereby modified as follows:
 - **2a.** Section 2. Section 2, Term of the Agreement currently reads as follows:
- 2. Term of the Agreement. Subject to Section 1, the term of this Agreement shall be from December 1, 2010 to November 30, 2019.

Such section is hereby amended in its entirety to read as follows:

- 2. Term of the Agreement. Subject to Section 1, the term of this Agreement shall be from December 1, 2010 to November 30, 2022.
 - **2b.** Section 5. Section 5 Compensation of the Agreement currently reads as follows:
- 5. Compensation. Compensation shall be made in monthly payments on or before the thirtieth day of each month for work, as set forth in Section 4 of this Agreement, that the General Manager of the Public Utilities Commission, in his or her sole discretion, concludes has been performed as of the last day of the immediately preceding month. In no event shall the amount of this Agreement exceed Five Million Five Hundred Thousand Dollars (\$5,500,000). The breakdown of costs associated with this Agreement appears in Appendix B, "Calculation of Charges," attached hereto and incorporated by reference as though fully set forth herein. No charges shall be incurred under this Agreement nor shall any payments become due to Contractor until reports, services, or both, required under this Agreement are received from Contractor and approved by the San Francisco Public Utilities Commission as being in accordance with this Agreement. City may withhold payment to Contractor in any instance in which Contractor has failed or refused to satisfy any material obligation provided for under this Agreement.

In no event shall City be liable for interest or late charges for any late payments.

The Controller is not authorized to pay invoices submitted by Contractor prior to Contractor's submission of CMD Progress Payment Form. If Progress Payment Form is not submitted with Contractor's invoice, the Controller will notify the department, the Director of CMD and Contractor of the omission. If Contractor's failure to provide CMD Progress Payment Form is not explained to the Controller's satisfaction, the Controller will withhold 20% of the payment due pursuant to that invoice until CMD Progress Payment Form is provided. Following City's payment of an invoice, Contractor has ten days to file an affidavit using CMD Payment Affidavit verifying that all subcontractors have been paid and specifying the amount.

Such section is hereby amended in its entirety to read as follows:

5. Compensation. Compensation shall be made in monthly payments on or before the thirtieth day of each month for work, as set forth in Section 4 of this Agreement, that the General Manager of the Public Utilities Commission, in his or her sole discretion, concludes has been performed as of the last day of the immediately preceding month. In no event shall the amount of this Agreement exceed Eight Million Dollars (\$8,000,000). The breakdown of costs associated with this Agreement appears in Appendix B, "Calculation of Charges," attached hereto and incorporated by reference as though fully set forth herein. No charges shall be incurred under this Agreement nor shall any payments become due to Contractor until reports, services, or both, required under this Agreement are received from Contractor and approved by the San Francisco Public Utilities Commission as being in accordance with this Agreement. City may withhold payment to Contractor in any instance in which Contractor has failed or refused to satisfy any material obligation provided for under this Agreement.

In no event shall City be liable for interest or late charges for any late payments.

The Controller is not authorized to pay invoices submitted by Contractor prior to Contractor's submission of CMD Progress Payment Form. If Progress Payment Form is not submitted with Contractor's invoice, the Controller will notify the department, the Director of CMD and Contractor of the omission. If Contractor's failure to provide CMD Progress Payment Form is not explained to the Controller's satisfaction, the Controller will withhold 20% of the payment due pursuant to that invoice until CMD Progress Payment Form is provided. Following City's payment of an invoice, Contractor has ten days to file an affidavit using CMD Payment Affidavit verifying that all subcontractors have been paid and specifying the amount.

- 3. Effective Date. Each of the modifications set forth in Section 2 shall be effective on and after the Effective Date.
- **4. Legal Effect.** Except as expressly modified by this Amendment, all of the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, Contractor and City have executed this Amendment as of the date first referenced above.

CITY	CONTRACTOR
	KJ/Sheikh/WRE, JV
Harlan L. Kelly, Jr. General Manager San Francisco Public Utilities Commission	Signature of Authorized Representative
Approved as to Form:	Name of Authorized Representative
Dennis J. Herrera City Attorney	Title
	City Supplier ID: <u>0000016857</u>
Bv:	

Julia H. Veit

Deputy City Attorney

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO.	10-0177

WHEREAS, Developing recycled water in San Francisco will provide a drought-resistant and sustainable water source for non-potable uses; and

WHEREAS, the Water System Improvement Program that was approved by the Commission on October 30, 2008, includes program elements for development of recycled water in the City; and

WHEREAS, SFPUC has developed and is developing proposed recycled water projects on the westside and the eastside of the City; and

WHEREAS, Obtaining the services of a qualified multi-disciplinary engineering firm is necessary to provide specialized engineering services to supplement SFPUC staff; and

WHEREAS, The estimated cost of services is \$3,700,000; and

WHEREAS, The proposal was advertised on May 20, 2010; and

WHEREAS, Services are anticipated to begin in November 2010 and end in November 2016 and the duration of this agreement is six (6) years; and

WHEREAS, San Francisco Public Utilities Commission (SFPUC) staff and Human Rights Commission (HRC) review of the proposals resulted in the establishment of Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc., a Joint Venture (KJ/Sheikh/WRE, JV) as the best qualified consulting firms; and

WHEREAS, A HRC sub-consulting goal of 14% Local Business Enterprise (LBE) participation (of the total value of services to be provided) has been established for this agreement; and

WHEREAS, Failure to reach successful agreement on contract terms and conditions within thirty (30) days of the date of the Commission award may result in award of the contract to the next highest ranked Consultant, or re-advertising and re-selecting consultants at the discretion of the City; and

WHEREAS, The firms being awarded a contract by the SFPUC must be in compliance with the Equal Benefits Provisions of Chapter 12B of the City's Administrative Code either at the time of the award, or within two (2) weeks of the date of the Commission award; failure of the bidder to obtain compliance certification from HRC may, in the General Manager's sole discretion, result in award of the agreement to the next highest ranked Consultant, or readvertising and re-selecting consultants at the discretion of the City; and

WHEREAS, Funds for this agreement will be available at the time of award of the agreement from Project CUW302 – Recycled Water Projects, San Francisco, \$3,700,000; now, therefore, be it

RESOLVED, That this Commission hereby approves the selection of KJ/Sheikh/WRE, JV; awards Water Enterprise Water System Improvement Program-funded Agreement No. CS-109, Specialized Engineering Services for Recycled Water Projects, to provide engineering services; and authorizes the General Manager of the SFPUC to negotiate and execute a professional services agreement with KJ/Sheikh/WRE, JV for an amount not-to-exceed \$3,700,000, and with a duration of six (6) years, or, in the event negotiations are not successful or City requirements are not satisfied, to negotiate and execute a professional services agreement with the next highest ranked Consultant.

I hereby certify that the foregoing	resolution was adopted by the Public Utilities
Commission at its meeting of	October 26, 2010
	Milal Houl
	Secretary, Public Utilities Commission

City and County of San Francisco San Francisco Public Utilities Commission 1155 Market Street San Francisco, California 94102-4685

Agreement between the City and County of San Francisco and

Kennedy Jenks Consultants/ Bahman Sheikh Water Reuse Consulting/ Water Resources Engineering, JV (KJ/Sheikh/WRE, JV)

This Agreement is made this 26th day of October, 2010, in the City and County of San Francisco, State of California, by and between: KJ/Sheikh/WRE, JV, 303 Second Street, Suite 300 South, San Francisco, CA, 94107, hereinafter referred to as "Contractor," and the City and County of San Francisco, a municipal corporation, hereinafter referred to as "City," acting by and through the San Francisco Public Utilities Commission.

Recitals

WHEREAS, the San Francisco Public Utilities Commission (SFPUC) ("Department") wishes to retain the services of a qualified Proposer to provide the SFPUC with specialized engineering services to support the Recycled Water Program Westside and Eastside Projects, including but not limited to needs assessment, alternatives analysis, technical review/support, regulatory permitting services, and operations support services; and,

WHEREAS, a Request for Proposal ("RFP") was issued on May 20, 2010, and City selected Contractor as the highest qualified scorer pursuant to the RFP; and

WHEREAS, Contractor represents and warrants that it is qualified to perform the services required by City as set forth under this Contract; and,

WHEREAS, approval for this Agreement was obtained when the Civil Service Commission approved Contract number 4043-09/10 on October 5, 2009; and

WHEREAS, the San Francisco Public Utilities Commission awarded this Agreement under Resolution Number 10-0177 on October 26, 2010; and

Now, THEREFORE, the parties agree as follows:

1. Certification of Funds; Budget and Fiscal Provisions; Termination in the Event of Non-Appropriation. This Agreement is subject to the budget and fiscal provisions of the City's Charter. Charges will accrue only after prior written authorization certified by the Controller, and the amount of City's obligation hereunder shall not at any time exceed the amount certified for the purpose and period stated in such advance authorization. This Agreement will terminate without penalty, liability or expense of any kind to City at the end of any fiscal year if funds are not appropriated for the next succeeding fiscal year. If funds are appropriated for a portion of the fiscal year, this Agreement will terminate, without penalty, liability or expense of any kind at the end of the term for which funds are appropriated. City has no obligation to make appropriations for this Agreement in lieu of appropriations for new or other agreements. City budget decisions are subject to the discretion of the Mayor and the Board of

P-500 (5-09) SFPUC/P-500 (5/09) Supervisors. Contractor's assumption of risk of possible non-appropriation is part of the consideration for this Agreement.

THIS SECTION CONTROLS AGAINST ANY AND ALL OTHER PROVISIONS OF THIS AGREEMENT.

- 2. Term of the Agreement. Subject to Section 1, the term of this Agreement shall be from December 1, 2010 to November 31, 2016 with options to extend at the City's sole discretion.
- 3. Effective Date of Agreement. This Agreement shall become effective when the Controller has certified to the availability of funds and Contractor has been notified in writing.
- 4. Services Contractor Agrees to Perform. The Contractor agrees to perform the services provided for in Appendix A, "Description of Services," attached hereto and incorporated by reference as though fully set forth herein.
- 5. Compensation. Compensation shall be made in monthly payments on or before the thirtieth day of each month for work, as set forth in Section 4 of this Agreement, that the General Manager of the Public Utilities Commission, in his or her sole discretion, concludes has been performed as of the last day of the immediately preceding month. In no event shall the amount of this Agreement exceed Three Million Seven Hundred Thousand Dollars (\$3,700,000). The breakdown of costs associated with this Agreement appears in Appendix B, "Calculation of Charges," attached hereto and incorporated by reference as though fully set forth herein. No charges shall be incurred under this Agreement nor shall any payments become due to Contractor until reports, services, or both, required under this Agreement are received from Contractor and approved by the San Francisco Public Utilities Commission as being in accordance with this Agreement. City may withhold payment to Contractor in any instance in which Contractor has failed or refused to satisfy any material obligation provided for under this Agreement.

In no event shall City be liable for interest or late charges for any late payments.

The Controller is not authorized to pay invoices submitted by Contractor prior to Contractor's submission of HRC Progress Payment Form. If Progress Payment Form is not submitted with Contractor's invoice, the Controller will notify the department, the Director of HRC and Contractor of the omission. If Contractor's failure to provide HRC Progress Payment Form is not explained to the Controller's satisfaction, the Controller will withhold 20% of the payment due pursuant to that invoice until HRC Progress Payment Form is provided. Following City's payment of an invoice, Contractor has ten days to file an affidavit using HRC Payment Affidavit verifying that all subcontractors have been paid and specifying the amount.

6. Guaranteed Maximum Costs. The City's obligation hereunder shall not at any time exceed the amount certified by the Controller for the purpose and period stated in such certification. Except as may be provided by laws governing emergency procedures, officers and employees of the City are not authorized to request, and the City is not required to reimburse the Contractor for, Commodities or Services beyond the agreed upon contract scope unless the changed scope is authorized by amendment and approved as required by law. Officers and employees of the City are not authorized to offer or promise, nor is the City required to honor, any offered or promised additional funding in excess of the maximum amount of funding for which the contract is certified without certification of the additional amount by the Controller. The Controller is not authorized to make payments on any contract for which funds have not been certified as available in the budget or by supplemental appropriation.

- 7. Payment; Invoice Format. Invoices furnished by Contractor under this Agreement must be in a form acceptable to the Controller, and must include a unique invoice number. All amounts paid by City to Contractor shall be subject to audit by City. Payment shall be made by City to Contractor at the address specified in the section entitled "Notices to the Parties."
- 8. Submitting False Claims; Monetary Penalties. Pursuant to San Francisco Administrative Code §21.35, any contractor, subcontractor or consultant who submits a false claim shall be liable to the City for the statutory penalties set forth in that section. The text of Section 21.35, along with the entire San Francisco Administrative Code is available on the web at http://www.municode.com/Library/clientCodePage.aspx?clientID=4201. A contractor, subcontractor or consultant will be deemed to have submitted a false claim to the City if the contractor, subcontractor or consultant: (a) knowingly presents or causes to be presented to an officer or employee of the City a false claim or request for payment or approval; (b) knowingly makes, uses, or causes to be made or used a false record or statement to get a false claim paid or approved by the City; (c) conspires to defraud the City by getting a false claim allowed or paid by the City; (d) knowingly makes, uses, or causes to be made or used a false record or statement to conceal, avoid, or decrease an obligation to pay or transmit money or property to the City; or (e) is a beneficiary of an inadvertent submission of a false claim to the City, subsequently discovers the falsity of the claim, and fails to disclose the false claim to the City within a reasonable time after discovery of the false claim.

9. Left blank by agreement of the parties. (Disallowance)

- 10. Taxes. Payment of any taxes, including possessory interest taxes and California sales and use taxes, levied upon or as a result of this Agreement, or the services delivered pursuant hereto, shall be the obligation of Contractor. Contractor recognizes and understands that this Agreement may create a "possessory interest" for property tax purposes. Generally, such a possessory interest is not created unless the Agreement entitles the Contractor to possession, occupancy, or use of City property for private gain. If such a possessory interest is created, then the following shall apply:
- (1) Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that Contractor, and any permitted successors and assigns, may be subject to real property tax assessments on the possessory interest;
- (2) Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that the creation, extension, renewal, or assignment of this Agreement may result in a "change in ownership" for purposes of real property taxes, and therefore may result in a revaluation of any possessory interest created by this Agreement. Contractor accordingly agrees on behalf of itself and its permitted successors and assigns to report on behalf of the City to the County Assessor the information required by Revenue and Taxation Code section 480.5, as amended from time to time, and any successor provision.
- (3) Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that other events also may cause a change of ownership of the possessory interest and result in the revaluation of the possessory interest. (see, e.g., Rev. & Tax. Code section 64, as amended from time to time). Contractor accordingly agrees on behalf of itself and its permitted successors and assigns to report any change in ownership to the County Assessor, the State Board of Equalization or other public agency as required by law.

- (4) Contractor further agrees to provide such other information as may be requested by the City to enable the City to comply with any reporting requirements for possessory interests that are imposed by applicable law.
- 11. Payment Does Not Imply Acceptance of Work. The granting of any payment by City, or the receipt thereof by Contractor, shall in no way lessen the liability of Contractor to replace unsatisfactory work, equipment, or materials, although the unsatisfactory character of such work, equipment or materials may not have been apparent or detected at the time such payment was made. Materials, equipment, components, or workmanship that do not conform to the requirements of this Agreement may be rejected by City and in such case must be replaced by Contractor without delay.
- 12. Qualified Personnel. Work under this Agreement shall be performed only by competent personnel under the supervision of and in the employment of Contractor. Contractor will comply with City's reasonable requests regarding assignment of personnel, but all personnel, including those assigned at City's request, must be supervised by Contractor. Contractor shall commit adequate resources to complete the project within the project schedule specified in this Agreement.
- 13. Responsibility for Equipment. City shall not be responsible for any damage to persons or property as a result of the use, misuse or failure of any equipment used by Contractor, or by any of its employees, even though such equipment be furnished, rented or loaned to Contractor by City.

14. Independent Contractor; Payment of Taxes and Other Expenses.

- Independent Contractor. Contractor or any agent or employee of Contractor shall be deemed at all times to be an independent contractor and is wholly responsible for the manner in which it performs the services and work requested by City under this Agreement. Contractor or any agent or employee of Contractor shall not have employee status with City, nor be entitled to participate in any plans, arrangements, or distributions by City pertaining to or in connection with any retirement, health or other benefits that City may offer its employees. Contractor or any agent or employee of Contractor is liable for the acts and omissions of itself, its employees and its agents. Contractor shall be responsible for all obligations and payments, whether imposed by federal, state or local law, including, but not limited to, FICA, income tax withholdings, unemployment compensation, insurance, and other similar responsibilities related to Contractor's performing services and work, or any agent or employee of Contractor providing same. Nothing in this Agreement shall be construed as creating an employment or agency relationship between City and Contractor or any agent or employee of Contractor. Any terms in this Agreement referring to direction from City shall be construed as providing for direction as to policy and the result of Contractor's work only, and not as to the means by which such a result is obtained. City does not retain the right to control the means or the method by which Contractor performs work under this Agreement.
- b. Payment of Taxes and Other Expenses. Should City, in its discretion, or a relevant taxing authority such as the Internal Revenue Service or the State Employment Development Division, or both, determine that Contractor is an employee for purposes of collection of any employment taxes, the amounts payable under this Agreement shall be reduced by amounts equal to both the employee and employer portions of the tax due (and offsetting any credits for amounts already paid by Contractor which can be applied against this liability). City shall then forward those amounts to the relevant taxing authority. Should a relevant taxing authority determine a liability for past services performed by Contractor for City, upon notification of such fact by City, Contractor shall promptly remit such amount due or arrange with City to have the amount due withheld from future payments to Contractor under this Agreement (again, offsetting any amounts already paid by Contractor which can be applied as a credit against such liability). A determination of employment status pursuant to the preceding two paragraphs

shall be solely for the purposes of the particular tax in question, and for all other purposes of this Agreement, Contractor shall not be considered an employee of City. Notwithstanding the foregoing, should any court, arbitrator, or administrative authority determine that Contractor is an employee for any other purpose, then Contractor agrees to a reduction in City's financial liability so that City's total expenses under this Agreement are not greater than they would have been had the court, arbitrator, or administrative authority determined that Contractor was not an employee.

15. Insurance.

- a. Without in any way limiting Contractor's liability pursuant to the "Indemnification" section of this Agreement, Contractor must maintain in force, during the full term of the Agreement, insurance in the following amounts and coverages:
- (1) Workers' Compensation, in statutory amounts, with Employers' Liability Limits not less than \$1,000,000 each accident, injury, or illness; and
- (2) Commercial General Liability Insurance with Insurance with limits not less than \$2,000,000 each occurrence, \$2,000,000 aggregate for Bodily Injury and Property Damage, including Contractual Liability, Personal Injury, Products and Completed Operations; and
- (3) Commercial Automobile Liability Insurance with limits not less than \$1,000,000 each occurrence Combined Single Limit for Bodily Injury and Property Damage, including Owned, Non-Owned and Hired auto coverage, as applicable.
- (4) Professional liability insurance, applicable to Contractor's profession, with limits not less than \$2,000,000 each claim with respect to negligent acts, errors or omissions in connection with professional services to be provided under this Agreement.
- b. Commercial General Liability and Commercial Automobile Liability Insurance policies must be endorsed to provide:
- (1) Name as Additional Insured the City and County of San Francisco, its Officers, Agents, and Employees.
- (2) That such policies are primary insurance to any other insurance available to the Additional Insureds, with respect to any claims arising out of this Agreement, and that insurance applies separately to each insured against whom claim is made or suit is brought.
- c. Regarding Workers' Compensation, Contractor hereby agrees to waive subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City for all work performed by the Contractor, its employees, agents and subcontractors.
- d. All policies shall provide thirty days' advance written notice to the City of reduction or nonrenewal of coverages or cancellation of coverages for any reason. Notices shall be sent to the City address in the "Notices to the Parties" section.
- e. Should any of the required insurance be provided under a claims-made form, Contractor shall maintain such coverage continuously throughout the term of this Agreement and, without lapse, for a period of three years beyond the expiration of this Agreement, to the effect that, should occurrences

during the contract term give rise to claims made after expiration of the Agreement, such claims shall be covered by such claims-made policies.

- f. Should any of the required insurance be provided under a form of coverage that includes a general annual aggregate limit or provides that claims investigation or legal defense costs be included in such general annual aggregate limit, such general annual aggregate limit shall be double the occurrence or claims limits specified above.
- g. Should any required insurance lapse during the term of this Agreement, requests for payments originating after such lapse shall not be processed until the City receives satisfactory evidence of reinstated coverage as required by this Agreement, effective as of the lapse date. If insurance is not reinstated, the City may, at its sole option, terminate this Agreement effective on the date of such lapse of insurance.
- h. Before commencing any operations under this Agreement, Contractor shall furnish to City certificates of insurance and additional insured policy endorsements with insurers with ratings comparable to A-, VIII or higher, that are authorized to do business in the State of California, and that are satisfactory to City, in form evidencing all coverages set forth above. Failure to maintain insurance shall constitute a material breach of this Agreement.
- i. Approval of the insurance by City shall not relieve or decrease the liability of Contractor hereunder.
- j. If a subcontractor will be used to complete any portion of this agreement, the Contractor shall ensure that the subcontractor shall provide all necessary insurance and shall name the City and County of San Francisco, its officers, agents and employees and the Contractor listed as additional insureds.

16. Indemnification.

- a. General. To the fullest extent permitted by law, Contractor shall assume the defense of (with legal counsel subject to approval of the City), indemnify and save harmless the City, its boards, commissions, officers, and employees (collectively "Indemnitees"), from and against any and all claims, loss, cost, damage, injury (including, without limitation, injury to or death of an employee of the Contractor or its subconsultants), expense and liability of every kind, nature, and description (including, without limitation, incidental and consequential damages, court costs, attorneys' fees, litigation expenses, fees of expert consultants or witnesses in litigation, and costs of investigation), that arise our of, pertain to, or relate to, directly or indirectly, in whole or in part, the negligence, recklessness, or wilful misconduct of the Contractor, any subconsultant, anyone directly or indirectly employed by them, or anyone that they control (collectively, "Liabilities").
- b. Limitations. No insurance policy covering the Contractor's performance under this Agreement shall operate to limit the Contractor's Liabilities under this provision. Nor shall the amount of insurance coverage operate to limit the extent of such Liabilities. The Contractor assumes no liability whatsoever for the sole negligence, active negligence, or willful misconduct of any Indemnitee or the contractors of any Indemnittee.
- c. Copyright infringement. Contractor shall also indemnify, defend and hold harmless all Indemnitees from all suits or claims for infringement of the patent rights, copyright, trade secret, trade name, trademark, service mark, or any other proprietary right of any person or persons in consequence of the use by the City, or any of its boards, commissions, officers, or employees of articles or services to be

supplied in the performance of Contractor's services under this Agreement. Infringement of patent rights, copyrights, or other proprietary rights in the performance of this Agreement, if not the basis for indemnification under the law, shall nevertheless be considered a material breach of contract.

- 17. Incidental and Consequential Damages. Contractor shall be responsible for incidental and consequential damages resulting in whole or in part from Contractor's acts or omissions. Nothing in this Agreement shall constitute a waiver or limitation of any rights that City may have under applicable law.
- 18. Liability of City. CITY'S PAYMENT OBLIGATIONS UNDER THIS AGREEMENT SHALL BE LIMITED TO THE PAYMENT OF THE COMPENSATION PROVIDED FOR IN SECTION 5 OF THIS AGREEMENT. NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT, IN NO EVENT SHALL CITY BE LIABLE, REGARDLESS OF WHETHER ANY CLAIM IS BASED ON CONTRACT OR TORT, FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR THE SERVICES PERFORMED IN CONNECTION WITH THIS AGREEMENT.
- 19. Left blank by agreement of the parties. (Liquidated damages)
- 20. Default; Remedies. Each of the following shall constitute an event of default ("Event of Default") under this Agreement:
- (1) Contractor fails or refuses to perform or observe any term, covenant or condition contained in any of the following Sections of this Agreement:

8. Submitting false claims

10. Taxes

15. Insurance

24. Proprietary or confidential information of City

30. Assignment

37. Drug-free workplace policy

53. Compliance with laws

55. Supervision of minors

57. Protection of private information

58. Graffiti removal

- (2) Contractor fails or refuses to perform or observe any other term, covenant or condition contained in this Agreement, and such default continues for a period of ten days after written notice thereof from City to Contractor.
- (3) Contractor (a) is generally not paying its debts as they become due, (b) files, or consents by answer or otherwise to the filing against it of, a petition for relief or reorganization or arrangement or any other petition in bankruptcy or for liquidation or to take advantage of any bankruptcy, insolvency or other debtors' relief law of any jurisdiction, (c) makes an assignment for the benefit of its creditors, (d) consents to the appointment of a custodian, receiver, trustee or other officer with similar powers of Contractor or of any substantial part of Contractor's property or (e) takes action for the purpose of any of the foregoing.
- (4) A court or government authority enters an order (a) appointing a custodian, receiver, trustee or other officer with similar powers with respect to Contractor or with respect to any substantial part of Contractor's property, (b) constituting an order for relief or approving a petition for relief or reorganization or arrangement or any other petition in bankruptcy or for liquidation or to take advantage of any bankruptcy, insolvency or other debtors' relief law of any jurisdiction or (c) ordering the dissolution, winding-up or liquidation of Contractor.

On and after any Event of Default, City shall have the right to exercise its legal and equitable remedies, including, without limitation, the right to terminate this Agreement or to seek specific performance of all or any part of this Agreement. In addition, City shall have the right (but no obligation) to cure (or cause to be cured) on behalf of Contractor any Event of Default; Contractor shall pay to City on demand all costs and expenses incurred by City in effecting such cure, with interest thereon from the date of incurrence at the maximum rate then permitted by law. City shall have the right to offset from any amounts due to Contractor under this Agreement or any other agreement between City and Contractor all damages, losses, costs or expenses incurred by City as a result of such Event of Default and any liquidated damages due from Contractor pursuant to the terms of this Agreement or any other agreement. All remedies provided for in this Agreement may be exercised individually or in combination with any other remedy available hereunder or under applicable laws, rules and regulations. The exercise of any remedy shall not preclude or in any way be deemed to waive any other remedy.

21. Termination for Convenience.

- a. City shall have the option, in its sole discretion, to terminate this Agreement, at any time during the term hereof, for convenience and without cause. City shall exercise this option by giving Contractor written notice of termination. The notice shall specify the date on which termination shall become effective.
- b. Upon receipt of the notice, Contractor shall commence and perform, with diligence, all actions necessary on the part of Contractor to effect the termination of this Agreement on the date specified by City and to minimize the liability of Contractor and City to third parties as a result of termination. All such actions shall be subject to the prior approval of City. Such actions shall include, without limitation:
- (1) Halting the performance of all services and other work under this Agreement on the date(s) and in the manner specified by City.
- (2) Not placing any further orders or subcontracts for materials, services, equipment or other items.
 - (3) Terminating all existing orders and subcontracts.
- (4) At City's direction, assigning to City any or all of Contractor's right, title, and interest under the orders and subcontracts terminated. Upon such assignment, City shall have the right, in its sole discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts.
- (5) Subject to City's approval, settling all outstanding liabilities and all claims arising out of the termination of orders and subcontracts.
- (6) Completing performance of any services or work that City designates to be completed prior to the date of termination specified by City.
- (7) Taking such action as may be necessary, or as the City may direct, for the protection and preservation of any property related to this Agreement which is in the possession of Contractor and in which City has or may acquire an interest.
- c. Within 30 days after the specified termination date, Contractor shall submit to City an invoice, which shall set forth each of the following as a separate line item:

- (1) The reasonable cost to Contractor, without profit, for all services and other work City directed Contractor to perform prior to the specified termination date, for which services or work City has not already tendered payment. Reasonable costs may include a reasonable allowance for actual overhead, not to exceed a total of 10% of Contractor's direct costs for services or other work. Any overhead allowance shall be separately itemized. Contractor may also recover the reasonable cost of preparing the invoice.
- (2) A reasonable allowance for profit on the cost of the services and other work described in the immediately preceding subsection (1), provided that Contractor can establish, to the satisfaction of City, that Contractor would have made a profit had all services and other work under this Agreement been completed, and provided further, that the profit allowed shall in no event exceed 5% of such cost.
- (3) The reasonable cost to Contractor of handling material or equipment returned to the vendor, delivered to the City or otherwise disposed of as directed by the City.
- (4) A deduction for the cost of materials to be retained by Contractor, amounts realized from the sale of materials and not otherwise recovered by or credited to City, and any other appropriate credits to City against the cost of the services or other work.
- d. In no event shall City be liable for costs incurred by Contractor or any of its subcontractors after the termination date specified by City, except for those costs specifically enumerated and described in the immediately preceding subsection (c). Such non-recoverable costs include, but are not limited to, anticipated profits on this Agreement, post-termination employee salaries, post-termination administrative expenses, post-termination overhead or unabsorbed overhead, attorneys' fees or other costs relating to the prosecution of a claim or lawsuit, prejudgment interest, or any other expense which is not reasonable or authorized under such subsection (c).
- e. In arriving at the amount due to Contractor under this Section, City may deduct: (1) all payments previously made by City for work or other services covered by Contractor's final invoice; (2) any claim which City may have against Contractor in connection with this Agreement; (3) any invoiced costs or expenses excluded pursuant to the immediately preceding subsection (d); and (4) in instances in which, in the opinion of the City, the cost of any service or other work performed under this Agreement is excessively high due to costs incurred to remedy or replace defective or rejected services or other work, the difference between the invoiced amount and City's estimate of the reasonable cost of performing the invoiced services or other work in compliance with the requirements of this Agreement.
 - f. City's payment obligation under this Section shall survive termination of this Agreement,
- 22. Rights and Duties upon Termination or Expiration. This Section and the following Sections of this Agreement shall survive termination or expiration of this Agreement:
- 8. Submitting false claims
- 9. Disallowance
- 10. Taxes
- 11. Payment does not imply acceptance of work
- 13. Responsibility for equipment
- Independent Contractor; Payment of Taxes and Other Expenses
- 15. Insurance

- 16. Indemnification
- 17. Incidental and Consequential Damages
- 18. Liability of City
- 24. Proprietary or confidential information of City
- 26. Ownership of Results
- 27. Works for Hire
- 28. Audit and Inspection of Records
- 48. Modification of Agreement.

- 49. Administrative Remedy for Agreement Interpretation.
- 50. Agreement Made in California; Venue
- 51. Construction

- 52. Entire Agreement
- 56. Severability
- 57. Protection of private information

Subject to the immediately preceding sentence, upon termination of this Agreement prior to expiration of the term specified in Section 2, this Agreement shall terminate and be of no further force or effect. Contractor shall transfer title to City, and deliver in the manner, at the times, and to the extent, if any, directed by City, any work in progress, completed work, supplies, equipment, and other materials produced as a part of, or acquired in connection with the performance of this Agreement, and any completed or partially completed work which, if this Agreement had been completed, would have been required to be furnished to City. This subsection shall survive termination of this Agreement.

- 23. Conflict of Interest. Through its execution of this Agreement, Contractor acknowledges that it is familiar with the provision of Section 15.103 of the City's Charter, Article III, Chapter 2 of City's Campaign and Governmental Conduct Code, and Section 87100 et seq. and Section 1090 et seq. of the Government Code of the State of California, and certifies that it does not know of any facts which constitutes a violation of said provisions and agrees that it will immediately notify the City if it becomes aware of any such fact during the term of this Agreement.
- 24. Proprietary or Confidential Information of City. Contractor understands and agrees that, in the performance of the work or services under this Agreement or in contemplation thereof, Contractor may have access to private or confidential information which may be owned or controlled by City and that such information may contain proprietary or confidential details, the disclosure of which to third parties may be damaging to City. Contractor agrees that all information disclosed by City to Contractor shall be held in confidence and used only in performance of the Agreement. Contractor shall exercise the same standard of care to protect such information as a reasonably prudent contractor would use to protect its own proprietary data.
- 25. Notices to the Parties. Unless otherwise indicated elsewhere in this Agreement, all written communications sent by the parties may be by U.S. mail, or by e-mail, and shall be addressed as follows:

To City:

Susan Yee

San Francisco Public Utilities Commission

1155 Market Street, 7th Floor San Francisco, CA 94103

(tel.) 415-551-4886 (fax) 415-551-4836

email: syee@sfwater.org

To Contractor:

Joel Faller

KJ/Sheikh/WRE, JV

303 2nd Street

San Francisco, CA 94107

(tel.) 415-243-2150 (fax) 415-896-0999

email: joelfaller@kennedyjenks.com

Any notice of default must be sent by registered mail.

- 26. Ownership of Results. Any interest of Contractor or its Subcontractors, in drawings, plans, specifications, blueprints, studies, reports, memoranda, computation sheets, computer files and media or other documents prepared by Contractor or its subcontractors in connection with services to be performed under this Agreement, shall become the property of and will be transmitted to City. However, Contractor may retain and use copies for reference and as documentation of its experience and capabilities.
- 27. Works for Hire. If, in connection with services performed under this Agreement, Contractor or its subcontractors create artwork, copy, posters, billboards, photographs, videotapes, audiotapes, systems designs, software, reports, diagrams, surveys, blueprints, source codes or any other original works of authorship, such works of authorship shall be works for hire as defined under Title 17 of the United States Code, and all copyrights in such works are the property of the City. If it is ever determined that any works created by Contractor or its subcontractors under this Agreement are not works for hire under U.S. law, Contractor hereby assigns all copyrights to such works to the City, and agrees to provide any material and execute any documents necessary to effectuate such assignment. With the approval of the City, Contractor may retain and use copies of such works for reference and as documentation of its experience and capabilities.
- 28. Audit and Inspection of Records. Contractor agrees to maintain and make available to the City, during regular business hours, accurate books and accounting records relating to its work under this Agreement. Contractor will permit City to audit, examine and make excerpts and transcripts from such books and records, and to make audits of all invoices, materials, payrolls, records or personnel and other data related to all other matters covered by this Agreement, whether funded in whole or in part under this Agreement. Contractor shall maintain such data and records in an accessible location and condition for a period of not less than five years after final payment under this Agreement or until after final audit has been resolved, whichever is later. The State of California or any federal agency having an interest in the subject matter of this Agreement shall have the same rights conferred upon City by this Section.
- 29. Subcontracting. Contractor is prohibited from subcontracting this Agreement or any part of it unless such subcontracting is first approved by City in writing. Neither party shall, on the basis of this Agreement, contract on behalf of or in the name of the other party. An agreement made in violation of this provision shall confer no rights on any party and shall be null and void.
- **30. Assignment.** The services to be performed by Contractor are personal in character and neither this Agreement nor any duties or obligations hereunder may be assigned or delegated by the Contractor unless first approved by City by written instrument executed and approved in the same manner as this Agreement.
- 31. Non-Waiver of Rights. The omission by either party at any time to enforce any default or right reserved to it, or to require performance of any of the terms, covenants, or provisions hereof by the other party at the time designated, shall not be a waiver of any such default or right to which the party is entitled, nor shall it in any way affect the right of the party to enforce such provisions thereafter.
- 32. Earned Income Credit (EIC) Forms. Administrative Code section 12O requires that employers provide their employees with IRS Form W-5 (The Earned Income Credit Advance Payment Certificate) and the IRS EIC Schedule, as set forth below. Employers can locate these forms at the IRS Office, on the Internet, or anywhere that Federal Tax Forms can be found. Contractor shall provide EIC Forms to each Eligible Employee at each of the following times: (i) within thirty days following the date on which this Agreement becomes effective (unless Contractor has already provided such EIC Forms at least once during the calendar year in which such effective date falls); (ii) promptly after any Eligible Employee is

hired by Contractor; and (iii) annually between January 1 and January 31 of each calendar year during the term of this Agreement. Failure to comply with any requirement contained in subparagraph (a) of this Section shall constitute a material breach by Contractor of the terms of this Agreement. If, within thirty days after Contractor receives written notice of such a breach, Contractor fails to cure such breach or, if such breach cannot reasonably be cured within such period of thirty days, Contractor fails to commence efforts to cure within such period or thereafter fails to diligently pursue such cure to completion, the City may pursue any rights or remedies available under this Agreement or under applicable law. Any Subcontract entered into by Contractor shall require the subcontractor to comply, as to the subcontractor's Eligible Employees, with each of the terms of this section. Capitalized terms used in this Section and not defined in this Agreement shall have the meanings assigned to such terms in Section 12O of the San Francisco Administrative Code.

33. Local Business Enterprise Utilization; Liquidated Damages.

a. The LBE Ordinance. Contractor, shall comply with all the requirements of the Local Business Enterprise and Non-Discrimination in Contracting Ordinance set forth in Chapter 14B of the San Francisco Administrative Code as it now exists or as it may be amended in the future (collectively the "LBE Ordinance"), provided such amendments do not materially increase Contractor's obligations or liabilities, or materially diminish Contractor's rights, under this Agreement. Such provisions of the LBE Ordinance are incorporated by reference and made a part of this Agreement as though fully set forth in this section. Contractor's willful failure to comply with any applicable provisions of the LBE Ordinance is a material breach of Contractor's obligations under this Agreement and shall entitle City, subject to any applicable notice and cure provisions set forth in this Agreement, to exercise any of the remedies provided for under this Agreement, under the LBE Ordinance or otherwise available at law or in equity, which remedies shall be cumulative unless this Agreement expressly provides that any remedy is exclusive. In addition, Contractor shall comply fully with all other applicable local, state and federal laws prohibiting discrimination and requiring equal opportunity in contracting, including subcontracting.

b. Compliance and Enforcement.

(1) Enforcement. If Contractor willfully fails to comply with any of the provisions of the LBE Ordinance, the rules and regulations implementing the LBE Ordinance, or the provisions of this Agreement pertaining to LBE participation, Contractor shall be liable for liquidated damages in an amount equal to Contractor's net profit on this Agreement, or 10% of the total amount of this Agreement, or \$1,000, whichever is greatest. The Director of the City's Human Rights Commission or any other public official authorized to enforce the LBE Ordinance (separately and collectively, the "Director of HRC") may also impose other sanctions against Contractor authorized in the LBE Ordinance, including declaring the Contractor to be irresponsible and ineligible to contract with the City for a period of up to five years or revocation of the Contractor's LBE certification. The Director of HRC will determine the sanctions to be imposed, including the amount of liquidated damages, after investigation pursuant to Administrative Code §14B.17.

By entering into this Agreement, Contractor acknowledges and agrees that any liquidated damages assessed by the Director of the HRC shall be payable to City upon demand. Contractor further acknowledges and agrees that any liquidated damages assessed may be withheld from any monies due to Contractor on any contract with City.

Contractor agrees to maintain records necessary for monitoring its compliance with the LBE Ordinance for a period of three years following termination or expiration of this Agreement, and shall make such records available for audit and inspection by the Director of HRC or the Controller upon request.

- (2) Subcontracting Goals. The LBE subcontracting participation goal for this contract is 14 %. Contractor shall fulfill the subcontracting commitment made in its bid or proposal. Each invoice submitted to City for payment shall include the information required in the HRC Progress Payment Form and the HRC Payment Affidavit. Failure to provide the HRC Progress Payment Form and the HRC Payment Affidavit with each invoice submitted by Contractor shall entitle City to withhold 20% of the amount of that invoice until the HRC Payment Form and the HRC Subcontractor Payment Affidavit are provided by Contractor. Contractor shall not participate in any back contracting to the Contractor or lower-tier subcontractors, as defined in the LBE Ordinance, for any purpose inconsistent with the provisions of the LBE Ordinance, its implementing rules and regulations, or this Section.
- Ordinance into each subcontract made in the fulfillment of Contractor's obligations under this Agreement and require each subcontractor to agree and comply with provisions of the ordinance applicable to subcontractors. Contractor shall include in all subcontracts with LBEs made in fulfillment of Contractor's obligations under this Agreement, a provision requiring Contractor to compensate any LBE subcontractor for damages for breach of contract or liquidated damages equal to 5% of the subcontract amount, whichever is greater, if Contractor does not fulfill its commitment to use the LBE subcontractor as specified in the bid or proposal, unless Contractor received advance approval from the Director of HRC and contract awarding authority to substitute subcontractors or to otherwise modify the commitments in the bid or proposal. Such provisions shall also state that it is enforceable in a court of competent jurisdiction. Subcontracts shall require the subcontractor to maintain records necessary for monitoring its compliance with the LBE Ordinance for a period of three years following termination of this contract and to make such records available for audit and inspection by the Director of HRC or the Controller upon request.
- (4) Payment of Subcontractors. Contractor shall pay its subcontractors within three working days after receiving payment from the City unless Contractor notifies the Director of HRC in writing within ten working days prior to receiving payment from the City that there is a bona fide dispute between Contractor and its subcontractor and the Director waives the three-day payment requirement, in which case Contractor may withhold the disputed amount but shall pay the undisputed amount. Contractor further agrees, within ten working days following receipt of payment from the City, to file the HRC Payment Affidavit with the Controller, under penalty of perjury, that the Contractor has paid all subcontractors. The affidavit shall provide the names and addresses of all subcontractors and the amount paid to each. Failure to provide such affidavit may subject Contractor to enforcement procedure under Administrative Code §14B.17.

34. Nondiscrimination; Penalties.

- a. Contractor Shall Not Discriminate. In the performance of this Agreement, Contractor agrees not to discriminate against any employee, City and County employee working with such contractor or subcontractor, applicant for employment with such contractor or subcontractor, or against any person seeking accommodations, advantages, facilities, privileges, services, or membership in all business, social, or other establishments or organizations, on the basis of the fact or perception of a person's race, color, creed, religion, national origin, ancestry, age, height, weight, sex, sexual orientation, gender identity, domestic partner status, marital status, disability or Acquired Immune Deficiency Syndrome or HIV status (AIDS/HIV status), or association with members of such protected classes, or in retaliation for opposition to discrimination against such classes.
- **b.** Subcontracts. Contractor shall incorporate by reference in all subcontracts the provisions of §§12B.2(a), 12B.2(c)-(k), and 12C.3 of the San Francisco Administrative Code (copies of which are

available from Purchasing) and shall require all subcontractors to comply with such provisions. Contractor's failure to comply with the obligations in this subsection shall constitute a material breach of this Agreement.

- c. Nondiscrimination in Benefits. Contractor does not as of the date of this Agreement and will not during the term of this Agreement, in any of its operations in San Francisco, on real property owned by San Francisco, or where work is being performed for the City elsewhere in the United States, discriminate in the provision of bereavement leave, family medical leave, health benefits, membership or membership discounts, moving expenses, pension and retirement benefits or travel benefits, as well as any benefits other than the benefits specified above, between employees with domestic partners and employees with spouses, and/or between the domestic partners and spouses of such employees, where the domestic partnership has been registered with a governmental entity pursuant to state or local law authorizing such registration, subject to the conditions set forth in §12B.2(b) of the San Francisco Administrative Code.
- d. Condition to Contract. As a condition to this Agreement, Contractor shall execute the "Chapter 12B Declaration: Nondiscrimination in Contracts and Benefits" form (form HRC-12B-101) with supporting documentation and secure the approval of the form by the San Francisco Human Rights Commission.
- e. Incorporation of Administrative Code Provisions by Reference. The provisions of Chapters 12B and 12C of the San Francisco Administrative Code are incorporated in this Section by reference and made a part of this Agreement as though fully set forth herein. Contractor shall comply fully with and be bound by all of the provisions that apply to this Agreement under such Chapters, including but not limited to the remedies provided in such Chapters. Without limiting the foregoing, Contractor understands that pursuant to §§12B.2(h) and 12C.3(g) of the San Francisco Administrative Code, a penalty of \$50 for each person for each calendar day during which such person was discriminated against in violation of the provisions of this Agreement may be assessed against Contractor and/or deducted from any payments due Contractor.
- 35. MacBride Principles—Northern Ireland. Pursuant to San Francisco Administrative Code §12F.5, the City and County of San Francisco urges companies doing business in Northern Ireland to move towards resolving employment inequities, and encourages such companies to abide by the MacBride Principles. The City and County of San Francisco urges San Francisco companies to do business with corporations that abide by the MacBride Principles. By signing below, the person executing this agreement on behalf of Contractor acknowledges and agrees that he or she has read and understood this section.
- 36. Tropical Hardwood and Virgin Redwood Ban. Pursuant to §804(b) of the San Francisco Environment Code, the City and County of San Francisco urges contractors not to import, purchase, obtain, or use for any purpose, any tropical hardwood, tropical hardwood wood product, virgin redwood or virgin redwood wood product.
- 37. Drug-Free Workplace Policy. Contractor acknowledges that pursuant to the Federal Drug-Free Workplace Act of 1989, the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited on City premises. Contractor agrees that any violation of this prohibition by Contractor, its employees, agents or assigns will be deemed a material breach of this Agreement.

- **38.** Resource Conservation. Chapter 5 of the San Francisco Environment Code ("Resource Conservation") is incorporated herein by reference. Failure by Contractor to comply with any of the applicable requirements of Chapter 5 will be deemed a material breach of contract.
- 39. Compliance with Americans with Disabilities Act. Contractor acknowledges that, pursuant to the Americans with Disabilities Act (ADA), programs, services and other activities provided by a public entity to the public, whether directly or through a contractor, must be accessible to the disabled public. Contractor shall provide the services specified in this Agreement in a manner that complies with the ADA and any and all other applicable federal, state and local disability rights legislation. Contractor agrees not to discriminate against disabled persons in the provision of services, benefits or activities provided under this Agreement and further agrees that any violation of this prohibition on the part of Contractor, its employees, agents or assigns will constitute a material breach of this Agreement.
- 40. Sunshine Ordinance. In accordance with San Francisco Administrative Code §67.24(e), contracts, contractors' bids, responses to solicitations and all other records of communications between City and persons or firms seeking contracts, shall be open to inspection immediately after a contract has been awarded. Nothing in this provision requires the disclosure of a private person or organization's net worth or other proprietary financial data submitted for qualification for a contract or other benefit until and unless that person or organization is awarded the contract or benefit. Information provided which is covered by this paragraph will be made available to the public upon request.
- 41. Public Access to Meetings and Records. If the Contractor receives a cumulative total per year of at least \$250,000 in City funds or City-administered funds and is a non-profit organization as defined in Chapter 12L of the San Francisco Administrative Code, Contractor shall comply with and be bound by all the applicable provisions of that Chapter. By executing this Agreement, the Contractor agrees to open its meetings and records to the public in the manner set forth in §§12L.4 and 12L.5 of the Administrative Code. Contractor further agrees to make-good faith efforts to promote community membership on its Board of Directors in the manner set forth in §12L.6 of the Administrative Code. The Contractor acknowledges that its material failure to comply with any of the provisions of this paragraph shall constitute a material breach of this Agreement. The Contractor further acknowledges that such material breach of the Agreement shall be grounds for the City to terminate and/or not renew the Agreement, partially or in its entirety.
- Limitations on Contributions. Through execution of this Agreement, Contractor acknowledges that it is familiar with section 1.126 of the City's Campaign and Governmental Conduct Code, which prohibits any person who contracts with the City for the rendition of personal services, for the furnishing of any material, supplies or equipment, for the sale or lease of any land or building, or for a grant, loan or loan guarantee, from making any campaign contribution to (1) an individual holding a City elective office if the contract must be approved by the individual, a board on which that individual serves, or the board of a state agency on which an appointee of that individual serves, (2) a candidate for the office held by such individual, or (3) a committee controlled by such individual, at any time from the commencement of negotiations for the contract until the later of either the termination of negotiations for such contract or six months after the date the contract is approved. Contractor acknowledges that the foregoing restriction applies only if the contract or a combination or series of contracts approved by the same individual or board in a fiscal year have a total anticipated or actual value of \$50,000 or more. Contractor further acknowledges that the prohibition on contributions applies to each prospective party to the contract; each member of Contractor's board of directors, Contractor's chairperson, chief executive officer, chief financial officer and chief operating officer; any person with an ownership interest of more than 20 percent in Contractor; any subcontractor listed in the bid or contract; and any committee that is sponsored or controlled by Contractor. Additionally, Contractor acknowledges that Contractor must inform each of the persons described in the preceding sentence of the prohibitions contained in Section 1.126.

43. Requiring Minimum Compensation for Covered Employees.

- a. Contractor agrees to comply fully with and be bound by all of the provisions of the Minimum Compensation Ordinance (MCO), as set forth in San Francisco Administrative Code Chapter 12P (Chapter 12P), including the remedies provided, and implementing guidelines and rules. The provisions of Sections 12P.5 and 12P.5.1 of Chapter 12P are incorporated herein by reference and made a part of this Agreement as though fully set forth. The text of the MCO is available on the web at www.sfgov.org/olse/mco. A partial listing of some of Contractor's obligations under the MCO is set forth in this Section. Contractor is required to comply with all the provisions of the MCO, irrespective of the listing of obligations in this Section.
- b. The MCO requires Contractor to pay Contractor's employees a minimum hourly gross compensation wage rate and to provide minimum compensated and uncompensated time off. The minimum wage rate may change from year to year and Contractor is obligated to keep informed of the then-current requirements. Any subcontract entered into by Contractor shall require the subcontractor to comply with the requirements of the MCO and shall contain contractual obligations substantially the same as those set forth in this Section. It is Contractor's obligation to ensure that any subcontractors of any tier under this Agreement comply with the requirements of the MCO. If any subcontractor under this Agreement fails to comply, City may pursue any of the remedies set forth in this Section against Contractor.
- c. Contractor shall not take adverse action or otherwise discriminate against an employee or other person for the exercise or attempted exercise of rights under the MCO. Such actions, if taken within 90 days of the exercise or attempted exercise of such rights, will be rebuttably presumed to be retaliation prohibited by the MCO.
- d. Contractor shall maintain employee and payroll records as required by the MCO. If Contractor fails to do so, it shall be presumed that the Contractor paid no more than the minimum wage required under State law.
- e. The City is authorized to inspect Contractor's job sites and conduct interviews with employees and conduct audits of Contractor
- f. Contractor's commitment to provide the Minimum Compensation is a material element of the City's consideration for this Agreement. The City in its sole discretion shall determine whether such a breach has occurred. The City and the public will suffer actual damage that will be impractical or extremely difficult to determine if the Contractor fails to comply with these requirements. Contractor agrees that the sums set forth in Section 12P.6.1 of the MCO as liquidated damages are not a penalty, but are reasonable estimates of the loss that the City and the public will incur for Contractor's noncompliance. The procedures governing the assessment of liquidated damages shall be those set forth in Section 12P.6.2 of Chapter 12P.
- g. Contractor understands and agrees that if it fails to comply with the requirements of the MCO, the City shall have the right to pursue any rights or remedies available under Chapter 12P (including liquidated damages), under the terms of the contract, and under applicable law. If, within 30 days after receiving written notice of a breach of this Agreement for violating the MCO, Contractor fails to cure such breach or, if such breach cannot reasonably be cured within such period of 30 days, Contractor fails to commence efforts to cure within such period, or thereafter fails diligently to pursue such cure to completion, the City shall have the right to pursue any rights or remedies available under applicable law, including those set forth in Section 12P.6(c) of Chapter 12P. Each of these remedies shall be exercisable individually or in combination with any other rights or remedies available to the City.

- h. Contractor represents and warrants that it is not an entity that was set up, or is being used, for the purpose of evading the intent of the MCO.
- i. If Contractor is exempt from the MCO when this Agreement is executed because the cumulative amount of agreements with this department for the fiscal year is less than \$25,000, but Contractor later enters into an agreement or agreements that cause contractor to exceed that amount in a fiscal year, Contractor shall thereafter be required to comply with the MCO under this Agreement. This obligation arises on the effective date of the agreement that causes the cumulative amount of agreements between the Contractor and this department to exceed \$25,000 in the fiscal year.

44. Requiring Health Benefits for Covered Employees.

Contractor agrees to comply fully with and be bound by all of the provisions of the Health Care Accountability Ordinance (HCAO), as set forth in San Francisco Administrative Code Chapter 12Q, including the remedies provided, and implementing regulations, as the same may be amended from time to time. The provisions of section 12Q.5.1 of Chapter 12Q are incorporated by reference and made a part of this Agreement as though fully set forth herein. The text of the HCAO is available on the web at www.sfgov.org/olse. Capitalized terms used in this Section and not defined in this Agreement shall have the meanings assigned to such terms in Chapter 12Q.

- a. For each Covered Employee, Contractor shall provide the appropriate health benefit set forth in Section 12Q.3 of the HCAO. If Contractor chooses to offer the health plan option, such health plan shall meet the minimum standards set forth by the San Francisco Health Commission.
- b. Notwithstanding the above, if the Contractor is a small business as defined in Section 12Q.3(e) of the HCAO, it shall have no obligation to comply with part (a) above.
- c. Contractor's failure to comply with the HCAO shall constitute a material breach of this agreement. City shall notify Contractor if such a breach has occurred. If, within 30 days after receiving City's written notice of a breach of this Agreement for violating the HCAO, Contractor fails to cure such breach or, if such breach cannot reasonably be cured within such period of 30 days, Contractor fails to commence efforts to cure within such period, or thereafter fails diligently to pursue such cure to completion, City shall have the right to pursue the remedies set forth in 12Q.5.1 and 12Q.5(f)(1-6). Each of these remedies shall be exercisable individually or in combination with any other rights or remedies available to City.
- d. Any Subcontract entered into by Contractor shall require the Subcontractor to comply with the requirements of the HCAO and shall contain contractual obligations substantially the same as those set forth in this Section. Contractor shall notify City's Office of Contract Administration when it enters into such a Subcontract and shall certify to the Office of Contract Administration that it has notified the Subcontractor of the obligations under the HCAO and has imposed the requirements of the HCAO on Subcontractor through the Subcontract. Each Contractor shall be responsible for its Subcontractors' compliance with this Chapter. If a Subcontractor fails to comply, the City may pursue the remedies set forth in this Section against Contractor based on the Subcontractor's failure to comply, provided that City has first provided Contractor with notice and an opportunity to obtain a cure of the violation.
- e. Contractor shall not discharge, reduce in compensation, or otherwise discriminate against any employee for notifying City with regard to Contractor's noncompliance or anticipated noncompliance with the requirements of the HCAO, for opposing any practice proscribed by the HCAO, for participating in proceedings related to the HCAO, or for seeking to assert or enforce any rights under the HCAO by any lawful means.
- f. Contractor represents and warrants that it is not an entity that was set up, or is being used, for the purpose of evading the intent of the HCAO.

- g. Contractor shall maintain employee and payroll records in compliance with the California Labor Code and Industrial Welfare Commission orders, including the number of hours each employee has worked on the City Contract:
 - h. Contractor shall keep itself informed of the current requirements of the HCAO.
- i. Contractor shall provide reports to the City in accordance with any reporting standards promulgated by the City under the HCAO, including reports on Subcontractors and Subtenants, as applicable.
- j. Contractor shall provide City with access to records pertaining to compliance with HCAO after receiving a written request from City to do so and being provided at least ten business days to respond.
- k. Contractor shall allow City to inspect Contractor's job sites and have access to Contractor's employees in order to monitor and determine compliance with HCAO.
- 1. City may conduct random audits of Contractor to ascertain its compliance with HCAO. Contractor agrees to cooperate with City when it conducts such audits.
- m. If Contractor is exempt from the HCAO when this Agreement is executed because its amount is less than \$25,000 (\$50,000 for nonprofits), but Contractor later enters into an agreement or agreements that cause Contractor's aggregate amount of all agreements with City to reach \$75,000, all the agreements shall be thereafter subject to the HCAO. This obligation arises on the effective date of the agreement that causes the cumulative amount of agreements between Contractor and the City to be equal to or greater than \$75,000 in the fiscal year.

45. First Source Hiring Program.

- a. Incorporation of Administrative Code Provisions by Reference. The provisions of Chapter 83 of the San Francisco Administrative Code are incorporated in this Section by reference and made a part of this Agreement as though fully set forth herein. Contractor shall comply fully with, and be bound by, all of the provisions that apply to this Agreement under such Chapter, including but not limited to the remedies provided therein. Capitalized terms used in this Section and not defined in this Agreement shall have the meanings assigned to such terms in Chapter 83.
- b. First Source Hiring Agreement. As an essential term of, and consideration for, any contract or property contract with the City, not exempted by the FSHA, the Contractor shall enter into a first source hiring agreement ("agreement") with the City, on or before the effective date of the contract or property contract. Contractors shall also enter into an agreement with the City for any other work that it performs in the City. Such agreement shall:
- (1) Set appropriate hiring and retention goals for entry level positions. The employer shall agree to achieve these hiring and retention goals, or, if unable to achieve these goals, to establish good faith efforts as to its attempts to do so, as set forth in the agreement. The agreement shall take into consideration the employer's participation in existing job training, referral and/or brokerage programs. Within the discretion of the FSHA, subject to appropriate modifications, participation in such programs maybe certified as meeting the requirements of this Chapter. Failure either to achieve the specified goal, or to establish good faith efforts will constitute noncompliance and will subject the employer to the provisions of Section 83.10 of this Chapter.
- (2) Set first source interviewing, recruitment and hiring requirements, which will provide the San Francisco Workforce Development System with the first opportunity to provide qualified economically disadvantaged individuals for consideration for employment for entry level positions.

Employers shall consider all applications of qualified economically disadvantaged individuals referred by the System for employment; provided however, if the employer utilizes nondiscriminatory screening criteria, the employer shall have the sole discretion to interview and/or hire individuals referred or certified by the San Francisco Workforce Development System as being qualified economically disadvantaged individuals. The duration of the first source interviewing requirement shall be determined by the FSHA and shall be set forth in each agreement, but shall not exceed 10 days. During that period, the employer may publicize the entry level positions in accordance with the agreement. A need for urgent or temporary hires must be evaluated, and appropriate provisions for such a situation must be made in the agreement.

- (3) Set appropriate requirements for providing notification of available entry level positions to the San Francisco Workforce Development System so that the System may train and refer an adequate pool of qualified economically disadvantaged individuals to participating employers. Notification should include such information as employment needs by occupational title, skills, and/or experience required, the hours required, wage scale and duration of employment, identification of entry level and training positions, identification of English language proficiency requirements, or absence thereof, and the projected schedule and procedures for hiring for each occupation. Employers should provide both long-term job need projections and notice before initiating the interviewing and hiring process. These notification requirements will take into consideration any need to protect the employer's proprietary information.
- (4) Set appropriate record keeping and monitoring requirements. The First Source Hiring Administration shall develop easy-to-use forms and record keeping requirements for documenting compliance with the agreement. To the greatest extent possible, these requirements shall utilize the employer's existing record keeping systems, be nonduplicative, and facilitate a coordinated flow of information and referrals.
- (5) Establish guidelines for employer good faith efforts to comply with the first source hiring requirements of this Chapter. The FSHA will work with City departments to develop employer good faith effort requirements appropriate to the types of contracts and property contracts handled by each department. Employers shall appoint a liaison for dealing with the development and implementation of the employer's agreement. In the event that the FSHA finds that the employer under a City contract or property contract has taken actions primarily for the purpose of circumventing the requirements of this Chapter, that employer shall be subject to the sanctions set forth in Section 83.10 of this Chapter.
 - (6) Set the term of the requirements.
 - (7) Set appropriate enforcement and sanctioning standards consistent with this Chapter.
- (8) Set forth the City's obligations to develop training programs, job applicant referrals, technical assistance, and information systems that assist the employer in complying with this Chapter.
- (9) Require the developer to include notice of the requirements of this Chapter in leases, subleases, and other occupancy contracts.
- c. Hiring Decisions. Contractor shall make the final determination of whether an Economically Disadvantaged Individual referred by the System is "qualified" for the position.
- d. Exceptions. Upon application by Employer, the First Source Hiring Administration may grant an exception to any or all of the requirements of Chapter 83 in any situation where it concludes that compliance with this Chapter would cause economic hardship.

e. Liquidated Damages. Contractor agrees:

- (1) To be liable to the City for liquidated damages as provided in this section;
- (2) To be subject to the procedures governing enforcement of breaches of contracts based on violations of contract provisions required by this Chapter as set forth in this section;
- (3) That the contractor's commitment to comply with this Chapter is a material element of the City's consideration for this contract; that the failure of the contractor to comply with the contract provisions required by this Chapter will cause harm to the City and the public which is significant and substantial but extremely difficult to quantity; that the harm to the City includes not only the financial cost of funding public assistance programs but also the insidious but impossible to quantify harm that this community and its families suffer as a result of unemployment; and that the assessment of liquidated damages of up to \$5,000 for every notice of a new hire for an entry level position improperly withheld by the contractor from the first source hiring process, as determined by the FSHA during its first investigation of a contractor, does not exceed a fair estimate of the financial and other damages that the City suffers as a result of the contractor's failure to comply with its first source referral contractual obligations.
- (4) That the continued failure by a contractor to comply with its first source referral contractual obligations will cause further significant and substantial harm to the City and the public, and that a second assessment of liquidated damages of up to \$10,000 for each entry level position improperly withheld from the FSHA, from the time of the conclusion of the first investigation forward, does not exceed the financial and other damages that the City suffers as a result of the contractor's continued failure to comply with its first source referral contractual obligations;
- (5) That in addition to the cost of investigating alleged violations under this Section, the computation of liquidated damages for purposes of this section is based on the following data:
- A. The average length of stay on public assistance in San Francisco's County Adult Assistance Program is approximately 41 months at an average monthly grant of \$348 per month, totaling approximately \$14,379; and
- B. In 2004, the retention rate of adults placed in employment programs funded under the Workforce Investment Act for at least the first six months of employment was 84.4%. Since qualified individuals under the First Source program face far fewer barriers to employment than their counterparts in programs funded by the Workforce Investment Act, it is reasonable to conclude that the average length of employment for an individual whom the First Source Program refers to an employer and who is hired in an entry level position is at least one year;

therefore, liquidated damages that total \$5,000 for first violations and \$10,000 for subsequent violations as determined by FSHA constitute a fair, reasonable, and conservative attempt to quantify the harm caused to the City by the failure of a contractor to comply with its first source referral contractual obligations.

(6) That the failure of contractors to comply with this Chapter, except property contractors, may be subject to the debarment and monetary penalties set forth in Sections 6.80 et seq. of the San Francisco Administrative Code, as well as any other remedies available under the contract or at law; and

Violation of the requirements of Chapter 83 is subject to an assessment of liquidated damages in the amount of \$5,000 for every new hire for an Entry Level Position improperly withheld from the first source hiring process. The assessment of liquidated damages and the evaluation of any defenses or mitigating factors shall be made by the FSHA.

- f. Subcontracts. Any subcontract entered into by Contractor shall require the subcontractor to comply with the requirements of Chapter 83 and shall contain contractual obligations substantially the same as those set forth in this Section.
- 46. Prohibition on Political Activity with City Funds. In accordance with San Francisco Administrative Code Chapter 12.G, Contractor may not participate in, support, or attempt to influence any political campaign for a candidate or for a ballot measure (collectively, "Political Activity") in the performance of the services provided under this Agreement. Contractor agrees to comply with San Francisco Administrative Code Chapter 12.G and any implementing rules and regulations promulgated by the City's Controller. The terms and provisions of Chapter 12.G are incorporated herein by this reference. In the event Contractor violates the provisions of this section, the City may, in addition to any other rights or remedies available hereunder, (i) terminate this Agreement, and (ii) prohibit Contractor from bidding on or receiving any new City contract for a period of two (2) years. The Controller will not consider Contractor's use of profit as a violation of this section.
- 47. Preservative-treated Wood Containing Arsenic. Contractor may not purchase preservative-treated wood products containing arsenic in the performance of this Agreement unless an exemption from the requirements of Chapter 13 of the San Francisco Environment Code is obtained from the Department of the Environment under Section 1304 of the Code. The term "preservative-treated wood containing arsenic" shall mean wood treated with a preservative that contains arsenic, elemental arsenic, or an arsenic copper combination, including, but not limited to, chromated copper arsenate preservative, ammoniacal copper zinc arsenate preservative, or ammoniacal copper arsenate preservative. Contractor may purchase preservative-treated wood products on the list of environmentally preferable alternatives prepared and adopted by the Department of the Environment. This provision does not preclude Contractor from purchasing preservative-treated wood containing arsenic for saltwater immersion. The term "saltwater immersion" shall mean a pressure-treated wood that is used for construction purposes or facilities that are partially or totally immersed in saltwater.
- 48. Modification of Agreement. This Agreement may not be modified, nor may compliance with any of its terms be waived, except by written instrument executed and approved in the same manner as this Agreement. Contractor shall cooperate with Department to submit to the Director of HRC any amendment, modification, supplement or change order that would result in a cumulative increase of the original amount of this Agreement by more than 20% (HRC Contract Modification Form).
- 49. Administrative Remedy for Agreement Interpretation. Should any question arise as to the meaning and intent of this Agreement, the question shall, prior to any other action or resort to any other legal remedy, be referred to Purchasing who shall decide the true meaning and intent of the Agreement.
- 50. Agreement Made in California; Venue. The formation, interpretation and performance of this Agreement shall be governed by the laws of the State of California. Venue for all litigation relative to the formation, interpretation and performance of this Agreement shall be in San Francisco.
- 51. Construction. All paragraph captions are for reference only and shall not be considered in construing this Agreement.

- **52.** Entire Agreement. This contract sets forth the entire Agreement between the parties, and supersedes all other oral or written provisions. This contract may be modified only as provided in Section 48, "Modification of Agreement."
- 53. Compliance with Laws. Contractor shall keep itself fully informed of the City's Charter, codes, ordinances and regulations of the City and of all state, and federal laws in any manner affecting the performance of this Agreement, and must at all times comply with such local codes, ordinances, and regulations and all applicable laws as they may be amended from time to time.
- 54. Services Provided by Attorneys. Any services to be provided by a law firm or attorney must be reviewed and approved in writing in advance by the City Attorney. No invoices for services provided by law firms or attorneys, including, without limitation, as subcontractors of Contractor, will be paid unless the provider received advance written approval from the City Attorney.
- 55. Left blank by agreement of the parties. (Supervision of minors)
- 56. Severability. Should the application of any provision of this Agreement to any particular facts or circumstances be found by a court of competent jurisdiction to be invalid or unenforceable, then (a) the validity of other provisions of this Agreement shall not be affected or impaired thereby, and (b) such provision shall be enforced to the maximum extent possible so as to effect the intent of the parties and shall be reformed without further action by the parties to the extent necessary to make such provision valid and enforceable.
- 57. Protection of Private Information. Contractor has read and agrees to the terms set forth in San Francisco Administrative Code Sections 12M.2, "Nondisclosure of Private Information," and 12M.3, "Enforcement" of Administrative Code Chapter 12M, "Protection of Private Information," which are incorporated herein as if fully set forth. Contractor agrees that any failure of Contactor to comply with the requirements of Section 12M.2 of this Chapter shall be a material breach of the Contract. In such an event, in addition to any other remedies available to it under equity or law, the City may terminate the Contract, bring a false claim action against the Contractor pursuant to Chapter 6 or Chapter 21 of the Administrative Code, or debar the Contractor.
- 58. Graffiti Removal. Graffiti is detrimental to the health, safety and welfare of the community in that it promotes a perception in the community that the laws protecting public and private property can be disregarded with impunity. This perception fosters a sense of disrespect of the law that results in an increase in crime; degrades the community and leads to urban blight; is detrimental to property values, business opportunities and the enjoyment of life; is inconsistent with the City's property maintenance goals and aesthetic standards; and results in additional graffiti and in other properties becoming the target of graffiti unless it is quickly removed from public and private property. Graffiti results in visual pollution and is a public nuisance. Graffiti must be abated as quickly as possible to avoid detrimental impacts on the City and County and its residents, and to prevent the further spread of graffiti. Contractor shall remove all graffiti from any real property owned or leased by Contractor in the City and County of San Francisco within forty eight (48) hours of the earlier of Contractor's (a) discovery or notification of the graffiti or (b) receipt of notification of the graffiti from the Department of Public Works. This section is not intended to require a Contractor to breach any lease or other agreement that it may have concerning its use of the real property. The term "graffiti" means any inscription, word, figure, marking or design that is affixed, marked, etched, scratched, drawn or painted on any building, structure, fixture or other improvement, whether permanent or temporary, including by way of example only and without limitation, signs, banners, billboards and fencing surrounding construction sites, whether public or private, without the consent of the owner of the property or the owner's authorized agent, and which is visible from the public right-of-way. "Graffiti" shall not include: (1) any sign or banner that is authorized by, and in

compliance with, the applicable requirements of the San Francisco Public Works Code, the San Francisco Planning Code or the San Francisco Building Code; or (2) any mural or other painting or marking on the property that is protected as a work of fine art under the California Art Preservation Act (California Civil Code Sections 987 et seq.) or as a work of visual art under the Federal Visual Artists Rights Act of 1990 (17 U.S.C. §§ 101 et seq.).

Any failure of Contractor to comply with this section of this Agreement shall constitute an Event of Default of this Agreement.

- 59. Food Service Waste Reduction Requirements. Contractor agrees to comply fully with and be bound by all of the provisions of the Food Service Waste Reduction Ordinance, as set forth in San Francisco Environment Code Chapter 16, including the remedies provided, and implementing guidelines and rules. The provisions of Chapter 16 are incorporated herein by reference and made a part of this Agreement as though fully set forth. This provision is a material term of this Agreement. By entering into this Agreement, Contractor agrees that if it breaches this provision, City will suffer actual damages that will be impractical or extremely difficult to determine; further, Contractor agrees that the sum of one hundred dollars (\$100) liquidated damages for the first breach, two hundred dollars (\$200) liquidated damages for subsequent breaches in the same year, and five hundred dollars (\$500) liquidated damages for subsequent breaches in the same year is reasonable estimate of the damage that City will incur based on the violation, established in light of the circumstances existing at the time this Agreement was made. Such amount shall not be considered a penalty, but rather agreed monetary damages sustained by City because of Contractor's failure to comply with this provision.
- 60. Left blank by agreement of the parties. (Slavery era disclosure)

///

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day first mentioned above.

CITY

Approved:

Ed Harrington General Manager

San Francisco Public Utilities Commission

Approved as to Form:

Dennis J. Herrera City Attorney

CONTRACTOR

By signing this Agreement, I certify that I comply with the requirements of the Minimum Compensation Ordinance, which entitle Covered Employees to certain minimum hourly wages and compensated and uncompensated time off.

I have read and understood paragraph 35, the City's statement urging companies doing business in Northern Ireland to move towards resolving employment inequities, encouraging compliance with the MacBride Principles, and urging San Francisco companies to do business with corporations that abide by the MacBride Principles.

JOER A. FALLER

Printed Name

LENNETLY LENKS CONSULTANTS Company Name
KJ/SHEIKH/WRE JV

303 SECONDST., SUITE 3005. Address FRANCISCO, CA 94107

Z7-3588079 Federal Employer ID Number

Appendices

Services to be provided by Contractor Calculation of Charges A:

B:

Appendix A Services to be provided by Contractor

Contractor agrees to perform said services all in accordance with the terms of this Agreement and of its proposal dated **July 15, 2010** and incorporated by reference as though fully set forth herein. Should there be a conflict of terms, this Agreement shall control over the RFP and the Contractor's proposal.

1. Description of Services

The San Francisco Public Utilities Commission (SFPUC), a department of the City and County of San Francisco seeks to retain the services of the Contractor to provide the SFPUC with specialized engineering services to support the Recycled Water Program Westside and Eastside Projects, including but not limited to needs assessment, alternatives analysis, technical review/support, regulatory permitting services, and operations support services. The Contractor may also be called upon to provide other related engineering support services during the term of the Professional Services Agreement.

2. Task Orders

Performance of the service under this Agreement will be executed according to a task order process, and Contractor is required to provide adequate quality control processes and deliverables in conformance with the technical requirements of the task order. The SFPUC Project Manager will initially identify tasks and request the contractor to propose a project scope, sub tasks, staffing plan, LBE utilization, schedule, deliverables, budget and costs to complete the task in accordance with Appendix B. All costs associated with the development of the scope of work shall be borne by Contractor. A final task order will be negotiated between the SFPUC Project Manager and the Contractor and then submitted to the Bureau Manager for approval. However, as provided in the RFP, the budget, if applicable, identified for tasks is an estimate, and the City reserves the right to modify the applicable budget allocated to any task as more specific information concerning the task order scope becomes available.

The task order request will be processed for Controller certification of funding, after which a Notice to Proceed will be issued. The Contractor is hereby notified that work cannot commence until the Contractor receives a written Notice to Proceed in accordance with the San Francisco Administrative Code. Any work performed without a Notice to Proceed will be at the Contractor's own commercial risk. The calculations of costs and methods of compensation for all task orders under this Agreement shall be in accordance with Appendix B.

These following tasks provide general guidance to the Contractor as to the anticipated scope of work which the SFPUC reserves the right to modify or delete:

A. For the Westside Recycled Water Project:

Design and Construction Phase Services:

Treatment Process Technical Review/Support
City Engineers will lead all aspects of the facility Detailed Design work, including treatment processes. The Contractor will provide technical/expert review of treatment process-related work including major milestone deliverables (35, 65, 95, 100% design packages), as well as other

interim design deliverables. The Contractor may be asked to provide technical memoranda on treatment-related topics, or participate at design meetings.

ii) Operations Support Services

The development of operations plans for recycled water treatment facilities; providing training on facility/treatment process operation; assisting with treatment facility start-up, and treatment system optimization.

iii) Regulatory Permitting Services

The development of regulatory permitting strategies for the implementation of recycled water projects; conducting assessments of distribution systems for compliance with regulatory requirements; assisting in the preparation of regulatory submittals required for the production and distribution of recycled water, and overall permitting of the projects.

B. For the Eastside Recycled Water Project:

• Planning Phase Services:

i) Needs and Alternatives Identification Services

The evaluation of recycled water demand potential, water quality requirements/objectives, identification of project alternatives, and other tasks associated with defining and evaluating project need. Develop cost-benefit model for decision making; facilitate work sessions with SFPUC and project stakeholders to confirm project need and alternatives; prepare Needs Assessment Report.

ii) Alternatives Analysis and Evaluation Services

The identification of project alternatives to meet project need, including evaluation of alternative treatment technologies, recycled water conveyance and distribution schemes. Identify and evaluate factors that will impact the feasibility of alternatives. Facilitate work sessions with SFPUC and other project stakeholders on project alternatives and evaluation process; prepare Alternatives Analysis and Evaluation Report.

iii) Conceptual Engineering Services

The development of recycled water project design criteria for treatment facility components and distribution system hydraulics (pumping, conveyance, storage, etc.); hydraulic analysis required to establish project design criteria; conceptual design of recycled water unit treatment process, including development of treatment process schematics, identification and conceptual design of modifications needed at existing wastewater facilities; evaluation of equipment vendors/options; development of equipment procurement strategy; preparation of Conceptual Engineering chapters and cost estimates related to treatment processes, and hydraulic design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the remaining services to complete the work.

iv) Treatment Process Pilot Testing

The design, procurement, and installation of pilot unit equipment, start-up, troubleshooting, decommissioning/removal of equipment, and specialized laboratory services. City Engineers will take the lead in developing testing plans, and providing staffing to run the pilot; Contractor to provide technical experts to review testing plan, and pilot results, and provide other support to the testing program, as-requested.

• Design and Construction Phase Services:

i) Treatment Process Technical Review/Support

City Engineers will lead all aspects of the facility Detailed Design work, including treatment processes, after the completion of the Conceptual Engineering Report. The Contractor will provide technical/expert review of treatment process-related work including major milestone deliverables (35, 65, 95, 100% design packages), as well as other interim design deliverables. The Contractor may be asked to provide technical memoranda on treatment-related topics, or participate at design meetings.

ii) Operations Support Services

The development of operations plans for recycled water treatment facilities; providing training on facility/treatment process operation; assisting with treatment facility start-up, and treatment system optimization.

iii) Regulatory Permitting Services

The development of regulatory permitting strategies for the implementation of recycled water projects; conducting assessments of distribution systems for compliance with regulatory requirements; assisting in the preparation of regulatory submittals required for the production and distribution of recycled water, and overall permitting of the projects.

D. Optional Tasks

Work on these tasks shall not be initiated without prior authorization from the SFPUC Project Manager. Note that the "not to exceed" Agreement value of \$3,700,000 specified for this project includes the budget allowances provided for these optional tasks.

- i) Harding Park Recycled Water Project the Contractor may be requested to provide technical support during construction and startup.
- ii) Design services the Contractor may be requested to provide optional design services for the Projects;
- iii) Presentations to the SFPUC staff and/or commission, the San Francisco Board of Supervisors, SFPUC stakeholders, and neighborhood or community meetings;
- iv) Professional consultations, expert testimonies, and peer review;
- v) Field inspections at project sites. Confined space entry may be required; and
- vi) Unusual or specific expertise on short notice, within the scope of this RFP, possibly outside of their existing contract team through an SFPUC approval process.

3. Performance Evaluation

Performance evaluations support the SFPUC's objective of continuously improving the quality of Contractor services. The SFPUC may or may not, at its sole discretion, conduct evaluation/s of Contractor's performance. Ratings are ultimately the decision of the SFPUC and are not subject to negotiation with the Contractor. However, the Contractor may provide comments on a performance evaluation form if an evaluation is performed. In the event that the SFPUC conducts performance evaluation(s) of the Contractor, such performance evaluation(s) shall not confer any express or implied rights upon Contractor, nor shall they shift any liability to the SFPUC for the Contractor's performance of the contract.

4. Reports

Contractor shall submit written reports as requested by the SFPUC. Format for the content of such reports shall be determined by the Project Manager. The timely submission of all reports is a necessary and material term and condition of this Agreement. The reports, including any copies, shall be submitted on recycled paper and printed on double-sided pages to the maximum extent possible.

5. Department Liaison

In performing the services provided for in this Agreement, Contractor's liaison with the SFPUC will be: Susan Yee.

Appendix B Calculation of Charges

As part of Contractor's proposal July 15, 2010, Contractor submitted proposed billing rates, attached hereto as Appendix B-1 Fee Schedule Form, for the requested tasks in the Overhead and Profit Schedule, incorporated herein by reference.

As provided in the Overhead and Profit Schedule, the budget identified for tasks is an estimate, and the City reserves the right to modify the budget allocated, if applicable, to any task as more specific information concerning the task order scope becomes available.

1. Billing Rates

Contractor's billing rates and each and every staff classification as stated in Appendix B-1 will be the billing rates for the listed individuals. The billing rate may not exceed the lowest rate charged to any other governmental entity except the City and County of San Francisco. Billing rates may be adjusted annually on the anniversary of the effective start date as indicated in the original Notice of Contract Award letter. The first adjustment may be made no earlier than the first anniversary of the effective start date. The amount of the adjustment is limited to a maximum of the CPI annual percentage change increase (San Francisco Bay Area for Urban Wage Earners and Clerical Workers) for the previous calendar year. No increase, including the annual CPI adjustment, is allowed to billing rates exceeding \$220 per hour, unless Project Manager and Bureau Manager authorize an increase to the rate in writing.

2. Personnel Changes:

Any proposed changes to project personnel or staff classification as listed in Appendix B-1 must be approved in advance of any work commencing on the project and in writing by the SFPUC Project Manager. These personnel changes may include but are not limited to:

- Proposed addition of new project personnel to perform requested services that are within the scope of the Agreement;
- Proposed change of staff classification for existing personnel; and/or
- Proposed replacement or substitution of any employee listed in Appendix B-1 due to termination, promotion or reclassification.

All proposed personnel must meet all qualification requirements established by the Agreement.

3. Effective Overhead and Profit Rate

The Effective Overhead and Profit Rate (EOPR) for CS-109 is 2.8. The EOPR OR Individual Firm Overhead and Profit Rate will apply to the billing rate of all individuals not listed in Appendix B-1. The EOPR will also apply to all amendments to the Agreement. If a new subconsultant is added during the duration of the Agreement, the new individual firm multiplier can be no more than the EOPR.

4. Other Direct Costs (ODC)

Direct reimbursable expenses (ODCs – Other Direct Costs) shall include actual direct costs (with no mark up) of expenses directly incurred in performing the work. All ODCs are subject to preapproval in writing by the SFPUC Project Manager.

The following items will be eligible for reimbursement as ODCs:

- Out-of-town travel ("out-of-town" shall mean outside the nine Bay Area counties: San Francisco, Alameda, Marin, Santa Clara, Sonoma, Contra Costa, Napa, San Mateo, Solano);
- Out- of town meal, travel and lodging expenses for project-related business trips, including, but not limited to:
 - Rental vehicle: traveler must select the most economical contractor and type of vehicle available and acquire any commercial rate or government discount available when the vehicle is rented;
 - o Personal vehicle use: Contractor will be paid per mile as established by the United State Internal Revenue Service and only for that portion of travel that is outside the nine Bay Area counties and non-routine. Should the travel begin or end on a normal workday, the Contractor shall subtract commuting mileage from total mileage to calculate reimbursable mileage. The Contractor shall submit to the City an approved mileage log with its monthly invoices;
 - o Meal and lodging expenses shall be reasonable and actual but limited to Federal government per diem rates;
- Specialty printing ("specialty" as used herein shall mean large volume printing and color printing and requires prior written approval by SFPUC project staff and documentation of the written approval by the SFPUC must be included with the invoice);
- Specialty computer hardware and software (only with prior written approval by SFPUC project staff and documentation of the written approval by the SFPUC must be included with the invoice – all hardware and software will be the property of the City);
- Courier services that are project related and originated from the project site offices;
- Permit fees:
- Expedited courier services when requested by SFPUC staff; and
- Safety equipment.

Anything not listed above is not eligible for reimbursement. They include, but are not limited to:

- All other travel expenses such as parking, bridge tolls, public transit, vehicle
 mileage within the nine Bay Area Counties, travel from Contractor's home office
 to SFPUC facilities;
- Contractor personnel relocation costs;
- Any home or regional office labor charges or pass-throughs, including but not limited to, administrative and clerical personnel time;
- Personnel relocation and temporary assignment expenses:
- Entertainment expenses;
- · Cell phones;
- Home office expenses;

- Telephone calls and faxes originating in the firm's home office, standard computer
 use charges, computer hardware or software computer hardware or software (other
 than the specialty hardware or software mentioned above), communication devices,
 and electronic equipment;
- Meal expenses which are not related to project-related business trips, including refreshments and working lunches with SFPUC staff;
- Equipment to be used by SFPUC staff; and
- Postage and courier services which are not requested by SFPUC staff.

5. Subcontractor make-up and documentation

Second-tier and pass-through subcontracting is prohibited. Additional subcontractors may be added to the contractor team after obtaining pre-authorization by the SFPUC Project Manager, Bureau/Division Manager and the Human Rights Commission.

6. Subcontractor Fees:

- Subject to above restrictions
- Shall be subject to written pre-approval by the SFPUC Regional Project Manager
- Subcontractor administration markup is limited to five percent (5%) of subconsultants' actual labor costs.

7. Retention

Five percent (5%) of each invoice payment will be withheld for each task order. When the work for the task order or defined critical milestones has been completed to the satisfaction of the SFPUC Regional Project Manager and all work products have been received and approved by the SFPUC Regional Project Manager, the Contractor may request that the retention be released. In lieu of money retention, an irrevocable letter of credit acceptable to the City will be accepted.

8. Invoice Requirements

The contractor shall submit one original invoice package with the appropriate HRC reporting forms and supporting documentation to substantiate services provided and allowable ODCs. Original invoices should be sent directly to:

San Francisco Public Utilities Commission Contract Administration Bureau – Centralized Invoice Processing Unit 1155 Market Street, 9th Floor San Francisco, CA 94103

Contractor will work with City Staff to establish an invoice format that will correlate with appropriate City reporting requirements and will be used thereafter.

All invoices must include the following information:

Contract number; Task Order Number; Purchase Order Number(s); Index Code(s); Billing Start Date; and Billing Ending Date. Invoice Supporting Documentation:

All labor hours must be substantiated by timesheet summaries extracted from the Contractor's accounting system. Each timesheet summary shall include the staff person's name, company, dates of the days worked, and the number of hours worked each day.

Mileage ODCs must be accompanied by mileage logs providing the beginning and ending mileage to substantiate the variable portal-to-portal distance and local driving required while performing the work. All other ODCs must be substantiated with copies of original receipts including a brief description for each receipt memorializing the purpose.

HRC Form 7 "Progress Payment Form" must be included with each invoice to identify the participation and amount payable to the subcontractors.

HRC Form 9 "Payment Affidavit" must be sent to the Contract Administration Bureau's Centralized Invoice Processing Unit within ten (10) days of receiving payment for each invoice to document the subcontractor's payment by the prime contractor.

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:			Name of		Estimated	Hourly	Labor	Billing	Labor
ask		Staff	Proposed -	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
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		Engineer/Scientist/Specialist 6	Joul Fafet	KennedylJenks	10	\$72,00	\$720	\$220,00	\$2,200
		Engineer/Scientint/Specialist 6	Dawn Taffer	Kennedy/Jenks	40	\$47.65	\$1,908	\$156.66	\$6,667
		Engineer/Scientist/Specialist 8	Kerwin Allen	Kennedy/Jenks	8	\$82.21	\$658	\$220,00	\$1,760
		Engineer/Scientist/Specialist 8	Vyacheday "Vall Frenkel	KennedytJanks	80	\$79.20	\$6,336	\$220,00	\$17,600
		Engineer/Scientist/Specialist 8	John Wyckoff	Konnedy/Jenks	20	\$78,00	\$1,560	\$220.00	\$4,400
		Engineer/Scientist/Specialist 7	Jean Delxoux	Kennedy/Janks	10	564,83	\$548	\$220.00	\$7,200
		Engineer/Scientist/Specialist 7	Todd Reynolds	KennedyUenka	10	\$81.11	\$611	\$213.78	\$2,138
		Engineer/Scientist/Specialist 4	Ronald Moeller	Kennedy/Jenks	10	\$38,28	\$383	\$133.90	\$1,339
		Engineer/Sciential/Specialist 4	Patrick Treanor	Kennedy/Jenks	25	\$39 25	\$981	\$137.30	\$3,432
	-	Engineer/Scientist/Specialist 4	Morte Cristina Correa	Kennedytjenks	25	\$42.00	\$1,050	\$148,92	\$3,673
	Treatment Process Technical	Engineer/Scientist/Specialist 5	Kapi Verma	Kennedy/Jenke	20	\$40.74	\$515	\$142.51	\$2,850
	Review/Support - City Engineers will	Project Administrator	Dorsen Brundage	Kennedy/Janks	2	\$30.11	\$60	\$105.32	\$211
	lead all sepects of the facility Detailed Design work, including treatment	Engineer/Scientist/Specialist 3	James Barrios	Kennedy/Jenks	20	533,17	\$863	\$116.03	\$2,321
	processes. The Consultant will								
	provide technical/expert review of	Principal	Gustavo Arboleda	WRE	20	\$75.00	\$1.500	\$220.00	\$4,400
	treatment process related work								
A1	including major milestone deliverables (35, 65, 95, 100% design packages).	Principal	Bahmen Shelkh	Behman Sheikh	20	\$82 50	\$1,250	\$200.00	\$4,000
	ne well as other interim design								
	deliverables. The Consultant may be	Recycled Wister Expert	Larry Schimoler	CH2Mhii	10	\$63.43	\$634	\$202.98	\$2,030
	asked to provide technical	Principal Engineer	Mike Nerson	CH2NNI	20	\$87,84	\$1,757	\$220.00	\$4,400
	memoranda on treatment-related topica, or participate at design	Recycled Water Expert	James Lozier	CHZNA	40	\$82.82	\$3,313	\$220.00	58,800
	meetings.	Water Treatment Engineering	Scott Boettcher	CH2Mhil	20	\$69.69	\$1,398	5220.00	\$4,400
	1	Operations and Maintenance	Bill Gierer	CHZMAII	20	572.00	\$1,440	\$220.00	\$4,400
	l	Water Treatment Engineering	Zevnep Erdal	CHZWNI	4	\$54.19	\$217	3173,41	3694
	ĺ	Operations and Maintenance	Brian MacDonald	CHZMNE	20	\$55,64	\$1,133	\$181.25	\$3,825
	i	Wastewater/MBR Expert	George Crayford	CH2MNI	4-	\$98.20	\$393	\$220.00	SANC
	1	Transmitted Market	Code Craminio	- Cr(ZIII)III	-	450,20	+39-3	\$220.00	Japa
	1	Principal	Dave Smith	Merritt Smith Consuting	40	\$81.50	\$3.260	\$220.00	\$8,800
	1		Dare Olisut	menter criteral consound	10	\$81,50	#3,200	4220,00	35,800
	1	Cad Operator	Pavla Furmankova	CADNET	20	\$39.00	\$760	\$65.00	·
	ŀ	Cad Operator	Elia Tkech		10				\$1,300
	İ	Cad Operator		CADNET		\$39.00	\$390	\$65.00	\$650
		Card Operator	Pet Furmanek	CADNET	10	\$39,00	\$390	\$65,00	\$450
	<u> </u>	1	1	TASK A.1 TOTAL	818	\$1,711,54	\$40,804	\$4,975.05	\$117,419

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1			Name of		Estimated	Heurty	Labor	Billing	Labor
ľask		Staff	Proposed	Consultant	Number :	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Person	Name	of Hours	(\$/hour)	= (F)*(G)	(\$/hour)	۰ (F)*(I)
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		Engineer/Scientist/Specialist 8	Josi Fater	Kennedytienks	10	\$72.00	\$720	\$220:00	\$2,200
		Engineer/Scientist/Specialist 6	Own Taffor	KennedylJanks	40	\$47.85	\$1,906	\$166,68	\$6,667
		Engineer/Scientist/Specialist 8	- Kerwin Allen	Kennedyljenks	20	\$82.21	\$1,044	\$220,00	\$4,400
1		Engineer/Scientist/Specialist 8	Brad Musick	Kerwoody/Jenka	120	\$67.56	\$8,107	\$220.0B	\$28,400
		Engineer/Scientist/Specialist 4	Ronald Moster	Kennedy/Jenks	50	\$38.28	\$1,914	\$133.90	\$5,695
		Engineer/Scientist/Specialist 5	Terry Markou	Kennedy/Jenta	50	\$50.67	\$2,544	\$177.94	\$8,897
		Engineer/Scientist/Specialist 6	Vyachoslav "Vel" Frenkel	KennedylJenks	20	\$79.20	\$1,584	\$220.00	\$4,400
		Project Administrator	Dotsen Brundage	KennedytJenka	2	\$30.11	\$60	\$105.32	\$211
			1						
	ì	Principal	Gustavo Arboleda	WRE	40	\$75.00	\$3,000	\$220,00	\$6,80
		Senior Project Manager	Stephanie Knott	WRE	80	\$55,00	\$4,400	\$165,00	\$13,20
		Sanior Project Manager	Marin Roche	WRE	20	\$55.00	\$1,100	\$165,00	\$3,30
	Operations Support Services - development of operations plans for	ITAMAXIMO Specialist	Ellen Butswan	WRE	60	\$48,51	\$2,911	\$145,53	\$8,73
	recycled water permant facilities;	Project Engineer	Laura Allen	WRE	8	\$46,85	\$375	\$140,55	\$1,12
A2	providing training on tecitty/treatment	Project Engineer	Ken Kortkamp	WRE	16	\$43.00	\$888	\$129.00	\$2,06
	process operation; sestating with	Stuff Engineer	May Zhao	WRE	8	\$35.00	\$280	\$105.00	\$84
	treatment facility start-up, and treatment system optimization.	Staff Engineer	Cynthia Cano	WRE	8	\$35.00	\$260	\$105.00	\$84
	Description (system operation)	Staff Engineer	Srichar Ponanci	WRE	8	\$35,00	\$260	\$105,00	\$84
	1	Admin	Gioria Fieltas	WRE	6	\$30,00	\$240	\$90,00	\$72
		Intern	Nadja Rostalski .	WRE	2	\$20.00	\$40	\$80,00	\$12
		Principal	Bahman Shekh	Bahmen Shekh	60	\$62.50	\$3,750	\$200.00	\$12,00
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		Operations and Maintenance	Brian MacDonald	CH2Mhi	50	\$58,64	\$2,832	\$181.25	\$9,06
	,	Operations and Maintenance	Bill Glerer	CH2MNI	50	\$72.00	\$3,500	\$220 00	\$11,00
	1	Security Engineering	Ken Thompson	CH2Nha	6	\$79.31	\$634	\$220.00	\$1,78
	!	Principal, St. Water Resources Engr.	Whited Au	WAU & Company	40	\$92.50	\$3,700	\$220.00	\$8,80
	i	Principal, Reclaimed Water Engineer	· Almon M. Shen	WAU & Company	40	\$85,00	\$3,400	\$187.20	\$8,80
	1	Community Relations	Surane Razzo	WAU & Company	60	\$58,50	\$3,510	31d7 20	\$11,23
DV A	2 TOTAL		·	TASK A.2 TOTAL	958	\$1,534.67	\$80,057	\$4,582.38	\$180,70

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developi strategie recycled sassessi A.3 for com- required preparati required distributi		Engineer/Selentisu/Specialet E Engineer/Selentisu/Specialet G Engineer/Selentisu/Specialet G Engineer/Selentisu/Specialet G Engineer/Selentisu/Specialet 7 Engineer/Selentisu/Specialet 7 Engineer/Selentisu/Specialet 4 Engineer/Selentisu/Specialet 4 Engineer/Selentisu/Specialet B	Joel Faler Dawn Tuffer Krivin Alen Jaan Debruux Yorn Gorman JK Chamberlain Cathy Beyer Gay Carton Mendolb Duant	Kennsch/Jenks Kennsch/Jenks Kennsch/Jenks Kennsch/Jenks Kennsch/Jenks Kennsch/Jenks Kennsch/Jenks Kennsch/Jenks Kennsch/Jenks	10 40 10 40 180	\$72.00 \$47.65 \$82.21 \$64.83	\$720 \$1,908 \$422	\$220.00 \$166,68	\$2,200
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientist/Specialist 6 Engineer/Scientist/Specialist 8 Engineer/Scientist/Specialist 7 Engineer/Scientist/Specialist 7 Engineer/Scientist/Specialist 7 Engineer/Scientist/Specialist 4 Engineer/Scientist/Specialist 4 Engineer/Scientist/Specialist 4 Engineer/Scientist/Specialist 3 Engineer/Scientist/Specialist 3 Engineer/Scientist/Specialist 5	Dawn Taffer Kervin Alen Jean Debroux Yorn Gorman Jif Chamberlein Cathy Berger Gay Carton Meredich Duant	Kennedyl Jenks	40 10 40 180	\$47.65 \$82.21 \$64.83	\$1,908 \$822	\$166,68	
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientist/Specialet 8 Engineer/Scientist/Specialet 7 Engineer/Scientist/Specialet 7 Engineer/Scientist/Specialet 4 Engineer/Scientist/Specialet 4 Engineer/Scientist/Specialet 4 Engineer/Scientist/Specialet 9 Engineer/Scientist/Specialet 9	Kerwin Alen Jaan Debroux Yorn German JK Chambertein Cathy Berger Gary Carton Meredich Duant	Kennedyl Jerks Kennedyl Jenks Kennedyl Jenks Kennedyl Jenks Kennedyl Jenks Kennedyl Jenks	10 40 180	\$82.21 \$64.83	\$822		
developi strategie recycled assessir for com- required preparat required distributi		Engineer/Scienter/Specialet 7 Engineer/Scienter/Specialet 7 Engineer/Scienter/Specialet 7 Engineer/Scienter/Specialet 4 Engineer/Scienter/Specialet 4 Engineer/Scienter/Specialet 8 Engineer/Scienter/Specialet 8 Engineer/Scienter/Specialet 8	Jean Debroux Torn Gorman Jik Chamberlein Cathy Berper Gasy Carton Meredich Douant	Kermedyljenks Konnedyljenks Kennedyljenks Kennedyljenks	40 180	\$64,83		\$220.00	\$6,667
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientist/Specialist 7 Engineer/Scientist/Specialist 4 Engineer/Scientist/Specialist 4 Engineer/Scientist/Specialist 5 Engineer/Scientist/Specialist 5	Yorn Gorman JR Chamberlein Gathy Berger Gasy Carton Meredih Doannt	Kennedy/Jenks Kennedy/Jenks Kennedy/Jenks	180		\$2 593		\$2,200
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientist/Specialist 7 Engineer/Scientist/Specialist 4 Engineer/Scientist/Specialist 4 Engineer/Scientist/Specialist 5 Engineer/Scientist/Specialist 5	Jil Chamberlain Cathy Berger Gasy Carton Meredith Dusant	Kennedytlenks Kennedytlenks		\$81,57		\$220.00	\$8,800
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientiet/Specialist 4 Engineer/Scientiet/Specialist 9 Engineer/Scientiet/Specialist 6	Cathy Berger Gazy Carton Meredith Digant	KennedytJenks	80		\$11,083	\$215.37	\$38,767
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientist/Specialist 9 Engineer/Scientist/Specialist 6	Gary Carton Meredith Durant			\$39.94	\$3,195	\$139,71	\$11,177
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientist/Specialist 6	Meredith Durant	Kennedy/Jenks	80	\$39,37	\$3,150	\$137.72	\$11,017
developi strategie tecycled sassessi for com- required preparat required distribut					20	Bit.182	\$1,640	\$220.00	\$4,400
developi strategie tecycled sassessi for com- required preparat required distribut		Engineer/Scientist/Specialist 5		Kennedy/Jenks	20	\$67.42	\$1,348	\$220:00	\$4,400
developi strategie tecycled sassessi for com- required preparat required distribut			Alicia Stamps	KennedytJenks	20	\$40.22	\$804	5140.69	\$2,814
developi strategie tecycled sassessi for com- required preparat required distribut		Project Administrator	Doreen Brundage	Kennady/Jenks	2	530.11	\$60	\$105 32	\$211
developi strategie tecycled sassessi for com- required preparat required distribut									
developi strategie tecycled sassessi for com- required preparat required distribut	Hory Permitting Services -	Principal	. Gustavo Arboleda	WRE	20	\$75.00	\$1,500	\$220.00	\$4,400
tecycled assessor A.3 for comprequiren preparat required distributi	ment of regulatory permitting	Senior Project Manager	Martin Roche	WRE	40	\$55,00	\$2,200	\$165.00	\$8,600
A.3 for comp required preparati required distributi	es for the implementation of d water projects; conducting	Principal	Bahman Shakh	Behmen Sheikh	20	\$82,50	\$1,250	\$200 00	\$4,000
tednised bebara tednised	ments of distribution systems				40	\$81.50	\$3.260	\$220.00	\$8.800
preparat required distributi	spliance with requisitory	Principal	Dave Smith	Morritt Smith Consulting	40	\$81.5U	\$3,250	\$22000	25,600
required	ments; sesisting in the ation of regulatory submittels	Principal Engineer	Miks Verson	CHONN	40	\$87.84	\$3,514	\$220,00	\$8,800
distribut	d for the production and	Water Treatment Engineering	Mary Vorissis	CH2MMI	40	\$65.68	\$2,626	\$210,11	\$8,40
overal p	tion of recycled water, and			<u> </u>	10	2		\$220 00	\$2.20
	permitting of the projects.	Principal	Robert D. Whitey	Whitey Burchette	20	\$90,68	\$907 . \$828	\$124.17	
١,	•	Engineering Report	Anka Jain	Whitey Burchette	20	\$41,39		3124.17	\$2,483 \$3,940
`		Civil Engineer Administrative Assistant	Rosma S, Ross Merscith Shields	Whitey Burchetle Whitey Surchetle	20	\$65.77 \$35.91	\$1,315 \$718	\$107.73	\$2.15
- [ACTIVISCENTO ASSAURT		VIII Say Duraitale	1	400,81	7110		
		CM Engineer	Catherine Avits	Avia & Associates	20	\$75.00	\$1,500	\$202.50	\$4.05
		Civil Engineer	Emesto A. Avis	Avés & Associates	20	\$75,00	\$1,500	\$202.50	\$4,05
		Permit Specialist	Sandra Etchell	Avita & Associates	10	\$55.00	\$550	\$148.50	\$1,48
i		Environmental Scientist	Janetheo Silve	Avis & Associates	10	\$55,00	\$550	3148.50	\$1,48
		Project Specialist	Maria Rico	Avia & Associates	10	\$35.00	\$350	\$94.50	\$94
ı		Emironmental Scientist	Matt Horowstz	Avéa & Associates	10	\$55.00	\$550	\$148.50	\$1,48
		Chil Engineer	Steven Jones	Avis & Associates	10	\$50,00	\$500	\$135,00	\$1,35
1			Valerie Young	Valeria Young	80	\$160.00	\$9,600	\$160,00	\$9,60
L		Principal		1	1,002	\$1,930,51	\$67,058		\$188,49
		Principal	yaana todag	TASK A.3 TOTAL				\$5,349,81	

` 						Base	Bate		Actual
1		í			Estimated	Heurly	Labor	Billing	Labor
- 1			Name of						
iask		Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Surremery	Chasification	Staff Person	Name	of Hours	(\$/heur)	= (F)*(G)	(\$/hour)	= (F)*(i)
A1	(81 /	761	101	(E)	IFI	res	(H)	nı	1.31
		PROCECTIONS IN THE PROPERTY OF THE						1000	ACTIC COLORED
700	SALEST SALES OF THE PARTY OF TH	Contradora de la contradora del la contradora de la contradora del la contradora de la cont		CUT-STATE AND DESCRIPTION OF		- A-1-			
-	and the second second second second				and the same	and Self-Relation and Self-Relation	and the second	and the second second	and the second
Seller.	September 2011 September 2011	5-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	0-1-11-14	KennedyDenks	60	\$81,98	\$4,919	\$220,00	\$13,200
		Engineer/Scientist/Specialist 8	Craig Lichty Joel Faller	KennedyDenks	- 4	572.00	\$288	\$220,00	\$88
		Engineer/Scientet/Specialist 8	Oswo Taffor	KennedyiJenka	40	\$47.65	\$1,906	\$150.68	\$6,66
		Engineer/Scientet/Specialet 8 Engineer/Scientet/Specialet 8	Kerwin Allen	Kennedyljenks	10	\$82.21	3422	\$220.00	\$2,20
	1	Engineer/Scientis/Specialist 5	Mary Trui	KennedytJenks	32	\$47.25	\$1,512	\$165.28	\$5.28
	;		Patrick Johnston	KennedyJenks KennedyJenks	20	\$45.80	\$912	\$159,51	\$3,190
	j '	Engineer/Scientet/Specialist 6 Engineer/Scientet/Specialist 7		Kennedy/Jenks	4	\$64.83	\$259	\$220,00	3.3,714
	1	Engineer/Sciental/Specialist 7	Jean Debroux Gregg Cummings	KennedylJenks	2	\$60,01	\$120	\$209.91	\$420 \$420
	1	Engineer/Scienter/Specialist 5	Dawn Lealey	KennedytJenks	1-1-	\$86.44	\$268	\$220.00	388
		Engineer/Scients/Specialist 9	Gary Carlion	Kennedy/Jenks	- 2	\$81,98	\$164	\$220.00	344
	1	Engineer/Scienter/Specialist 7	Tom Gorman	Kennedytenks	1 4	\$61,57	\$248	\$215.37	366
		Engineer/Scientist/Specialist 3	Julia Sorenzan	Kennedy/Jenks	- ;	\$33.20	\$266	\$110,13	392
	1	Protect Administrator	Dojaen Brundage	Kennedy/Jenks	2	\$30,11	\$60	\$105.32	\$21
	1	Project Administrator	Dollani Bitarosos	KORHOOPJANIA		#30L11		- 41W.SE	
	!	Principal	Gustavo Arboleda	WRE	40	\$75.00	\$3,000	\$220,00	\$8.80
	E 1	Sanior Project Manager	Stephanie Knott	WRE	120	\$55,00	\$6,600	\$165,00	\$19,80
	ì	Senior Project Manager	Martin Roche	WRE	20	\$55.00	\$1,100	\$185,00	\$3,30
		IT/MAXIMO Specialid	Elian Bulawan	WRE	20	348.51	\$970	\$145.53	52,91
	L	Project Engineer	Laura Allen	WRE	40	\$40.85	\$1,874	\$140.55	35.62
	Needs and Alternatives	Project Engineer	Kan Kortkamp	WRE	1 2 1	\$43.00	\$86	\$129.00	\$75
	Identification Services - The	Staff Engineer	May Zheo	WRE	1 2	\$35.00	\$70	\$105.00	\$21
	evaluation of recycled water demand in potential, water quality	Staff Engineer	Cynthia Cano	WRE	40	\$35.00	\$1,400	\$105,00	\$4,20
	requirements/objectives, identification		Srighar Ponatrui	WRE	40	\$35.00	\$1,400	\$105,00	\$4,20
	of project alternatives, and other tasks		Gioria Fieltas	WRE	7	\$30.00	\$60	\$90,00	\$18
81.1	acrociated with defining and	Intern	Nadie Rostalski	WRE	2	\$20,00	540	\$60.00	512
	evaluating project need. Develop cost-					75			
	benefit model for decision making:	Principal	Sahman Sheikh	Bahman Shekh	300	\$62,50	\$18,750	\$200.00	\$80,00
	facilitate work sessions with SFPUC		- Carling Co.		1		- V	1 1111	, , , , , , , , , , , , , , , , , , , ,
	and project stakeholders to confirm	Principal Engineer	Mike iverson	CH2MNI	a	\$87.84	\$703	\$220.00	\$1,70
	project need and atternatives; prepare	Water Treatment Engineering	Linda MacPherson	CHZMMI		\$60,70	\$485	\$194,24	\$1,55
	Needs Assessment Report	Climate Change/GHG	Jackie Kepke	CH2MNI	2	\$55.20	\$110	\$176.64	\$36
	į.								
	1	Principal	Dave Smith	Merritt Smith Consulting	40	\$81.50	\$3,260	\$220,00	\$8,80
	į.	L							
	1	Manager, Facilistion Services	Mark Adlan	Data instincts	20	\$65,60	\$1,312	\$164.00	\$3,26
	1	Research/Copy Writer	Barry Dugan	Deta Instincta	20	\$46,00	\$920	\$115.00	\$2,30
		Research/Copy Writer	Lisa Brow-Miller	Date Instincts	10	\$50,00	\$500	\$125.00	\$1,25
	i	Principal Principal Infortion and Horticultural Analysis		EWM	20	\$125.00	\$2,500	\$150.00	\$3.00
	I.	Principal, Inglision and Horidonnia Artayus	Chris Weig	Evim	<u> </u>	3125.00	32,300	\$150.00	33,00
	ł	Principal	Robert Raucher	Stratus Consulting	16	\$75.25	31,204	\$209.95	\$3,35
	1	Economist	Jim Henderson	Stratus Consulting	1 10	\$39.61	\$318	\$111.07	\$88
	1	Economist	Edn Mes	Stratus Consulting	t i	\$23.27	\$188	\$64.92	\$51
	1	Economist	Diane Callow	Stratus Consulting	1 1	\$34.00	\$272	\$94.05	575
	1			1	 		 	1	† <u></u>
	i	Principal	Natalie Macris	Natale Macris	60	\$115,00	56,900	\$115,00	\$6,9
	1								L
	1	Principal	Valerie Young	Valerie Yaung	40	\$180,00	\$8,400	\$180.00	\$6,40
	<u> </u>	<u> </u>	L	 	_	L		1	<u> </u>
				TASK B1.1 TOTAL	1,088	\$2,334.66	872,182	\$8,208,97	\$185,7

		·····				B	B		
					l., ., ., .	Base	Base		Actual Lebor
			. Name of		Estimated	Hourty	Labor	Billing	
Task		Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Person	Name	of Hours	(\$/hour)	≈ (F)*(G)	(\$/haur)	= (F)*(i)
				l					ı
[A]	(B)	[6]	[0]	[2]	(F)	[G]	[H]	01	[.]
ABK	WENTSIDEREDYCKED WATER	PRECISCS (DESIGN NUD CONSTRUCTO	W SEE SEE						
		Engineer/Scientist/Specialist 8	Craig Lichty	KennedytJenks	220	\$81,98	\$16,036	\$220,00	\$48,400
		Engineer/Scientist/Specialist 8	Joel Faller	Kennedy/Jenks	10	\$72.00	3720	\$220,00	\$2,200
		Engineer/Scientist/Specialist 6	Daven Taffler	KennedyiJenka	220	\$47.85	\$10,483	\$166,68	\$38,670
		Engineer/Scientist/Specialist 8	Kerwin Allen	Konnedy/Jenks	40	\$82.21	\$3,288	\$220.00	38,800
		Engineer/Scientist/Specialist 5	Mary Treat	Kennedyllenks	85	\$47 25	\$3,760	\$165.28	\$13,222
		Engineer/Scientist/Specialist 6	Patrick Johnston	KennedyDenks	20	\$45,80	\$912	\$159.51	\$3,190
		Engineer/Scientist/Specialist 7	Jean Debroux	KennedylJenka	18	E8.483	\$1,037	- \$229,00	\$3,520
		Engineer/Scientist/Specialist 7	Gregg Cummings	Kennedy/Jenks	18	\$60.01	\$960	\$209,91	\$3,359
		Engineer/Sciental/Specialist 5	Dawn Lealey	KennedylJenka	8	\$56,44	\$532	\$220.00	\$1,760
		Engineer/Scientist/Specialist 9	Gary Carlton	Kennedy/Jenks	8	\$81.98	\$656	\$220.00	\$1,780
		Engineer/Scientist/Specialist 7	Tom Gormen	Kennedy/Jenks	24	\$81 57	\$1,478	\$215.37	\$5,180
		Enginear/Scientist/Specialist 3	Juka Sorenean	KennedylJenks	40	\$33.20	\$1,328	\$116.13	\$4,845
		Project Administrator	Doreen Brundage	Kennedytienke	2	\$30.11	\$60	\$105.32	\$211
		Principal	Gustavo Arboleda	WRE	140	\$75.00	\$10,500	\$220,00	\$30,600
		Senior Project Manager	Stephanie Knott	WRE	180	\$/5.00 \$55.00	\$10,500	\$165,00	\$30,600
		Senior Project Manager	Martin Roche	WRE	80	\$55.00 \$55.00	\$4,400	\$165.00	\$13,200
	,	IT/MAXIMO Specialist	Ellen Butawan	WRE	80	\$48,51	\$3,861	\$145.53	\$11,642
		Project Engineer	Laura Afen	WRE	80	\$46,85	\$3,748	\$140.55	\$11,244
	t	Project Engineer	Ken Kortkamp	WRE	80	\$43.00	\$3,440	\$120.00	\$10,320
	I	Staff Engineer	May Zhao	WRE	40	\$35,00	\$1,400	\$105.00	\$4,200
	ł	Staff Engineer	Cynthia Cano	WRE ·	80	\$35,00	\$2,800	\$105.00	\$6,400
	ĺ	Staff Engineer	Sridhar Ponangi	WRE	60	\$35,00	\$2,800	\$105.00	\$8,400
		Admin	Gioria Fleitas	WRE	40	\$30,00	\$1,200	\$90.00	\$3,600
		intern	Nedja Rostalski	WRE	40	\$20.00	\$800	\$60.00	\$2,400
	Ĭ								
	Akernatives Analysis and	Principal	Behman Sheikh	Bahman Shekh	450	\$62,50	\$30,000	\$200.00	\$95,000
	Evaluation Services - The			1					
	Identification of project alternatives to	Principal Engineer	Mike tversors	CHSWIM	20	\$87,84	\$1,757	\$220,00	\$4,400
	meet project need, including	Water Treatment Engineering	Linds MacPherson	CH2Mbill CH2Mbill	10	\$60,70	\$607	\$194.24	\$1,942
	evaluation of elements beatment	Sanior Water Resources Engineer	Rob Tull	CHZMINE	10	\$75.43	\$754	\$220.00	\$2,200
	technologies, recycled water conveyance and distribution	Principal	Dave Smith	Merritt Smith Consulting	40	381,50	\$3,260	\$220.00	\$8,800-
B1.2	schemes, identify and evaluate factors	1 100094	Care Silver	realist oracl collecting	10 -	301,20	40,200	#220.00	\$4,000
	that will impact the feasibility of	Manager, Facilitation Services	Mark Milan	Data Instincts	20	\$85.60	\$1,312	\$164.00	\$3,280
	atematives. Facilitate work sessions	Research/Copy Writer	Barry Dugan	Data Instincts	20	\$48,00	3920	\$115.00	\$2,300
	with SFPUC and other project	Research/Copy Writer	Lies Brew Miller	Data Instincts	10	\$50,00	\$500	\$125.00	\$1,250
	atakahoklara on project alternatives			1	1	,,,,,,			
	and evaluation process; prepare Afternatives Analysis and Evaluation	Principal, Irrigation and Horticultural Analysis	Chris Willig	EWM	20	\$125.00	\$2,500	\$150,00	\$3,000
	Report.								
		Principal Consultant	Alex Handlets	Bartie Wells	40	\$70.67	\$2,827	\$200,00	\$8,000
		Principal Consultant	Thomas Guffney	Bartle Wells	20	\$70.67	\$1,413	\$200.00	\$4,000
	1	51-5-1	·	L	 		L	L	
	1	Principal	Robert Resicher	Stratus Consulting	40	\$75.25	\$3,010	\$209.95	\$8,398
	i	Economist Economist	Jim Henderson Janet Clements	Stratus Consulting Stratus Consulting	20	\$39,81 \$30,77	\$796 \$615	\$111.07 \$85.85	\$2,221
	1	Economist	Jody Jennings	Stratus Consulting	20	\$22.00	\$440	\$61.38	\$1,717 \$1,228
	1	No. of the last of	OLOY CONTINUES	Ou make Continuing	1 -20	\$22.00	3940	#31,36	\$1,220
	1	Principal	Natalis Macris	Natale Macris	80	\$115,00	\$9,200	\$115.00	\$9,200
	ł	<u> </u>		1	†	7	T	4.100	1 77.200
	i	Principal	Netalin Seyfor	Sayfor Consulting		\$51,80	5494	\$165.01	\$1,320
	I	Project Manager	Brad Saylor	Saylor Consulting	40	\$59.57	\$2,383	\$159.05	56,362
	I	Chief Estimator	Mike Kritscher	Saytor Consulting	20	\$60,77	\$1,215	\$182.26	\$3,245
	1	Service Estimator	Warren Miller	Saylor Consulting	10	\$55.84	\$558	\$149.09	\$1,491
	i	Senior Mechanical	Jody Brumfield	Swylor Consulting	10	\$55.84	\$658	\$149.09	\$1,491
	1	Senior Mechanical	Arnold Levine	Saylot Consulting	10	\$55,84	\$558	\$149.09	. \$1,491
	1	Estimator	Jeff Saylor	Sayfor Consulting	10	\$38.35	\$384	\$102.38	\$1,024
	1	Estimator	Sean Estit	Saylor Consulting	10	\$35.64	\$356	\$95,16	\$952
	1	Technical Services Coordinator	Yoram Mehr	Saylor Consulting	16	\$29.49	\$472	\$78.74	\$1,260
	I	Administrator	Administrator	Saylor Consulting	2	\$22.71	\$45	\$60,64	\$121
			Valeria Young	- Valida Vanna -	40	4480.00		****	
				Valarie Young	40	\$180,00	\$8,400	\$160,00	\$6,400
		Principal Principal	100000000						
				WATER Company	40	102.6D	\$3.700	\$220.00	** ***
		Principal, Sr. Water Resources Engr.	Whited Au Almen M. Shen	WAU & Company WAU & Company	40	\$92.50 \$85.00	\$3,700 \$3,400	\$220,00 \$220,00	\$8,800 \$6,800
			Whited Au Almon M. Shen	WAU & Company	40	\$85.00	\$3,400	\$220.00	\$8,800
		Principal, Sr. Water Resources Engr. Principal, Recisimed Water Engineer	Wolfred Au						

- 1	1	r				Base	Base		Actual
	i l	i !	Name of	i	Estimated	Hourty	Labor'	Billing	Labor
Task	i !	Staff							
	l !		Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Parson	N≛me	ofHours	(\$/hour)	= (F)*(G)	(\$/hour)	= (F)*(I)
	i l	í i			! }				
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		CERCURETE WANDED HOTELD IN							
en Se	PRICE PROPERTY CONTRACTOR						Total Control of the Control		
ļ	1 !	Engineer/Scientist/Specialist 8	Craig Lichty	Kennedytjenka	120	\$81,98	888,92	\$220.00	\$26,400
	i !	Engineer/Scientis/Specialsi 6	Joel Fallet	Kennedytienka	8	\$72.00	\$576	\$220.00	\$1,760
	1 1	Engmen/Scientist/Specialist 6	Dawn Taffei	KennadyUenks	80	\$47.85	\$3,812	\$168,68	\$13,334
,	į į	Engineer/Scientist/Specialet 8	Kerwin Allen	KennedyUenks	24	\$82.21	\$1,973	\$220,00	\$5,280
		Engineer/Scienticl/Specialist 6	Alan Zelenka	Kennedy/Janks	4	\$64.58	\$258	\$220 00	5880
	!	Engineer/Scientist/Specialist 5	Mary Trial	KennedyUenks	80	\$47.25	\$3,780	\$165.28	\$13.222
ļ	†	Engineer/Scientist/Specialist 6	Patrick Johnston	KonnedyUenka	16	\$45,60	\$730	\$150.51	\$2,552
,	1	Engineer/Scienter/Specials (7	Jean Debroux	KennedyLienks	24	\$54.83	\$1,556	\$220.00	\$5,280
	1	Engineer/Scientist/Specialist 7	Gregg Cummings	KennedyLlanks	40	\$60,01	\$2,400	\$209.91	\$8,397
	.	Engineer/Scientist/Specialist 8	Vyacheslav "Val" Franksi	Kennedy/Janks	4	\$79.20	\$317	\$220.00	\$880
	{	Engineer/Scienter/Specialist 9	Gary Carlion	Kennedy/Jenks Kennedy/Jenks	2	\$81 88	\$164	\$220.00	\$440
		Engineer/Scientar/Specialist 7	Tom Gorman	Kennedy/Jenios	40	\$61.57	\$2,483	\$215.37	\$8,615
		Enginee/Scienta/Specialist 3	Julia Socensen	Kennedy/Jenks	40	\$33.20	51,328	\$116.13	54,645
	1	Engineer/Scientist/Specialist 8	John Wyekati	KennedyLienks	16	\$78.00	\$1,248	\$220.00	\$3,520
	j i	Engineer/Scientis/Specialist 8	Mike Joyce	Kennedyl Jenios	8	\$72.31	\$576	\$220.00	51,760
	1	Engineer/Scientist/Specialist 7	Mike Bernes Todd Reynokie	Kennedy/Jenka Kennedy/Jenka	16	\$67.00 \$61.11	\$1,072 \$489	\$220.00	\$3,520 \$1,710
,	1	Engineer/Scientist/Specialist 7							
	1	Project Administrator	Doreen Brandage	Kennedy/Jenka	2	\$30,11	\$60	\$105.32	5211
٠ .		69-1-1			I				
	ł	Principal Serior Project Manager	Gustavo Arboleda Stephenie Knott	WRE	20	\$75.00	\$3,000 \$1,100	\$220.00 \$165.00	\$8,500
- 1	1					\$55.00			\$3,300
	1	Project Engineer	Laura Alan-	WRE	40	\$46.65	\$1,874	\$140,55	\$5,627
	l ·	Project Engineer	Ken Kortkamp	WRE WRE	20	\$43.00	\$700	\$129.00 \$105.00	\$2,580 \$2,100
	1	Staff Engineer	May Zheo		18	\$35.00	\$560		
	Conceptual Engineering Services	Staff Engineer	Cynthia Cano	WRE	16	\$35.00		\$105.00	\$1,68
	The development of recycled water	Staff Engineer	Sridher Ponangi	WRE		\$35,00	\$140	\$105.00	\$42
	project design criteria for treatment	Admin	Gioria Fleitas	WRE	4	\$30.00	\$120	\$90.00	\$360
	facility components and distribution	State of the state	Bahman Sheiith	7-1 01 71	220		\$13,750	\$200.00	\$44,000
	eystem hydrautica (pumping,	Principal	Sanman Shauti	Behmen Shekh	720	\$62.5D	\$13,750	\$200.00	344.00
	correyance, sturage, etc.); hydraulic	Recycled Water Expert			10		\$634	\$202.98	
	analysis required to establish project	Principal Engineer	Larry Schimoler	CH2MM CH2MM	10	\$63.43 \$87.84	\$351	\$220.00	\$2,030 \$880
	design criteria; conceptual design of	Recycled Water Export	James Lozier		 		\$166	\$220.00	\$44
	recycled water unit treatment process.	Weter Treatment Engineering	Scott Boeticher	CH2Mhil CH2Mhil	2	\$82.82 \$60.69	\$140	\$220.00	5440
	including development of treatment process schematics, identification and		Ball Glener	CHZMN	2	\$72.00	\$144	\$220.00	3440
	conceptual design of modifications	Water Treatment Engineering	Zeynep Erdal	CH2Mha	2	\$54,10	\$108	\$173.41	\$34
81,3	needed at existing wastewater	Operations and Maintenance	Brien MacDonald	CHSWIM	1 5	\$56.64	\$113	\$181,25	536
D 1.3	facilities; evaluation of equipment	Wastewater Engineering	Anna Kernkamp	GHZMh#	2	\$70.04	\$140	\$220.00	\$440
	vendors/options; development of	Senior Water Resources Engineer	Rob Tut	CHZMINE	1 2	\$75.43	\$151	\$220.00	5440
	equipment procurement strategy	STATE THE TABLETON	Koo isa	- STIZENIA		313.43	*,51	3770.00	
	preparation of Conceptual	Principal	Dave Smith	Ments Smith Consulting	40	\$61,50	\$3,260	\$220.00	\$8,800
			Cave Gradi	ments street consuming					
						90 (,00			
	Engineering chapters and cost	Principal Interdign and Hodies@Und Analysis	Chite Willia	EWU	40		\$5,000		\$6.00
	estimates	Principal, Inigation and Horticultural Analysis	Chris Wifig Gary Kah	EWM	40	\$125,00	\$5,000 \$5,000	\$150.00	. \$6,000 \$6,000
	estimates related to breatment processes, and hydrautic design criteria. City	Intigation Specialist	Gary Kah	EWM	40	\$125,00 \$125,00	\$5,000	\$150.00 \$150.00	\$8,000
	astimates related to treetment processes, and hydrautic design criteria. City	Principal, Infigation and Horicultural Analysis Intigation Specialist Analysi				\$125,00		\$150.00	\$8,00
	estimates related to treatment processes, and hydrautic design criteria. City Engineers will lead the preparation of	Imgašon Speciačet Analyst	Gary Kah John Whitcomb	EWM	40 20	\$125,00 \$125,00 \$125,00	\$5,000 \$2,500	\$150.00 \$150.00 \$150.00	\$8,000 \$3,000
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Intigation Specialist	Gary Keh John Whitcomb Alex Handlers	EWM EWM Burtle Wells	40 20 20	\$125,00 \$125,00 \$125,00 \$70,67	\$5,000 \$2,500 \$1,413	\$150.00 \$150.00 \$150.00 \$150.00	\$8,00 \$3,00 \$4,00
	estimates related to treetment processes, and hydrautic design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report.	Intigation Specialist Abalyst Principal Consultant	Gary Kah John Whitcomb	EWM	40 20	\$125,00 \$125,00 \$125,00	\$5,000 \$2,500	\$150.00 \$150.00 \$150.00	\$8,00 \$3,00 \$4,00
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Intigation Specialist Analyst Principal Consultant Principal Consultant	Gary Kah John Whitcomb Alex Handlers Thomas Gathay	EWM EWM Bartle Wells Bartle Wells	20 20 20 20	\$125.00 \$125.00 \$125.00 \$70.67 \$70.67	\$5,000 52,500 \$1,413 \$1,413	\$150.00 \$150.00 \$150.00 \$200.00 \$200.00	\$8,00 \$3,00 \$4,00 \$4,00
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Infigation Specialist Analyst Principal Consultant Principal Consultant Principal	Gary Keh John Whitcomb Alex Handlers Thomas Gaffnay G. Ned Neelakantan, Ph.D., P.E., G.E.	EWM EWM Burtle Wells Burtle Wells GTC	20 20 20 20 20	\$125.00 \$125.00 \$125.00 \$70.67 \$70.67	\$5,000 \$2,500 \$1,413 \$1,413	\$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$220.00	\$8,00 \$3,00 \$4,00 \$4,00
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Infragion Specialist Analyst Principal Consultant Principal Consultant Principal Consultant Principal Associate Control Engineer	Gaey Keh John Whitcomb Alex Handers Thomas Gaffney G. Neel Neelskantan, Ph.D., P.E., G.E. Daron van Hoff, P.E., G.E.	EWM EWM Bartia Wella Bartia Wella GTC GTC	20 20 20 20 20 24	\$125.00 \$125.00 \$125.00 \$125.00 \$70.67 \$70.67 \$73.30 \$61.35	\$5,000 \$2,500 \$1,413 \$1,413 \$1,759 \$3,681	\$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$200.00	\$8,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Infigation Specialist Analyst Principal Consultant Principal Consultant Principal	Gary Keh John Whitcomb Alex Handlers Thomas Gaffnay G. Ned Neelakantan, Ph.D., P.E., G.E.	EWM EWM Burtle Wells Burtle Wells GTC	20 20 20 20 20	\$125.00 \$125.00 \$125.00 \$70.67 \$70.67	\$5,000 \$2,500 \$1,413 \$1,413	\$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$220.00	\$8,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Infgator Specialet Analyst Principet Consultant Principel Consultant Principel Principel Principel Principel Principel Principel Project Engineer	Gary Kah John Whitcomb Alex Handers Thomas Gaffney G. Ned Neefskanten, Ph.D., P.E., G.E. Deron van Hoff, P.E., G.E. Dustin Agnew	EWM EWM Buris Wells Buris Wells GTC GTC GTC	20 20 20 20 24 60 80	\$125.00 \$125.00 \$125.00 \$125.00 \$70.57 \$70.67 \$73,30 \$61.35 \$33.32	\$5,000 \$2,500 \$1,413 \$1,413 \$1,759 \$3,681 \$2,666	\$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$220.00 \$198.32 \$106.62	\$5,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77 \$8,53
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Intigation Specialist Analyst Principal Consultant Principal Consultant Principal Consultant Principal Association Contestion Principal Association Contestion Principal Principal Principal Principal	Gay Kath John Whitcomb Aice Handers Thomas Gaffney G. Neel Neel Akantan, Ph.D., P.E., G.E. Dustin Agnew Naister Siryfor Naister Siryfor	EWM EWM EWM Bartie Weite Burie Weite GTC GTC GTC GTC Stylor Consulting	20 20 20 20 24 60 80	\$125.00 \$125.00 \$125.00 \$125.00 \$70.57 \$70.67 \$73.30 \$61.35 \$33.32	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,686	\$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$220.00 \$190.32 \$108.62	\$5,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77 \$8,53
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Intigation Specialist Analyst Principal Consultant Principal Consultant Principal Associativi Consultant Principal Associativi Content Principal Principal Principal Principal	Gay Kah John Whitcomb Alex Handers Thomas Gaffrey G. Ned Neelskantan, Ph.D., P.E., G.E. Deton van Hoff, P.E., G.E. Dusda Agners Red Septor Brad Septor	EWM EWM EWM Bartis Wels Bartis Wels GTC GTC GTC Stylor Consulting Saylor Consulting	20 20 20 20 24 60 80	\$125.00 \$125.00 \$125.00 \$725.00 \$70.57 \$70.67 \$73.30 \$61.35 \$33.32 \$61.60 \$56.67	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$3,681 \$2,886 \$2,886 \$124 \$2,383	\$150.00 \$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$200.00 \$196.32 \$106.62	\$5,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77 \$8,53 \$33 \$4,90
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Integation Specialist Assisted Principle Consultant Principle Consultant Principle Consultant Principle Association Services Association Services Principle	Gay Kah John Whitcomb Alex Handers Thomas Gathey G. Neal Needschan, Ph.D. P.E., G.E. Daron van Hoff, P.E., G.E. Dudin Agnew Neals Seyfor Brid Seyfor Willow Grüncher	EWM EWM EWM Bartie Weite Bartie Weite GTC GTC GTC Stylor Consulting Saylor Consulting Saylor Consulting	20 20 20 20 24 60 80 2 40 16	\$125.00 \$125.00 \$125.00 \$70.57 \$70.67 \$70.67 \$73.30 \$61.35 \$33.32 \$61.80 \$56.57	\$5,000 \$2,500 \$1,413 \$1,413 \$1,759 \$3,681 \$2,680 \$124 \$2,383 \$972	\$150 DO \$150.00 \$150.00 \$200.00 \$200.00 \$200.00 \$196.32 \$106.62 \$165.01 \$155.05 \$167.26	\$6,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77 \$8,53 \$3,33 \$4,30 \$2,59
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternshiring	Infigation Specialist Analysist Principal Consultant Principal Consultant Principal Associativa State Principal As	Gay Kith John Whitcomb Alax Handers Thomas Gaffray Thomas Gaffray G. Neel Neelskanton, P.P.O., P.E., G.E. Dison van Hoff, P.E., G.E. Dison Appey Neate Saylor Bed Saylor Hitle Saylor Hitle Saylor Jose Chartenge Desc Chartenge	EWM EWM Bartis Wells Bartis Wells GTC GTC GTC Stylor Consulting Stylor Consulting Stylor Consulting Stylor Consulting	20 20 20 20 24 60 80 2 40 10	\$125.00 \$125.00 \$125.00 \$125.00 \$70.57 \$70.57 \$73.30 \$61.35 \$33.32 \$61.80 \$59.57 \$60.77	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,413 \$2,686 \$2,686 \$124 \$2,383 \$972 \$578	\$150.00 \$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$200.00 \$190.32 \$106.62 \$150.05 \$150.05 \$157.26	\$5,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77 \$8,53 \$33 \$6,36 \$2,56 \$1,54
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Spanishel Analyst Principal Consultant Principal Consultant Principal Consultant Principal Associate/Society Engineer Project Engineer Principal Register Adeasper Codel Engineer Sealor Engineer Sealor Engineer	Gay Kith John Whitcomb Alex Handers Thomas Geffrey G. Neel Neidskanton, Ph.D., P.E., G.E. Deen van Holf, P.E., G.E. Dools Agner Neids Serke Brad Serke Brad Serke Dess Cleaninge Dess Cleaninge Genocky Katsbann	EWW EWW EWW Burlis Wells Burlis Wells Burlis Wells GTC GTC GTC STC Stylor Consulting Suylor Consulting Suylor Consulting Stylor Consulting Stylor Consulting Stylor Consulting Stylor Consulting Stylor Consulting Stylor Consulting	40 20 20 20 20 24 60 80 80 2 40 16 10 2	\$125,00 \$125,00 \$125,00 \$125,00 \$70,67 \$70,67 \$73,30 \$61,35 \$33,32 \$61,80 \$56,67 \$50,67 \$57,84	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,866 \$124 \$2,383 \$972 \$578 \$112	\$150.00 \$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$220.00 \$190.32 \$106.52 \$150.05 \$150.05 \$150.05 \$150.05 \$150.05 \$150.05	\$5,000 \$3,000 \$4,000 \$4,000 \$5,28 \$11,77 \$8,53 \$33,3 \$6,36 \$5,56 \$1,54 \$2,50
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysis Pritoples Communist Pritoples Communist Pritoples Communist Pritoples Pritoples Associativa Oriente Pritoples	Gay Kith John Whitcomb Alex Handers Thomas Gaffrey Thomas Gaffrey G. Neel Heeldscane, Ph.D., P.E., G.E. Daron van Hoff, P.E., G.E. Daron van Hoff, P.E., G.E. Bend Saylor Bend Saylor Gennach Kertinene Gennach Kertinene	EWIN EWIN Burle Webs Burle Webs Burle Webs GTC GTC GTC Stylor Consuling Seylor Consuling	20 20 20 20 24 60 80 80 16 10 10	\$125.00 \$125.00 \$125.00 \$72.50 \$70.67 \$70.67 \$73.30 \$61.35 \$33.32 \$51.60 \$50.67 \$50.77 \$57.84 \$55.84	\$5,000 \$2,500 \$1,413 \$1,413 \$1,755 \$3,681 \$2,888 \$124 \$2,383 \$972 \$576 \$112 \$576	\$150,00 \$150,00 \$150,00 \$150,00 \$200,00 \$200,00 \$200,00 \$190,32 \$106,62 \$150,05 \$150,05 \$150,26 \$154,43 \$140,09	\$6,000 \$3,000 \$4,000 \$4,000 \$5,28 \$11,77 \$8,530 \$4,300 \$2,59 \$1,54 \$5,28 \$1,54
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Integation Specialist Analyst Principal Consustant Principal Con	Gay Kith John Whitensh Alex Handers Thomas Gaffrey G. Neel Heelskenten, P.D., P.E., G.E. Deno van Hof, P.E., G.E. Double Agreer Neel Serke Bed Serke Bed Serke Mike Kritechen Gestermen John Jerden John Jerden Ken Offel	EWW EWW EWW Burla Wella Burla Wella Burla Wella GTC GTC GTC STC STC Stylor Consulting Surjet Consulting	20 20 20 20 24 60 80 2 40 16 10 2	\$125.00 \$125.00 \$125.00 \$175.00 \$170.67 \$773.30 \$61.35 \$41	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$3,681 \$2,660 \$124 \$2,393 \$972 \$578 \$112 \$558 \$112 \$558	\$150,00 \$150,00 \$150,00 \$150,00 \$200,00 \$200,00 \$190,32 \$100,62 \$150,05 \$150,05 \$152,05 \$154,43 \$149,09 \$149,09 \$149,09	\$6,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77 \$8,50 \$333 \$46,30 \$2,29 \$1,54 \$1,40 \$2,40 \$1,40
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analyst Principal Consultant Principal Consultant Principal Consultant Principal Associativantes Principal Associativantes Principal Principal Principal Associativantes Principal Associativantes Principal Associativantes Principal Associativantes Selvin Estimator	Gay Kith John Whitcomb Alex Handers Thomas Gaffrey Thomas Gaffrey G Neel Seelakann, Ph.D., P.E., G.E. Deron van Hoff, P.E., G.E. Duston Agnery Nated Sarylor Brid Sarylor Brid Sarylor Derio Charennyer Genobly Rotherine Genobly Rotherine Karin Offiell Mittesh Sawlari	EWIN EWIN Burla Wells Burla Wells Burla Wells GTC GTC GTC Style Consuling Septe Consuling	40 20 20 20 20 24 60 80 40 19 10 10 2	\$125.00 \$125.00 \$125.00 \$70.67 \$70.67 \$73.30 \$61.35 \$33.32 \$61.50 \$59.67 \$67.44 \$55.64 \$55.64	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,883 \$2,283 \$072 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$1,581 \$	\$150.00 \$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$220.00 \$198.32 \$105.01 \$159.05 \$167.29 \$154.43 \$149.09 \$149.09 \$149.09 \$149.09	\$6,000 \$3,000 \$4,000 \$4,000 \$5,28 \$11,777 \$8,553 \$6,36 \$2,299 \$1,54 \$2,295 \$1,40 \$2,20 \$1,40 \$2,20 \$1,40 \$2,20 \$1,40 \$2,20 \$2,20 \$1,40 \$2,20 \$1,40 \$2,20 \$1,40 \$2,20 \$2,
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysist Principal Consustant Principal Consustant Principal Principal Associativa Montech Engineer Principal Associativa Montech Engineer Principal Principal Principal Principal Special Spec	Gay Kith John Whitensh Aise Handen Alex Handen Alex Handen Alex Handen Alex Handen Ghoy G. Neel Beelakakana, P.D., P.E., G.E. Denovan Hoff, P.E., G.E. Bed Saylor Hall Saylor Hall Saylor Genovy Kestmann John Johnson John Johnson Hitchesh Sawlord Yorm Mahr	EWW EWW Burle Wells Burle Wells GTC GTC GTC Sylor Consuling	40 20 20 20 24 60 80 80 2 40 10 2 10 2 10 2	\$125.00 \$125.00 \$125.00 \$70.57 \$70.67 \$73.30 \$61.35 \$33.22 \$31.80 \$69.67 \$65.54 \$55.84 \$55.84 \$55.84 \$55.84 \$55.84 \$55.84	\$5,000 \$2,500 \$1,413 \$1,413 \$1,759 \$3,681 \$2,000 \$124 \$2,385 \$972 \$576 \$112 \$568 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$558 \$112 \$112 \$112 \$112 \$112 \$112 \$112 \$11	\$150.00 \$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$190.32 \$106.62 \$155.05 \$159.0	\$6,00 \$3,00 \$4,00 \$4,00 \$5,28 \$11,77 \$8,53 \$6,30 \$2,59 \$1,54 \$1,54 \$1,54 \$2,59 \$1,50
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analyst Principal Consultant Principal Consultant Principal Consultant Principal Associativantes Principal Associativantes Principal Principal Principal Associativantes Principal Associativantes Principal Associativantes Principal Associativantes Selvin Estimator	Gay Kith John Whitcomb Alex Handers Thomas Gaffrey Thomas Gaffrey G Neel Seelakann, Ph.D., P.E., G.E. Deron van Hoff, P.E., G.E. Duston Agnery Nated Sarylor Brid Sarylor Brid Sarylor Derio Charennyer Genobly Rotherine Genobly Rotherine Karin Offiell Mittesh Sawlari	EWIN EWIN Burla Wells Burla Wells Burla Wells GTC GTC GTC Style Consuling Septe Consuling	40 20 20 20 20 24 60 80 40 19 10 10 2	\$125.00 \$125.00 \$125.00 \$70.67 \$70.67 \$73.30 \$61.35 \$33.32 \$61.50 \$59.67 \$67.44 \$55.64 \$55.64	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,883 \$2,283 \$072 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$112 \$5,581 \$1,581 \$	\$150.00 \$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$220.00 \$198.32 \$105.01 \$159.05 \$167.29 \$154.43 \$149.09 \$149.09 \$149.09 \$149.09	\$8,00 \$3,00 \$4,00 \$4,00 \$4,00 \$1,77 \$8,53 \$2,59 \$1,57 \$2,59 \$1,54 \$2,59 \$1,41 \$2,50 \$1,41 \$2,50 \$1,41 \$2,50 \$1,41 \$2,50 \$1,41 \$2,50 \$1,40
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysist Principal Consultant Principal Consultant Principal Consultant Principal Associative Technique Principal Associative Technique Principal Principal Associative Technique Principal Associative Associative Associative Principal Associative Associative Principal Associative Associative Principal Assoc	Gay Kith John Whitensh Alex Handers Thomas Goffrey G. Neel Seedistann, Ph.D., P.E., G.E. Denos van Hoff, P.E., G.E. Denos Goffrey Neel Seedistann Hoffe Seyle Genney Kestenen John Jordan Kewin Offiel Hotensh Seedis Kewin Offiel Hotensh Seedis	EVVM EVVM Butto Wiche Butto Wiche GTC GTC GTC GTC Splot Consulting	20 20 20 20 20 20 20 20 20 20 20 20 20 2	\$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$10.57 \$10.67 \$13.32 \$61.35 \$61.35 \$61.35 \$61.55 \$65.56 \$65.	\$5,000 \$2,500 \$1,413 \$1,413 \$1,759 \$3,681 \$2,000 \$124 \$2,385 \$972 \$576 \$112 \$568 \$112 \$112 \$112 \$112 \$112 \$112 \$112 \$11	\$150.00 \$159.00 \$159.00 \$200.00 \$200.00 \$200.00 \$220.00 \$190.32 \$100.62 \$159.05 \$159.05 \$159.05 \$159.05 \$154.43 \$149.09 \$149.09 \$155.00 \$155.0	\$8,00 \$3,00 \$4,00 \$4,00 \$5,22 \$11,77 \$8,52 \$3,53 \$6,30 \$1,54 \$2,55 \$1,54 \$2,50 \$3,44 \$2,50 \$3,44 \$2,50 \$3,44 \$2,50 \$3,44 \$3,50
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Integation Specialist Analyst Principal Consustant Sanion Excellent Estimator Sanion Excellent Estimator	Gay Kish John Whitensh Alex Handers Thomas Gaffray G Neel Heelskeinin P.D. P.E. GE Deno van Hof, P.E., GE Deno van Hof, P.E., GE Deno van Hof, P.E., GE Hand Serfor Halle Serfor Halle Serfor Halle Serfor Genolety Kentrone	EVVIA EVVIA Burlis Wiels Burlis Wiels Burlis Wiels Burlis Wiels GTC GTC GTC GTC GTC GTC Stylet Committing Signet Committing Signet Committing Stylet Committed Stylet Committed Stylet Committed Stylet S	20 20 20 20 20 30 80 80 10 10 2 10 2 10 2 4 4 10 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$125.00 \$125.00 \$125.00 \$125.00 \$70.67 \$70.67 \$71.30 \$61.30 \$61.50 \$59.67 \$59.6	\$5,000 \$2,500 \$1,413 \$1,443 \$1,443 \$3,681 \$2,866 \$12,4 \$17,5 \$4,75	\$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$200.00 \$200.00 \$190.32 \$106.62 \$105.01 \$159.05 \$159.05 \$159.05 \$154.43 \$149.09 \$149.09 \$149.09 \$155.18 \$155.1	\$8,00 \$3,00 \$4,00 \$4,00 \$5,21 \$11,77 \$8,57 \$3,57 \$4,30 \$2,25 \$2,25 \$31,41 \$2,25 \$31,41
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysist Pritoples Community Pritoples Community Pritoples Community Pritoples Community Pritoples Associative Community Pritoples Associative Community Pritoples	Gay Kith John Whitensh Alex Handers Thomas Gaffrey Thomas Gaffrey G. Neel Heeldscane, P.D., P.E., G.E. Daron van Hoff, P.E., G.E. Daron Carlotte, P.E., G.E. Daron Carlotte, P.E., G.E. Gannack, Kartinonn John Jordan Keyen Official Muteush Sendral Yorem Mahr Annielle Gar General Mahr Annielle Gar Donald Chappel	EWM EVMA Burks Web Burks Web Burks Web Burks Web GTC GTC GTC GTC Styler Committing Styler Committed Styler St	20 20 20 20 20 20 24 60 80 80 10 10 10 2 2 10 10 2 2	\$125.00 \$125.00 \$125.00 \$125.00 \$70.67 \$73.30 \$61.50 \$61.50 \$63.33 \$33.32 \$60.67 \$60.6	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,260 \$124 \$2,383 \$972 \$5,283 \$572 \$572 \$582 \$152 \$583 \$593 \$593 \$593 \$593 \$593 \$593 \$593 \$59	\$150,00 \$150,00 \$150,00 \$200,00 \$200,00 \$200,00 \$200,00 \$200,00 \$150,52 \$150,52 \$150,52 \$150,52 \$150,53 \$150,5	\$8,00 \$3,00 \$4,00 \$4,00 \$5,20 \$11,77 \$8,50 \$3,50 \$1,54 \$2,55 \$1,54 \$2,50 \$1,44 \$2,50 \$1,44 \$2,50 \$1,54
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysis Findings Consultant Findings Consultant Findings	Gay Kish John Whitensh Alex Handers Thoreas Geffrey G Neel Beelekshatan, P.D., P.E., G.E. Denon van Helf, P.E., G.E. Denon van Helf, P.E., G.E. Denon van Helf, P.E., G.E. Denon Sprey Neidel Servic Helle Schecher Deso Clearinger Genonely Kertmen Kein Griell Mitchell Servic Vorem Mah Aderswieleksder Puller Schann Chieg Denole Cheppel Bushan Seyler Denole Cheppel Bushan Sulpan	EWM EWM Burle Web Burle Web GTC GTC GTC GTC Style Committing Style Committed Style Commit	40 20 20 20 20 20 20 80 80 80 10 10 2 2 10 2 2 40 10 2 2 40 10 2 2 40 10 2 40 40 40 40 40 40 40 40 40 40 40 40 40	\$125.00 \$125.00 \$125.00 \$125.00 \$10.57 \$70.67 \$71.35 \$61.55 \$61.50 \$59.67 \$60.7	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$3,681 \$2,866 \$124 \$2,385 \$972 \$578 \$112 \$558 \$112 \$558 \$312 \$356 \$356 \$356 \$356 \$356 \$356 \$356 \$356	\$150.00 \$150.00 \$150.00 \$150.00 \$200.00 \$200.00 \$200.00 \$100.02 \$100.0	\$8,00 \$3,00 \$4,00 \$4,00 \$5,22 \$11,7 \$8,52 \$2,56 \$2,56 \$2,56 \$2,56 \$2,56 \$2,56 \$3,56
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysist Pritoples Community Pritoples Community Pritoples Community Pritoples Community Pritoples Associative Community Pritoples Associative Community Pritoples	Gay Kith John Whitensh Alex Handers Thomas Gaffrey Thomas Gaffrey G. Neel Heeldscane, P.D., P.E., G.E. Daron van Hoff, P.E., G.E. Daron Carlotte, P.E., G.E. Daron Carlotte, P.E., G.E. Gannack, Kartinonn John Jordan Keyen Official Muteush Sendral Yorem Mahr Annielle Gar General Mahr Annielle Gar Donald Chappel	EWM EVMA Burks Web Burks Web Burks Web Burks Web GTC GTC GTC GTC Styler Committing Styler Committed Styler St	20 20 20 20 20 20 24 60 80 80 10 10 10 2 2 10 10 2 2	\$125.00 \$125.00 \$125.00 \$125.00 \$70.67 \$73.30 \$61.50 \$61.50 \$63.33 \$33.32 \$60.67 \$60.6	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,260 \$124 \$2,383 \$972 \$5,283 \$572 \$572 \$582 \$152 \$583 \$593 \$593 \$593 \$593 \$593 \$593 \$593 \$59	\$150,00 \$150,00 \$150,00 \$200,00 \$200,00 \$200,00 \$200,00 \$200,00 \$150,52 \$150,52 \$150,52 \$150,52 \$150,53 \$150,5	\$8,00 \$3,00 \$4,00 \$4,00 \$5,22 \$11,7 \$8,52 \$2,56 \$2,56 \$2,56 \$2,56 \$2,56 \$2,56 \$3,56
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysist Principal Consultant Principal Consultant Principal Associativa Consultant Service Educativa Service Educa	Gay Kish John Whitensh Akir Khanden Ganden Ganden Akir Khanden Akir Kh	EWM EVM Brife Web Brife Web GTC GTC GTC GTC GTC Sepht Consuling Sepht Consulin	40 20 20 20 20 20 24 60 80 80 2 40 10 10 2 2 10 2 2 4 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$125.00 \$125.00 \$125.00 \$125.00 \$170.67 \$773.30 \$61.35 \$33.32 \$55.64 \$55	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,779 \$3,681 \$1,200 \$12,00	3159.00 \$159.00 \$159.00 \$200.00 \$200.00 \$100.00 \$100.02 \$10	\$6,000 \$10,000 \$4,000 \$15,000
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Integration Specialist Analysist Principal Consustant Principal Consustant Principal Consustant Principal Consustant Principal Consustant Principal Consustant Principal Integration Principal Integration Principal Integration Principal Integration Sealor Section of Sealor Section Section Sealor Section	Gay Kith John Whitensh Alex Handers Thomas Gaffrey Thomas Gaffrey G Neel Seedkann, Ph.D., P.E., G.E. Deron van Hoff, P.E., G.E. Brad Sinfor Brad Sinfor Brad Sinfor Deron Charenger Gesch Lebenger Gesch Lebenger Gesch Lebenger Hoff Lebenger Hoff Lebenger Filler (Farant) Chappe Brath Swiften Brath Chappe Brath Chapp	EWM EWM Buts Wals Buts Wals Buts Wals Buts Wals GTC GTC GTC GTC GTC Styler Comulating Sayler Comulatin	40 20 20 20 20 20 20 24 60 80 10 10 12 10 2 10 2 10 2 10 2 10 2 1	\$125.00 \$125.00 \$125.00 \$125.00 \$170.67 \$170.67 \$173.30 \$151.55 \$133.22 \$51.80 \$55.64 \$55.64 \$55.64 \$150.60 \$1	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,686 \$2,383 \$472 \$52,383 \$472 \$52,383 \$472 \$112 \$52,500 \$112 \$112 \$112 \$112 \$112 \$112 \$112 \$1	3150 00 3150 00 3150 00 3150 00 3200 00 3200 00 3200 00 3200 00 3100 02 3100 02 310	\$5,000 \$3,000 \$4,000 \$5,28 \$11,77 \$9,55 \$2,59 \$2,59 \$2,59 \$3,50 \$1
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Infigation Specialist Analysist Fiftings Consultant Fiftings Consultant Fiftings Fif	Gay Kith John Whitensh Alex Handers Alex Handers Thomas Goffrey G. Neel Seelskann, Pr.D., P.E., G.E. Deno van Hoff, P.E., G.E. Deno van Hoff, P.E., G.E. Deno van Hoff, P.E., G.E. Neel Seelskann, P.D. O., P.E. White Series White Series White Series Genoudy Kestronen John Jordan Kewin Offiel Mittensh Series Administration Fullen (Fenny) Chieng Denad Cheppel Buthan Stuffen Buthan Stuffen Whitensh Series Whitensh Mall	EWW EVM Burls Webs Durls Webs GTC GTC GTC GTC GTC Seylor Committing Seylor Committed Seylor Committed	40 20 20 20 20 20 24 60 80 80 10 10 2 2 10 2 2 4 4 4 5 10 2 2 4 4 4 4 4 4 4 5 1 1 2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$125.00 \$125.00 \$125.00 \$125.00 \$105.07 \$10.07 \$170.07 \$173.30 \$61.55 \$11.00 \$15.00 \$1	\$5,000 \$2,500 \$1,412 \$1,413 \$1,413 \$1,413 \$1,413 \$1,413 \$1,201 \$2,200 \$1,201 \$1,201 \$1,201 \$1,001	3159.00 \$159.00 \$200.00 \$200.00 \$200.00 \$200.00 \$190.02 \$100.02 \$100.02 \$100.02 \$100.02 \$100.02 \$100.02 \$100.02 \$10	\$5,000 \$4,000 \$4,000 \$5,220 \$11,77 \$15,27 \$15,27 \$15,27 \$15,27 \$2,25,25 \$2,25
	estimates related to breatment processes, and hydratilis design criteria. City Engineers will lead the preparation of the Conceptual Engineering Report, and will provide the ternativing	Integration Specialist Analysist Principal Consustant Principal Consustant Principal Consustant Principal Consustant Principal Consustant Principal Consustant Principal Integration Principal Integration Principal Integration Principal Integration Sealor Section of Sealor Section Section Sealor Section	Gay Kith John Whitensh Alex Handers Thomas Gaffrey Thomas Gaffrey G Neel Seedkann, Ph.D., P.E., G.E. Deron van Hoff, P.E., G.E. Brad Sinfor Brad Sinfor Brad Sinfor Deron Charenger Gesch Lebenger Gesch Lebenger Gesch Lebenger Hoff Lebenger Hoff Lebenger Filler (Farant) Chappe Brath Swiften Brath Chappe Brath Chapp	EWM EWM Buts Wals Buts Wals Buts Wals Buts Wals GTC GTC GTC GTC GTC Styler Comulating Sayler Comulatin	40 20 20 20 20 20 20 24 60 80 10 10 12 10 2 10 2 10 2 10 2 10 2 1	\$125.00 \$125.00 \$125.00 \$125.00 \$170.67 \$170.67 \$173.30 \$151.55 \$133.22 \$51.80 \$55.64 \$55.64 \$55.64 \$150.60 \$1	\$5,000 \$2,500 \$1,413 \$1,413 \$1,413 \$1,759 \$3,681 \$2,686 \$2,383 \$472 \$52,383 \$472 \$52,383 \$472 \$112 \$52,500 \$112 \$112 \$112 \$112 \$112 \$112 \$112 \$1	3150 00 3150 00 3150 00 3150 00 3200 00 3200 00 3200 00 3200 00 3100 02 3100 02 310	\$5,000 \$3,000 \$4,000 \$5,28 \$11,77 \$9,55 \$2,59 \$2,59 \$2,59 \$3,50 \$1

						· Base	Base		Actual
			Name of	1	Estimated	Hourty	Labor	Bling	Labor
Task		Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Summery	Classification	Staff Person	Name	of Hours	(\$/hour)	= (F)*(G)	(\$/hour)	= (F)*(I)
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A3	[B] .	[0]	[0]	[E]		{G}_	[H]		[Л
KA	VEGENDERE CYTELE DE WATER	PROJECTIONAL AND CONSTRUCT	ON THE RESERVE OF THE PARTY OF	STATE OF STREET			能響響器	施修	地名西班 纳
		Engineer/Scrential/Special of 8	Creis Lichty	Kennedy/Jenks	120	\$81.98	\$9,838	\$220.00	\$26,400
- 1		Engineer/Scientist/Specialist 8	Joel Faller	KennedyJenks	20	\$72.00	\$1,440	\$220,00	\$4,40
		Engineer/Scientist/Specusist 6	Daven Taiffor	KennedylJanks	160	\$47.65	\$7.824	\$166,68	\$26.68
		Engineer/Scientist/Specialist 8	Kerwin Afen	Kennedyljenks	40	\$82.21	\$3.288	\$220 00	\$8,80
		Engineer/Scientist/Specialist 8	Vvacheslay Vol Frenkel	Kennedyljenks	200	\$79.20	\$15,840	\$220.00	\$44,000
		Engineer/Scientist/Specialist 8	John Wyckoff	KennedyUsnks	40	\$78,00	\$3,120	\$220,00	59,60
		Engineer/Scientet/Specialist 7	Jean Debroux	Kennedy/Jenks	60	\$64.83	\$5.186	\$220,00	\$17.60
		Engineer/Scientist/Specialist 7	Todd Reynolds	KennedyUenka	160	\$61,11	\$9,778	\$213.76	\$34,20
		Engineer/Scientis/Specialist 4	Ronald Moeller	Kennedy/Jenks	DO.	\$38.28	\$3,062	\$123,90	\$10,71
- 1		Engineer/Scientist/Specialist 4	Patrick Treanor	Kennedy/Jenks	240	\$39.25	\$8,420	\$137,30	\$32,95
	Treatment Process Pilot Testing -	Engineer/Scientist/Specialist 4	Maria Cristina Correa	Kennedyljenks	120	\$42,00	\$5,040	\$146.92	\$17,60
	The design, progressed, and	Engineer/Scientist/Speciatist 5	Kapi Verme	Kennedy/Jenks	40	\$40,74	\$1,830	\$142.51	\$5,70
	installation of pilot unit equipment.	Engineer/Scientist/Specialist 3	James Barrios	Kennedy/Jenks	20	\$33,17	\$663	\$116,03	\$2.30
		Project Administrator	Doreen Brandage	Kennedyklenke	2	\$30.11	\$60	\$105.32	\$2
	decommissioning/removal of				1				
	equipment, and specialized laboratory	Principal	Gustavo Artsoleda	WRE	60	\$75,00	\$4,500	\$220.00	\$13.20
1.4	services. City Engineers will take the		1		1				
1.4	lead in developing testing plans, and	Principal	Bahman Sheikh	Bahman Sheikh	80	\$62,50	\$5,000	\$200.00	\$16.00
	providing staffing to run the plot						13034		
	Consultant to provide technical	Recycled Water Expert	Larry Schimolar	CH2Mhill	80	-\$63,43	\$5,074	\$202.98	\$18.2
	experts to review testing plan, and	Principal Engineer	Mike Iverent	CHZMNIII	40	\$87.84	\$3,514	\$220.00	\$8.8
	pilot results, and provide other	Recycled Water Expert	James Lozier	CH2Mhill	200	\$82.82	\$16,564	\$220.00	\$44.00
	support to the testing program, as-	Water Trestment Engineering	Scott Boetlicher	CHZMINA	80	\$69.60	\$5,591	·\$220.00	\$17.8
	requested.	Operations and Maintenance	Bill Glaver	CHZMNI	aŭ.	\$72.00	35.760	\$220,00	\$17.6
		Water Treatment Engineering	Zeynep Erdal.	CHZMAN	40	\$54.10	\$2,168	\$173.41	\$6,9
		Pilot Testing and Alternatives Analysis	Bill Bellamy	CHZANN	40	\$96,16	\$3,846	\$220,00	\$8,8
		Operations and Maintenance	Brian MacDonald	CH2Mbil	80	\$56.64	\$4,531	\$181.25	\$14,50
		Principal	Dave Smith	Memit Smith Consulting	20	\$81,50	\$1,830	\$220.00	\$4,4
		Cad Operator	Pavla Furmankova	CADNET	20	\$39.00	\$780	\$65.00	\$1,3
		Cad Operator	Elle Tkach	CADNET	10	\$39,00	\$390	\$65.00	36
		Card Operator	Petr Furmanek	CADNET	10	\$39.00	\$380	\$65,00	\$6
_		<u> </u>		TASK B1.4 TOTAL	2,182	\$1,709.50	\$135,728	\$4,975,05	\$411.07

						Base	Base		Actual
			Name of	•	Estimated	Hourly	Labor	Billing	Labor
ask		Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Person	Name	of Hours	(\$/hour)	= (F)*(G)	(\$/hour)	= (F)*(I)
	140.000,000,000			} ''	01710412	(40.00-0)	(.,	(4	070
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8 X A	WEST NOT RECYCLED WATER	PROJECT DEMON MIN CONSTRUCT	ON						A
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		Engineer/Spientist/Specialist 8	Creig Lighty	KannedyUsoks	80	\$81.98	\$6,558	\$220.00	\$17,600
		Engineer/Sciented/Specialist 8	Joel Faller	Kennedy/Jenke	20	\$72.00	\$1,440	\$220.00	\$4,40
	1	Engineer/Scientist/Specialist 6	Dawn Teffer	KennedyJenks	40	\$47.65	\$1,906	\$156,68	\$6,66
	j	Engineer/Scientis/Specialist 8	Kerwin Allen	Kennedyljenka	1-7-	\$82.21	5329	\$220 D0	\$88
	l .	Engineer/Scientist/Specialist &	Wachesley Val Frenkel	Kermedr/Jenks	40	\$79.20	\$3,168	\$220.00	\$8,80
		Empineer/Scientist/Specialist B	John Wyckoff	Kennedy/Jenks		\$78.00	\$312	\$220.00	882
		Engineer/Scientist/Specialist 7	Jean Debroux	Kennedy/Jenks	12	564.63	\$77B	\$220.00	\$2.64
	· ·	Engineer/Scientist/Specialist 7	Todd Reynolds	Kennedy/Jenks	40	\$81.11	\$2,444	\$213.76	\$9.55
	Ì	Engineer/Scientis/Specialist 4	Ronald Moeller	Kennedy/Jenks	32	\$38.26	\$1,225	\$133.90	\$4.28
	l	Engineer/Spientx/Specialst 4	Patrick Treamor	Kennady/Jenks	16	\$39.25	\$628	\$137.30	\$2,19
	Treatment Process Technical	Engineer/Scientist/Specialist 4	Maria Cristina Correa	Kennedyljanks	16	\$42.00	\$672	\$145.92	\$2.39
	Review/Support - City Engineers will lead at supacts of the facility Detailed	Engineer/Scientist/Specialist 5	Kapi Verms	KennedylJenks	1	\$40.74	\$163	\$142.51	\$57
	Design work, including treatment	Engineer/Scientel/Specialist 3	James Barrice	Kennedy/Janks	2	\$33,17	\$58 .	\$115,03	\$22
	processes. The Consultant will	Project Administrator	Dorsen Brundage	Kennedy/Jenks	2	\$30.11	\$60	\$105.32	\$21
	provide technical/expert review of		1						
	treatment process-related work	Principal	Gustavo Arboleda	WRE	20	\$75.00	\$1,500	\$220,00	\$4,40
	including major miastuna deliverables								
	(35, 85, 95, 100% daeign packages).	Principal	Bahman Sheikh	Bahman Sheich	20	\$82.50	\$1,250	\$200.00	\$4,00
	na wai as other interim decign							1	
	deliverables. The Consultant may be	Recycled Water Expert	Larry Schimoller	CHZMAM	40	\$83.43	\$2,537	\$202,98	\$8,11
	nsked to provide technical reservoranda on beatment-related	Principal Engineer	Mike Iverson	CH2Mhit	40	\$87.84	\$3,514	\$220,00	\$8,80
	topics, or pericipals at design	Recycled Water Expert	James Lozier	CHZMM	20	\$82,82	\$1,856	\$220.00	\$4,40
	medical	Water Treatment Engineering	Scott Boettcher	CHZMINI	20	\$69.89	\$1,398	\$220.00	\$4,40
	literating.	Operations and Maintenance	Bill Glarer	CH2Mhii	20	. \$72,00	\$1,440	\$220,00	\$4,4
	i	Water Treatment Engineering	Zeynep Erdal	CH2MNI	10	\$54.19	\$542	\$173.41	\$1,73
	l	Operations and Maintenance	Brian MecDonald	CH2Mha	20	\$56,64	\$1,133	\$181.25	\$3,60
	1	Principal	Dave Smith	Merriti Smith Consulting	20	\$81.50	\$1,630	\$220.00	\$4,40
	(Likioba	Dave Sitted	Marina parinta Constituting	- 20	\$81,30	\$1,650	3220.00	34,40
	1	Cad Operator	Eleonora Nayden	CADNET	10	\$39.00	\$390	\$85.00	\$65
	I	Cad Operator	Robert Froio	CADNET	10	139.00	\$390	\$65.D0	\$65
	1	Cad Operator	Jane Woodman	CADNET	10	\$39.00	\$390	\$65.00	\$65
	L								
				TASK B2.1 TOTAL	572	\$1,613,34	\$37,520	\$4,735,05	\$110,46

					1	Base	Base		Actual
			Name of	l	Estimated	Hourty	Labor	Billing	Labor
		Staff		Consultant	Number	Rete	Cost (\$)	Rate	Cost (\$)
Task			Proposed						
No.	Task Summary	Classification	. Staff Person	Name	of Hours	(\$/hour)	= (F)*(G)	(\$/hour)	= (F)*(t)
					l i				
IAL	[B]	[c]	[0]	(E)	[[F]	[6]	[H]	L U	IJ
ASKA	EWEST SIDE RECYCLED WATER	PROJECT DESKIKAND COMPRUST	Maria Property and Company	第二人工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工	5 E E		of the second		Carlo Carlo
_		Engineer/Scientist/Specialist 8	Craig Lichty	Kennedy/Jenks	60	\$81.98	\$6,558	\$220,00	\$17,600
		Engineer/Scientist/Specialst 8	Joel Fallet	Kennedy/Jenks	2	\$72,00	\$144	\$220.00	5440
		Engineer/Scientist/Specialst 6	Dayen Yaffler	Kennedy/Jenka	40	\$47.65	\$1,906	\$166.68	\$6,667
		Engineer/Scientist/Specialist 8	Kerwin Allen	Kennedy/Jenks	40	\$82.21	\$3,288	\$220,00	\$8,800
		Engineer/Scientist/Spectatet 8	Brad Musick	Kennedy/Jenks	140	\$87.58	59,458	\$220.00	\$30,800
	l	Engineer/Scientist/Specialist 5	Ronald Mosfer	Kennedy/Jenks	100	\$38.28	\$3,828	\$133,90	\$13,390
		Engineer/Scientist/Specialist 5	Terry Markou	Kannedy/Jenks	40	\$50.87	\$2,035	\$177.94	\$7,116
	l .	Engineer/Scientist/Specialist 8	Vyacheslay Val Frankel	Kennedy/Jenke	18	\$79.20	\$1,267	\$220,00	\$3,520
	l	Project Administrator	Dareen Brundage	Kennedy/Jenks	2	\$30,11	\$60	\$105,32	\$211
	t								
	ł .	Principal	Gustavo Arboleda	WRE	40	\$75.00	\$3,000	\$220.00	008,82
	Į.	Senior Project Manager	Stephania Knott	WRE	80	\$55,00	\$4,400	\$165.00	\$13,200
	1	Senior Project Manager	Martin Roche	WRE	20	\$55,00	51,100	\$165.00	\$3,300
	Operations Support Services -	IT/MAXIMO Specialist	Ellen Butawan	WRE	60	\$48.51	\$2,911	\$145.53	\$8,732
	development of operations plans for	Project Engineer	Laura Allen	WRE	10	\$46,35	\$459	\$140.55	\$1,406
	recycled water treatment facilities:	Project Engineer	Kan Kortkamp	WRE	2	\$43.00	\$86	\$129.00	\$258
B2.2	providing training on fecility/treatment	Stoff Engineer	May Zhao	- WRE	18	\$35.00	\$580	\$105.00	\$1,680
	process operation; mainting with treatment facility start-up, and	Stuff Engineer	Cynthia Cano	WRE	2	\$35.00	\$70	\$105.00	\$210
	treatment system optimization.	Staff Engineer	Sricher Ponangi	WRE	2	\$35.00	\$70	\$105.00	\$210
	DOMOTION SYSTEM OPHINGMONE,	Admin	Gioria Fietes	WRE	1 2	\$30,00	\$60	\$90.00	3180
	i	Intern	Nadje Rostalski	WRE	2	\$20.00	\$40	\$60,00	\$120
					1				
	1	Principal	Bahman Sheikh	Bahman Shelkh	20	\$62,50	\$1,250	\$200,00	\$4,000
	1								
	I	Operations and Maintenance	Brian MacDonald	CH2Mhi	100	\$58,64	\$5,684	\$161,25	\$19,125
	i	Operations and Maintenance	B# Charer	CH2Mhil	80	\$72.00	\$5,760	\$220.00	\$17,600
	1	Security Engineering	Kan Thompson	CH2Mh#	20	\$79.31	\$1,588	\$220.00	54,400
	1								
	1	Principal, Sr. Weter Resources Engr.	Winifred Au	WAU & Company	20	\$92.50	\$1,850	\$72,0,00	\$4,400
	1	Principal, Rectained Water Engineer	Almon M. Shen	WAU & Company	40	\$85.00	\$3,400	\$220.00	\$8,800
	1	Community Relations	Susana Razo	WALL & Company	20	\$58.50	\$1,170	\$187.20	\$3,744
	1	1	L	i	i	l		<u> </u>	l
				TASK B2.2 TOTAL	996	\$1,534.67	\$61,991	\$4,562.38	\$187,710

Recordstory development development recycled verte						Basa	Base		Actual
Regardatory development development see		i	Name of		Estimated	Hourty	Labor	Billing	Labor
Recordstory development development recycled verte		Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
Regulation/ development development development development development development regulation regulation	Task Summary	Classification	Staff Person	Name	of Hours	(\$/hour)	= (F)*(G)	(\$/hour)	= (F)*(I)
Regulation/ development development development development development development regulation regulation	•		l	[[[1		i
Reagdalanzi dewispmant strataglase la 12.3 regulari regulari separation la 12.3 regulari regulari separation la 12.3 regulari regulari describation la 12.3 regulari regulari describation la 12.3 regulari regulari describation la 12.3 regulari regulari describation la 12.3 regulari regulari describation la 12.3 regulari regulari describation la 12.3 regulari regular regulari regular reg	[8]	C)	[0]	[E]	[F]	[6]	[H]	∏ j	January 17
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of	RESERVE VERVERENAVIOR				240	581.98	\$19,675	\$720.00	\$52,80
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 8 Engineer/Scientist/Specialist 8	Creg Lichty Joel Faller	Kennedy/Jenks Kennedy/Jenks	240	\$72.00	5576	\$220.00	\$1,76
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 8	Dawn Taller	KennedyJenks	220	\$47.65	\$10,483	\$166.68	\$38,87
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 8	Kerwin Allen	Kennedy/Jenks	40	\$82.21	\$3,285	\$220,00	\$8,80
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 7	Jean Dobroux	Kennedy/Jenka	40	\$64.83	\$2,593	\$220.00	\$6,80
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 7	Tom Gorman	Kennedy/Jenke	280	\$61.57	\$17,240	\$215.37	\$60,30
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 4	.6I Chembedain	KennedylJenks	80	\$39.94	33,195	\$139.71	\$11.17
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 4	Cethy Berger	Kennsdy/Jenks	240	\$39.37	\$9,449	\$137.72	\$33,05
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Sciential/Specialist 9	Gary Carton	Kennady/Janks	20	89.182	\$1,640,	\$220.00	\$4,40
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 7	Sachiko Itaqaki	Kerunedy/Jenks	120	\$62.12	\$7,454	\$217.30	\$26,07
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 8	Meredith Durant	Kennedy/Jenks	40	\$67.42	\$2,697	\$220.00	\$8,80
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Sciantist/Speckard 4	Maria Gristina Corres	Kennedy/Jenkx	80	\$42.00 \$40.22	\$3,360	\$148.92 \$140.69	\$11.75
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Engineer/Scientist/Specialist 5 Protect Administrator	Alida Stamps Dorsen Brundags	Kennedy/Jenks Kennedy/Jenks	80 60	\$40.22	\$3,218 \$1,807	\$140.69 \$105.32	\$11,21 \$6,3
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Project Administrator	Doroet Brondage	Local errita 1		#40,11	41,801	3109.32	
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Principal	Gustevo Arboleda	WRE	20	\$75,00	\$1,500	\$220,00	\$4,4
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Senior Project Meneger	Martin Roche	WRE	40	\$55,00	\$2,200	\$165.00	\$8,6
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Project Engineer	Laura Allen	WRE	20	\$46.85	\$937	\$140,55	\$2,8
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Project Engineer	Ken Kortkamp	WRE	40	\$43,00	\$1,720	\$129,00	\$5,1
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Staff Engineer	May 2hao	WRE	20	\$35.00	\$700	\$105.00	\$2,1
development strategies for recycles wat accessments for complian- requirements preparation of required for i distribution of		Staff Engineer	Cynthia Cano	WRE	24	\$35.00	\$840	\$105.00	\$2,5
strategies for recycled warb accessments for compliant requirements preparation of distribution of distribution of the complex control of the	rdatory Permitting Services -	Principal	Bahmen Sheikh	Bahman Shakh	140	\$52.50	\$8,750	\$200,00	\$28,0
recycled wat accessments for complian- requirements preparation o required for i distribution of	elopment of regulatory permitting tegles for the implementation of								
for compliant requirements preparation or required for i distribution or first in the compliant of the compliant or distribution or dis	cled water projects; conducting	Principal	Daya Smith	Merrit Smith Computing	180	\$81.50	\$13,040	\$220,00	\$35,2
requirements preparation of total behind the construction of	exments of distribution systems	Principal Engineer	Mike Merson	CH2Mhill	40	\$87.84	\$3,514	\$220,00	\$8.8
preparation of required for in distribution of	compliance with regulatory	Water Treatment Engineering	Mary Voriests	CH2Mh4	40	\$65.66	\$2,626	\$210.11	\$8.4
required for I	renieros, assessing et me renieros of requision submittale								
	ared for the production and	Principal	Robert D. Whitey	Whitey Burchette	40	\$90,66 \$41,39	\$3,626	\$124.17	\$8,8
over all per mi	ribution of racycled water, and	Engineering Report	Anta Jain Roanne S. Ross	Whitey Burchette Whitey Burchette	80 80	341.39	\$3,311 \$5,282	3124.17	\$9,9
	all permitting of the projects.	Civil Engineer Administrative Assistant	Susanne S, Roca	Whitey Burchette	80	\$22,52	\$1,802	\$67.56	\$5,4
		Addressed Bloom Assertant	SUBSECUTION DESCRIPTION	yymay buildieus		322.52	\$1,002	\$07.50	1 30.7
		Chil Engineer	Catherine Avilla	Ayès & Associates	20	\$75,00	\$1,500	\$202.50	\$4,0
		CMI Engineer	Ernesto A. Avita	Avia & Associates	24	\$75.00	\$1,800	\$202.50	\$4,8
		Irrigation Specialist	James Eddy	Ayta & Associates	16	\$60.00	\$960	\$182.00	\$2,5
		Permit Specialist	Sandra Etchell	Avia & Associates	40	\$55.00	52,200	\$148.50	\$5,9
		Environmental Scientist	Jonathan Sêva	Avia & Associates	18	\$55,00	\$880	\$148,50	\$2,3
		Landscape Architect Chill Engineer	Ross Wells Staven Jones	Avia & Associates Avia & Associates	16	\$65,00 \$50,00	\$1,040 \$800	\$175,50 \$135,00	\$2,6 \$2,1
		on ciginal		Alan a rendered				414500	†
		Principal	Valerie Young	Valerie Young	216	\$150,00	\$33,600	\$160.00	\$33,6
		Principal	G. Neel Neelskantso, Ph.D., P.E., G.E.	GTC		\$73.30	\$580	\$220,00	\$1,7
		Senior Engineer	Nick Ng. P.E., G.E.	GTC	i i	\$47.75	\$382	\$152.80	\$1,2
		Senior Geologist	Aurie Patterson, P.G.	GTC	1 4	\$43,30	\$173	\$138,56	55
		Senior Engineer	Arry Killean, P.E.	GTC	20	\$45.89	8162	\$148.85	\$2,9
		Project Engineer	Nayamara Nanda Kumar	GTC	4	\$39.85	\$159	\$127.52	\$5
1		67'S 4 6 W. 6 C. 6	1				43.700	4700.00	I
1		Principal, Sr. Water Resources Engr.	Winited Au	WAU & Company	40	\$92,50	\$3,700	\$220,00	\$8,6
- 1		Principal Reclaimed Water Engineer	Almon M, Shen	WAU & Company	40	\$65.00	\$3,400	\$220,00	\$8,8
1		Community Relations	Susana Razo	WAU & Company	40	\$58,50	\$2,340	\$187 20	\$7.
				TASK BZ.3 TOTAL	2.894	\$2,702.18	\$190,941	\$7,850,83	\$516.3

						Base	Base		Actual
- 1			Name of		Estimated	Hourty	Labor	Billing	Labor
Task		Staff		Consultant	Number	Rate	Cost (5)	Rate	Cost (\$)
	- · · ·		Proposed						
No.	Task Summary	Classification	Staff Person	Name	of Hours	{\$/hour}	= (F)*{G}	(\$/hour)	= (F)*(I)
A1	{B]	· (c)	. [D]	[6]	(F)	[G]	(H)		(J
n e	WEST HOLER ENTOKED WATER	renoved formen and cora reucoc				100		建工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工	
180	THE PROPERTY OF THE PARTY OF TH	ALTERNATION OF THE PROPERTY.							
- 1		Engineer/Scientist/Specialist 6	Craig Lichty	Kennedytlenka	16	\$81.00	\$1,312	\$220.00	\$3,520
- 1		Engineer/Scientist/Specialist 8	Joel Faller	Konnedy/Jenka	4	\$72.00	\$288	\$220,00	\$880
J		Engineer/Scientist/Specialist 6	Davin Tofflet	KennedylJenks	40	\$47,65	\$1,906	\$188.68	\$8,66
- 1		Engineer/Sciented/Specialist 8	Kerwin Allen	Kennedy/Jenks	4	\$82.21	\$329	\$220,00	5882
- 1		Engineer/Scientist/Specialist 8	Deborah Hart	KennedytJenks	4	\$58 09	\$232	\$203,20	\$81
- 1		Engineer/Scientist/Specialist 7	Tom Gorman	Kennedy/Jenks	20	\$61.57	\$1,231	\$215.37	\$4,30
- 1		Engineer/Scientist/Specialist 4	Jimmy Dang	Kennedytienks	4	\$40.15	\$161	\$140.44	\$56
- 1		Engineer/Scientist/Specialist 4	.M Chamberhin	Kennedy/Jenks	4	\$39.94	\$180	\$139,71	\$55
- 1		Engineer/Scientist/Specialist 4	Patrick Treamor	Kennedy/Jenks	2	\$39.25	\$79	\$137,30	\$27
- 1		Project Administrator	Doreen Brundage	Kennedytlenke	2	\$30,11	\$80	\$105.32	\$21
- 1		Principal	Gustavo Apboleda	WRE	2	\$75.00	\$150	\$220,00	544
ì.	Technical support during	Senior Project Manager	Stephanie Knott	WRE	16	\$55,00	3880	\$185 00	. \$2,64
	construction for Harding Park	Admin	Gloriz Fleitza	WRE	8	\$30.00	\$240	\$90.00	\$72
D.1	Recycled Water project - provide	Intern	Nadja Rostalski	WRE	1	\$20,00	\$20	\$60,00	\$6
ľ	technical support during construction and startup.	Principal	Bahman Sheikh	Baluman Shekh	5	\$82.50	\$313	\$200.00	\$1,00
- 1		Principal	Dave Smith	Merritt Smith Consulting	2	\$81.50	\$163	\$220.00	\$44
- 1		Principal, impation and Horticultural Analysis	Chris Wild	EWM	2	\$125.00	\$250	\$150.00	\$30
. [1				
ſ		Principal	Bronden McDevitt	MCK	8	598,91	3791	\$220.00	\$1,78
- 1		Project Manager/ Construction Mgr	Nate Gavzy	MCK	24	\$80.00	\$1,440	\$141.00	, \$3,38
- 1		Project Manager/ Construction Mgr	Robert Warneted	MCK	16	\$77.50	\$1,240	\$182,13	\$2,91
- 1				Marrill Morrie Partners	2	\$49.00	\$98	\$156.80	\$31-
		Principal Landscape Architect	Cathy Merril						
		Project Manager-Landscape Architect I	John Patis	Merril Morris Partnera	2	\$37 00	\$74	\$118.40	5Z3

Agreement No. CS-109 - Specialized Engineering Services for Recycled Water Projects
Proposal Submitted by Kennedy/Jenks Consultants - Bahman Shelkh - Water Resources Engineers, JV
FEE SCHEDULE

									Actual
			Name of	1	Estimated	Base Hourly	Base Labor	Billing	Lahor
Task		Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Person	Name	of Hours	(\$/hour)	× (F)*(G)	(\$/hour)	= (F)*(I)
NO.	rask ominimity	Cassification	Sun Ferson	Learning.	or Hours	(\$rnour)	= (r)-(a)	(#Vindury	- (-7 (4)
I IAI	(8)	101	(D)	163	TF1	[6]	(H)		1 1
		WHO HERE DESIGNATION OF THE PROPERTY.			4.2		and the second		
	area area area area area area area area	Engineer/Scientist/Specialed 8	Cresp Lichty	Kennedy/Jenks	240	\$81.98	\$19,675	\$220.00	\$52,800
		Engineer/Scients/Specialist 8	Joel Faller	KennedylJenka	20	\$72.00	\$1,440	\$220.00	\$4,400
		Engineer/Scientis/Specialist 8	Dawn Terffici	Kennedy/Jenks	300	\$47.85	\$14,295	\$188.68	\$50,004
		Engineer/Scientist/Specialist 8	Kervin Allen	Kennedy/Jenks	20	382.21	\$1,544	\$220.00	\$4,400
1		Engineer/Scientist/Specialist 6	Nelson Schlater	KennedylJenics	16	\$56,50 \$45,80	\$904 \$385	\$197.64	\$3,162
		Engineer/Sciental/Specialist 8 Engineer/Sciental/Specialist 7	Patrick Johnston Todd Reynolds	Kennedy/Jenka Kennedy/Jenka		\$45.00	\$244	\$159.51 \$213,76	\$1,278 \$855
1		Engineer/Scientist/Specialist 9	Bob Ryder	KennedyUenka		\$68.00	\$544	\$220,00	\$1,760
		Engineer/Scientist/Specialist 8	Deborah Hart	KennedylJenks	16	\$58.09	\$929	\$203.20	\$3,251
		Engineer/Scientet/Specialist 8	Fred Neel	KennadyLienka	•	\$74,67	\$299	\$220.00	\$880
		Engineer/Sciente/Specialist 7 Project Administrator	Gragg Cummings Carol Toy	Kennady/Jenks Kennady/Jenks	16	\$80.01 \$33,11	\$960 \$265	\$209.91 \$115.82	\$3,359 \$927
i i		Engineer/Scienter/Specials 4	Jimmy Dang	Kennedy/Jenks	-	\$40.15	\$321	\$140.44	\$1,124
		Engineer/Scientist/Specialist 3	Royce Okimoto	Kennedy/Jenks	12	\$42.33	\$508	\$148,07	\$1,777
1 1		Engineer/Scientist/Specialist 5	Many Trail	Kennsdy/Jenka	4	\$47.25	\$169	\$165.28	\$861
l l		Engineer/Sciente/Specialet 8 Engineer/Sciente/Specialet 7	Vyacheslay "Val" Frenkel Don Barazza	Kennedy/Janka Kennedy/Janka	8 2	579.20 552.61	\$634 \$125	\$220.00 \$219.01	\$1,760 \$435
i 1	· '	Engineer/Scientist/Specialist 6	Sam Jamison •	Kennedy/Jenks		\$48.10	3125	\$181.28	\$1,290
1	,	Engineer/Scientist/Specialist 5	Peter Symonds	KennedylJenks	2	\$36.41	\$73	\$127.36	\$255
1		Enginesi/Scientist/Specials 3	Sonny Skn	KennedyJenks	16	\$29.10	\$466	\$101.78	\$1,529
l l	'	Engineer/Scientist/Specialist 3	Eno Tarn	KennedylJenks	12	\$26,78	\$321	\$93,68	\$1,124
		Engineer/Scientiel/Specialist 7 Engineer/Scientiel/Specialist 7	Jeff Foray Zachery Harrie	Kennedy/Jerdos Konhedy/Jerdos	18	\$53.22 \$52.68	\$852 \$1,054	\$188.18 \$184.27	\$2,979 \$3.585
]]	*	Engineer/Scientist/Specialist 5	Sweid Aftein	KennedyJenta	1-2	\$40.77	\$326	\$142.61	\$1,141
. !		Engineer/Scientist/Specialist 4	Seen Neprud	Kennedy/Jenks	16	\$35.95	\$575	\$125.75	\$2,012
l i		Engineer/Scientist/Specialist 3	Napolean Brayo	Kennedy/Jenks	В	\$40,80	\$326	\$142.72	\$1,142
1		Engineer/Scientist/Specialist 4	Patrick Treanor	Kennedytlenks	24 40	\$39.25	\$942	\$137.30 \$105.32	\$3,295 \$4,213
[ĺ	Project Administrator Engineer/Scientist/Specialist B	Dorean Brundage Nick Peros	Kennedy/Jenks Kennedy/Jenks	40	\$30.11 \$72.21	\$1,204 \$578	\$220.00	\$1,760
1		Engineer/Scientist/Specialist 6	Alma Resotaso	Kennedy/Jenks	32	\$43,47	\$1,391	\$152.06	. \$4,868
	ĺ	Engineer/Scientist/Specialist 8	Tony Wekim	Keonadyljanks	8	\$67.39	\$539	\$220,00	\$1,760
1	ł	Engineer/Scientist/Specialist 4	Alan Chars	Kennedy/Jenks	16	\$31.34	\$501	\$109,63	\$1,754
l . '		Engineer/Scientist/Specialist 3 Engineer/Scientist/Specialist 6	Weyland Lum Bit Ramroth	Kennedy/Jenks Kennedy/Jenks	40	\$34.99 \$68.15	\$1,400 \$132	\$122.40 \$220.00	\$4,898
1	j	Engineer/Scientel/Specialist 8	Dan Wright	Kennedy/Jenks	16	\$69.33	\$1,109	\$220.00	\$3,520
1	!	Engineer/Scientet/Specialist 5	Heidi Vincent	Kennedy/Jenks	4	\$43.47	\$174	\$152.06	\$608
1	1	Engineer/Scientist/Specialist 3	Jon Heimdahl	KennedyDenks	8	\$34.04	\$272	\$119.07	\$963
1	1	Engineer/Scientet/Specialist 5 Engineer/Scientet/Specialist 5	Jeinen Preiss	KennedylJenka	4	\$51.05 \$46.35	\$204	\$178.57 \$182.13	\$714 \$1,297
Į.	J	Engineer/Scientes/Specialist 3	Mike Wothich	Kennedy/Jenks Kennedy/Jenks	1-2	\$47.50	\$371	\$102,13	\$332
D2	As Needed Staff for Design	Engineer/Scientet/Specialist 8	Les Chau	KennedyDenks	24	\$60.80	\$1,503	\$220.00	\$5,280
1 52	<u>Bervices</u> - provide optional design services	Engineer/Scienticl/Specialist 4	Mike McLead	Kennedy/Jenks	24	\$41.08	\$985	\$143.63	\$3,447
1		Project Administrator Project Administrator	Michele Limos Michele Vergus	Kennedyljenks	1 4	\$23.07	\$92 \$183	\$80.70	\$323 \$641
	l	Engineer/Scients/Specialist B	John Matedy	Kennedy/Janks Kennedy/Jenks	1 -	\$66.48	\$274	\$220.00	5880
l	ŀ	Engineer/Scientist/Specialist 7	Mike Barnes	Kennedy/Jenks	, 40	\$67,00	\$2,680	\$220,00	\$8,600
	l	Engineer/Scientist/Specialist 8	John Wyckoff	Kennedy/Jenka	4	\$78.00	\$312	\$220.00	\$880
1	ſ	Engineer/Scientist/Specialist 8	Mike Joyce	KennedyUenka	4	\$72,31	\$288	\$220,00	\$860
1		Engineer/Scientist/Specialist 7 Engineer/Scientist/Specialist 4	Mark Minkowski	Kennedy/Jenks Kennedy/Jenks	1	\$58.35 \$39.94	\$233 \$160	\$139.71	\$816 \$559
I		Engineer/Scientint/Specialist 7	Tom Gorman	Kennedy/Janks	16	\$61.57	\$985	\$215.37	\$3,446
ĺ	į.	Engineet/Scientist/Specialist 4	Cally Bergel	Kennedy/Jenks	24	\$39.37	\$945	\$137.72	\$3,305
1	1		.						
1		Principal Senior Project Manager	Gustavo Arboleda Stephania Knott ,	WRE WRE	160	\$75.00 \$55.00	\$12,000 \$8,900	\$220.00 \$155.00	\$35,200 \$29,700
1	i	Sanior Project Manager	Martin Roche	WRE	210	\$55,00	\$11,550	\$165,00	\$34,650
1	1	IT/MAXIMO Specialist	Eren Butawan	WRE	180	\$46,51	\$8,732	\$145.53	\$20,195
1	ı	Project Engineer	Laura Alfen	WRE	210	\$48.85	\$0,839	\$140,55	\$29.516
1	1	Project Engineer	Ken Kortkamp	WRE	180	\$43,00	\$7,740	\$129.00	\$23,220
1	t	Staff Engineer	May Zhao Cynthla Carso	WRE	210 180	\$35,00 \$35.00	\$7,350 \$6,300	\$105.00 \$105.00	\$22,050 \$18,900
1	1	Staff Engineer	Sridher Penangi	WRE	160	\$35.00	\$5,600	\$105.00	\$16,600
1	1	Admin	GRris Fleiten	WRE	180	\$30,00	\$5,400	\$90,00	\$16,200
1	I	intern	· Nadje Rostalski	WRE	80	\$20.00	\$1,600	\$80.00	\$4,800
Į.		Principal	Bahmen Sheikh	Bahman Sheikh	380	\$62.50	\$23,750	\$200,00	\$76,000
1	ì	Recycled Water Expert	Larry Schimolar	CH2MN	10	163 43	\$634	\$207.98	\$2,030
Į.		Principal Engineer	Mike Iverson	CH2MN#	10	387.84	\$703	\$202.98	\$2,030
i		Recycled Water Expert	James Lozier	CHZMM	1 4	\$82.82	\$331	\$220.00	\$880
1	1	Wastewater Engineering	Dave Green	CH2MHI	8	\$72.88	\$563	\$220,00	\$1,760
1	i	Water Transment Engineering	Scott Boetlicher	CH2Mh#		\$69.89	\$559	\$220,00	\$1,780
1		Operations and Maintenance Water Treatment Engineering	Bill Glerer Zeynep Erdel	CH2Mhii CH2Mhii	16	\$72.00 \$54.19	\$288 \$867	\$220.00 \$173.41	\$880 \$2,775
1	ì	Operations and Maintenance	Brian MacDonald	CH2Mhill	1 4	356.64	\$227	\$181.25	\$725
1	1	Wastewater Engineering	Vesy Kumar	CHZMhii	1 8	\$80.15	\$841	\$220.00	\$1,780

Task No.	Task Summary	Staff Classification [C]	Name of Proposed Staff Person [D]	Consultant Name [E]	Estimated Number of Hours	Rate (\$/hour)	Base Labor Cost (\$) w (F)*(G)	Billing Rate (\$/hour)	Actual Labor Cost (\$) = (F)*(i)
TANKAT.	WHITTOUGHERENSTATES	PROJECT IN ENGINEERING CONSTRUCTOR	州島市の東京の東京の大阪	是可以是是此種語	CONTRACTOR OF THE PARTY OF THE	对是国际的	3000年中世		
		Wastewater/MBR Expert	George Crawford	CH2Mh2	16	\$98,20	\$1,571	\$220 00	, \$3,520
1	1 .	Correlion Engineering	Tom Price	CH2MNI	16	\$93.26	\$1,492	\$220.00	\$3,620
1	1	Pipeine and Pump Station Engineer	Jeff Smith	CH2Mhit	16	\$76.08	\$1,217	\$220.00	\$3,520
1	1	CEQA/Low Impact Design	Andrea Garnder	CH2Mhii	4	\$58.02	\$232	\$185,68	5743
1	1	Utility Management Services	Rex Heater	CH2MNIE	4	\$85.25	\$261	\$205,80	\$835
1									

- 1			1	· ·		Base	Base	i i	Actual
			Name of		Estimated	Hourty	Labor	Billing	Labor
Task		Staff	Proposed	Consultant	Number	Rata	Cost (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Person	Name	of Hours	(\$/hour)	= (F)*(G)	(\$/hour)	= (F)^(I)
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[A]	(B)	[C]	[0]	[E]	L [F]	[G]	[H]		[J]
BEAG		High and the state of the content of			12000	ないのである			
		Project Engineer	Dustin Agnew	GTC	_ 4	\$33.32	\$133	\$106.82	\$426
		Project Geologist	Stephen Host, P.G.	GTC	2	\$33 65	587	\$107,68	\$215
- 1		Servior Engineer	Arry Kileen, P.E	GTC		\$45,89	\$367	\$146.85	\$1,175
		Project Engineer	Nayentara Nanda Kumar	erc erc	4	\$39.85	\$159	\$127 52	\$510
		Principal	G, Neel Neelakantan, Ph.D., P.E., G.E.	GTC	2	\$73,30	\$147	\$220,00	\$440
		Senior Engineer	Nick Ng, P.E., G.E.	GTC		\$47.75	\$382	\$152.80	\$1,222
		Senior Geologist	Auria Patterson, P.G.	GTC	4	\$43.30	\$173	\$138.56	\$554
1		Senior Engineer	Mark Patersen, P.E., G.E., C.E.G.	GTC	4	\$73,30	\$293	\$220,00	\$880
		Document Control	Jaya Seetry	grc	1	\$26.25	\$105	\$84.00	\$336
		Associate/Geolach Engineer	Jos Selbold, P.E., G.E.	GYC	18	\$55.79	\$493	\$178,53	\$2,856
		Steff Geologist	Megan Simpson	GTC	- 8	\$29.70	\$238	\$95.04	\$780
		Project Assistant	Tanya Telson	GTC	В	\$17.25	\$138	\$55.20	\$442
	•	Associate/Geolech Engineer	Deron van Hoff, P.E., G.E.	GTC	15	\$51.35	\$982	\$196,32	\$3,141
		5(, Principal	Fu-Lien (Henry) Chang	Structua		\$85,00	\$340	\$220.00	\$880
		Principal	Donald Chappell	Structua	18	\$69,00	\$1,104	\$203,55	\$3,257
	As-Needed Staff for Design Sarvices (con'l) - provide optional	Project Engineer	Burhan Surjana	Structure	80	\$44,00	\$3,520	\$129.60	\$10,384
D.2 (con1)		Project Engineer	Masami Jin	Structus	80	\$44,00	\$3,520	\$129.80	\$10,384
(com)	design	Cad Operator	Pavia Furmankova	CADNET	200	\$39.00	57.800	\$65.00	\$13,000
		Cad Operator	Ela Trach	CADNET	80	\$39.00	\$3,120	\$65,00	\$5,200
		Card Operator	Petr Furmenek	CADNET	80	\$39.00	\$3,120	\$65,00	\$5,200
		Principal	Stanley T. Gray	Maridian Surveying	В	\$113.30	\$900	\$220.00	\$1,760
		Vice President	Great Inposts	Heridan Surveying	1 4	\$85,33	\$261	\$182.92	\$732
		Project Manager	Nathan Foley	Meridian Surveying	24	\$59.36	\$1,425	5186.21	\$3,989
	1	Survey Manager	Richard Mether	Meridian Surveying	40	185,33	\$2,613	\$182.92	\$7,317
-		Survey Technicism	Emily Thomas	Meridian Surveying	40	\$59.36	\$2,374	\$166.21	\$5,648
		Principal Landscape Architect	Cathy Merit	Merril Morris Partners					
)	Principal Landscape Architect	Darriel Monts		40	\$49,00	\$1,960	\$156,80 \$156,80	\$8,272
	I	Project Manager-Landscape Architect	John Polle	Menit Morris Partners Menit Morris Partners	60	\$49.00 \$37.00	\$1,960 \$2,220	\$156.80	\$6,272
	I	Sr. triceton Designer	John Edwin Rievens	Merrit Morris Partners	60	\$43.25	\$2,595	\$138.40	\$7,104
	1	CAD Menager-Seriot Technician							58,304
	ſ	Landscape Technician II	Bill Carpenter	Merril Morris Partners	24	\$31,88	\$765	\$101.95	\$2,447
	l	racosceba secucina)	Bhawna Sapra	Menil Monis Partners	-24	\$31.00	5744	\$99,20	\$2,381
				TASK D.Z TOTAL	4,800	\$5,804.78	\$229,151	\$17,870,30	\$581,943

Agreement No. CS-109 - Specialized Engineering Services for Recycled Water Projects
Proposal Submitted by Kennedy/Jenks Consultants - Bahman Sheikh - Water Resources Engineers, JV
FEE SCHEDULE

						Base	Base		Actual
			Name of		Estimated	Hourty	Labor	Billing	Labor
Task		- Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Person	Name	of Hours			(\$/hour)	
140.	rask duminary	CHASSIFICATION	OMIL LAIROU	Name	ol Hone	(\$/hour)	= (F)*(G)	(2viioni)	× (F)*(1)
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_[A]	(B)	(C)	[D]	[E]	[F]	[G]	(H)	[1]	IJ
TABLE	WENDELDENECATTED MAYER	THE PERSON DESIGNATION OF THE OTHER	XIONE SERVICE SERVICE		1				
		Engineer/Scientst/Specialist 8	Craig Lichty	Kennedy/Jenks	20	\$81,95	\$1,640	\$220.00	\$4,400
		Engineer/Scientist/Specialist 6	Joel Fallet	Kennedy/Jenks	2	\$72.00	\$144	\$220.00	\$440
		Engineer/Scientist/Specialist 6	Dawn Taffler	KennedyGenke	40	\$47.65	\$1,906	\$166.68	\$6,867
		Engineer/Scientist/Specialist 8	Kerwin Allen	KamedyiJenks	10	\$82,21	\$822	\$220.00	\$2,200
		Engineer/Scientist/Specialist 8	Vvechetley "Val" Frenkel	Kennedy/Jenks	2	\$79.20	\$158	\$220.00	\$440
		Engineer/Scientis/Specialist 7	Jeen Debroux	Kennedy/Jenka	2	\$84,83	\$130	\$220,00	\$440
	1	Engineer/Scienter/Specialist 7	Laura Kennedy	Kennedy/Jenks	2	353.67	\$108	\$188.44	\$377
		Engineer/Scientist/Specialist 7	Todd Reynolds	Kennedy/Jenks	2	\$81,11	\$122	-\$213,76	\$42B
.		Project Administrator	Doreen Brundage	Kennedy/Jenka	2	\$30,11	\$60	\$105,32	\$211
		110/000710(1100011		1101111001110011110		440,11			
' I		Principal	Gustavo Arboleda	WRE	4	\$75.00	\$300	\$220.00	\$880
	i	ганора	CONTROL AND	WAL		4/3.00	****	\$220.00	4000
. !	i '	Principal	Bahman Shelkh	Bahman Shekh	50	\$62.50	\$3,125	\$200,00	\$10,000
	Presentations As-Requested - to	- syropea	parties disset	Ominent Show)		₩ POZ.JV	**,125	***************************************	710,000
	the SFPUC staff and/or commission,	Principal Engineer	Mike Iversion	· CH2Mbil	5	\$87.84	\$439	\$220,00	\$1,100
D.3	the San Francisco Board of	Water Treatment Engineering	Linda MacPharson	CH2MM	5	\$60.70	\$439 \$304	\$194.24	\$971
0.0	Supervisors, SFPUC stakeholders,	AAMOL LIGHTHANN CINDALANNO	Line macritation	Crizmin.		400,70	4304	310-24	49/1
	and neighborhood or community	L	l					L	
	meetings	Principal	Dave Smith	Ments Smith Consuling	2	\$51,50	\$163	\$220.00	\$440
	i	Principal	Valena Young	Valeria Young	60	\$160,00	\$9,800	\$160.00	\$9,600
	• •	Manager, Facilitation Services	Mark Millan	Data Instincts	5	\$65,60	\$328	\$164.00	\$820
	J)		1					
	Ī.	Principal	Natete Macris	Natalie Macre	2	\$115.00	\$230	\$115,00	\$230
		THE PERSON NAMED IN COLUMN TO PERSON NAMED I		Trauma massa		4110.00	9230	9110.00	*250
	<u> </u>				 				
	i	· · ·	Shane Snyder	Shane Snyder	10	\$220.00	\$2,200	\$220.00	\$2,200
			George Tchobonogica	George Tchobonogice	10	\$220.00	\$2,200	\$220,00	\$2,200
			Jim Crook	Jim Crook	10	\$200,00	\$2,000	\$200,00	\$2,000
			Bobbi Larson	Someth Simmons & Dunn	10	\$92.08	\$921	\$220,00	\$2,200
	L	L	L						·
				TASK D.3 TOTAL	255	\$2,013.18	\$25,899	\$4,127.44	\$48,243
	1	Engineer/Scientist/Specialist 6	Craig Lichty	Kennedy/Jenks	4	\$61.98	\$328	\$220.00	\$860
		Engineer/Scients/Speciatet 8	Joel Fafer	Kennedy/Janks	2	\$72.00	5144	\$220.00	\$440
		Enginear/Scientist/Specialet 6	Dawn Yeffer	Kerunedy/Jenika	8	\$47.65	\$381	\$166,68	\$1,333
		Engineer/Scientist/Specialist 8	Kerwin Allen	Kennedy/Jenks	2	\$82.21	\$184	\$220.00	\$440
	l .	Engineer/Scientist/Specialist 8	Vyschestay "Val" Frenkel	Kennedy/Jenks	10	\$79.20	\$792	\$220.00	\$2,200
	1	Engineer/Scientht/Specialist 7	Jean Debroux	Kennedy/Jenks	2	\$64.83	\$130	\$220.00	\$440
	1	Engineer/Scientist/Specialist 7	Todd Reynolds	Kennedy/Jenks	8	\$61,11	\$489	\$213.76	\$1,710
	1	Project Administrator	Dorsen Brundage	Kannedy/Janks	2	\$30,11	\$80	\$105.32	\$211
	I	Principal	Gustavo Arboleda	WRE	40	\$75,00	£2.000	\$220,00	\$8,800
l l	ŀ	It wisshar	GORDAN MIDORENS	YYKE	40	ar5.00	\$3,000	\$220.00	30,600
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	i .	Principal	Rehman Sheikh	Bahman Sheikh	40	\$47.50	\$2500	\$200.00	
		Principal	Bahman Sheëth	Bahman Sheikh	40	\$62.50	\$2,500	\$200,00	\$8,000
0.4	Professional consultations, expert	Principal Engineer	Mike Iversion	CH2Mbit	6	\$87,84	5439	\$220,00	\$8,000
D,4	Professional consultations, expert			1			\$2,500 \$439 \$304		
D,4		Principal Engineer Water Treatment Engineering	Mike Iverson Linda MacPherson	CH2Mhal CH2Mhal	5 5	\$87,84 \$60,70	\$439 \$304	\$220,00 \$194.24	\$1,100 \$971
0,4		Principal Engineer	Mike Iversion	CH2Mbit	6	\$87,84	5439	\$220,00	\$1,100
D,4		Principal Engineer Water Treatment Engineering Principal	Mike Nerson Unda MacPherson Dave Smith	CH2Mhill CH2Mhill Marritt Smith Consuling	5 5	\$87.84 \$50.70 \$81.50	\$439 \$304 \$163	\$220,00 \$194.24 \$220.00	\$1,100 \$971 \$440
D,4		Principal Engineer Water Treatment Engineering	Mike Iverson Linda MacPherson	CH2Mhal CH2Mhal	5 5	\$87,84 \$60,70	\$439 \$304	\$220,00 \$194.24	\$1,100 \$971
D,4		Principal Engineer Water Treatment Engineering Principal	Mike Iverson Linda MacPherson Dave Smith Valede Young	CH2Mhai CH2Mhai Marriti Smith Consuling Valerie Young	6 5 2	\$87.84 \$60.70 \$81.50 \$180.00	\$438 \$304 \$163 \$1,800	\$220,00 \$194,24 \$220,00 \$180.00	\$1,100 \$971 \$440 \$9,600
D,4		Principal Engineer Water Treatment Engineering Principal	Mite herson Unde MacPherson Dave Smith Valede Young Mark Miten	CH2Mhal CH2Mhal Marriti Smith Consuling Valerie Young Data fresincts	6 5 2 60	\$87.84 \$60.70 \$81.50 \$180.00	\$438 \$304 \$163 \$9,800 \$1,050	\$220,00 \$194,24 \$220,00 \$180,00 \$184,00	\$1,100 \$971 \$440 \$9,600 \$2,624
D,4		Principal Engineer Water Treatment Engineering Principal	Mike Iverson Linda MacPherson Dave Smith Valede Young	CH2Mhai CH2Mhai Marriti Smith Consuling Valerie Young	6 5 2	\$87.84 \$60.70 \$81.50 \$180.00	\$438 \$304 \$163 \$1,800	\$220,00 \$194,24 \$220,00 \$180.00	\$1,100 \$971 \$440 \$9,600
D,4		Principal Engineer Water Treatment Engineering Principal	Mike Invision Undia MacPhereon Dave Smith Valede Young Mark Millian Administrative Assistant	CH2Mhill CH2Mhill CH2Mhill Mentit Smith Consulting Valerie Young Data Instincts Data thelincts	6 5 2 2 60 16 16 16	\$87.84 \$50.70 \$81.50 \$160.00 \$65.00 \$34.00	\$436 \$304 \$163 \$1,800 \$1,050 \$544	\$220,00 \$194,24 \$220,00 \$180,00 \$184,00 \$85,00	\$1,100 \$971 \$440 \$9,600 \$2,624 \$1,360
D.4		Principal Engineer Water Treatment Engineering Principal	Mike herson Linda MacPharon Dave Smith Valede Young Mark Millian Administrative Assistant Shane Stryrler George Tchybonoglos	CH2Mhill CH2Mhill CH2Mhill Maritti Simith Consulting Valerie Young Data Instincts Data Instincts Shane Snyder	6 5 5 2 60 16 16 10 10 10	\$87.84 \$50.70 \$81.50 \$180.00 \$65.60 \$34.00	\$439 \$304 \$163 \$56,600 \$1,050 \$544 \$2,200	\$220,00 \$194,24 \$220,00 \$160,00 \$164,00 \$45,00 \$220,00	\$1,100 \$971 \$440 \$9,600 \$2,624 \$1,390 \$2,200
D.4		Principal Engineer Water Treatment Engineering Principal	Mike Iverson Unde MacPherson Dev Smith Valede Young Mark Mains Administrative Assistance Blane Stryder George Technologies Am Crock	CH2Mhill CH2Mhill CH2Mhill Mentit Smith Consulting Valerie Young Data Instincts Data thelincts	6 5 2 2 60 16 16 16	\$87.84 \$50.70 \$81.50 \$160.00 \$65.00 \$34.00	\$436 \$304 \$163 \$1,800 \$1,050 \$544	\$220,00 \$194,24 \$220,00 \$180,00 \$184,00 \$85,00	\$1,100 \$971 \$440 \$9,600 \$2,624 \$1,360
0.4		Principal Engineer Water Treatment Engineering Principal	Mike herson Linda MacPharon Dave Smith Valede Young Mark Millian Administrative Assistant Shane Stryrler George Tchybonoglos	CH2Mhill CH2Mhill Maritt Smith Consulting Valerie Young Data Instincts Data towkincts Shane Snyder George Tchobonogoe	6 5 2 80 16 16 10	\$87,84 \$60,70 \$81,50 \$160,00 \$55,60 \$34,00 \$220,00 \$220,00	\$439 \$304 \$163 \$9,800 \$4,050 \$544 \$2,200 \$2,200	\$220,00 \$194.24 \$220.00 \$160.00 \$164.00 \$85.00 \$220.00 \$220.00	\$1,100 \$371 \$440 \$9,500 \$2,624 \$1,300 \$2,200
D.4		Principal Engineer Water Treatment Engineering Principal	Mike Iverson Unde MacPherson Dev Smith Valede Young Mark Mains Administrative Assistance Blane Stryder George Technologies Am Crock	CH2Mhill CH2Mhill CH2Mhill Maritti Smith Consulting Valerie Young Data Institute Data Institute Data Institute Shane Snyder George Tchobonogloe Jm Crook	6 5 5 2 60 16 16 10 10 10 10 10	\$67.64 \$60.70 \$81.50 \$100.00 \$55.00 \$34.00 \$220.00 \$220.00	\$438 \$304 \$163 \$9,800 \$1,050 \$544 \$2,200 \$2,200 \$2,000	\$220,00 \$194,24 \$220,00 \$180,00 \$184,00 \$45,00 \$220,00 \$220,00 \$200,00	\$1,100 \$971 \$440 \$9,500 \$2,624 \$1,360 \$2,200 \$2,200 \$2,200

		·				Base	Base		Actual
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1	1		Name of		Estimated	Hourty	Labor	Bitting	Labor
Task		Staff	Proposed	Consultant	Number	Rate	Cast (\$)	Rate	Cost (\$)
No.	Task Summary	Classification	Staff Person	Name	of Hours	(\$/hour)	≈ (F)*(G)	(\$/hour)	= (FY(1)
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BL A	WEST SIDE RECYCLES OWN TO	TO TO DESCRIPTION AND GOVERNMENT							
_		Engineer/Scientist/Specialist 6	Craig Lichty	Kennedytienks	4	\$81.98	\$328	\$220.00	\$880
- 1		Engineer/Scientist/Specialist 5	Joel Faller	Konnedytlenks	2	\$72,00	\$144	\$220.00	\$440
3									
- 1		Engineer/Scientist/Specialist 5	Dawn Yaffer	Kennedy/Jenks	- 8	\$47.85	\$381	\$160,68	\$1,333
	Į.	Engineer/Scientist/Specialist 8	Kerwin Atlan	KonnedyiJanks	2	\$82.21	\$184	\$220.00	5440
		Engineer/Scientist/Specialist 3	James Berrios	Kennedy/Jenks	2	\$33.17	\$86	\$116.03	\$232
- 1	1	Engineer/Scientist/Specialist 4	Ronald Moulet	Kennady/Jenks	2	\$3a.28	517	\$133.90	\$268
		Engineer/Scientist/Specialist 7	Tom Garman	Kennedyldenks	2	\$81.57	\$123	\$215.37	\$431
	1	Engineer/Scientist/Specialist 8	Deborah Hart	Kennedy/Janks	2	\$58.09	\$118	\$203.20	\$400
1		Engineer/Scientist/Specialist 4	Jimmy Dang	Kennedyttenks	2	\$40,15	\$80	\$140,44	\$26
		Project Administrator	Dorsen Brundage	Kennedy/Jenks	2	\$30,11	\$60	\$105.32	\$21
1					<u></u>				
		Principal	Gustavo Arbolede	WRE	12	\$75.00	\$900	\$220.00	82,640
	í	Project Engineer	Laura Allen Ken Kortkamp	WRE WRE	20	\$46,85 \$43,00	\$937 \$860	\$140,55 \$129,00	52,811
1		Project Engineer			24	\$35.00	\$840	\$105.00	\$2,580
		Staff Engineer	May Zhao	WRE	 	\$33,0U		*****	\$2,520
		Principal	Bahman Sheikh	Bahmun Sheilch	5	\$62.50	\$313	\$200.00	\$1,000
1	1		District Colons	Candidat All and)	├	—— 			1
		Principal	Neel Neelakantan, Ph.D., P.E., G.E.	GTC	2	\$73.30	\$147	\$220,00	\$44
		Servior Engineer	Any Killen, P.E.	GTC	1	\$45.88	\$184	\$146.85	\$58
!	Field inspections - at project alos	Associate/Geologist	James Thurber, P.G., C.E.G., C.Hg.	GTC	18	\$63,08	\$1,009	\$201.79	\$3,22
D.5	including continued space entry,	Associate/Geotech Engineer	Deron van Hoff, P.E., G.E.	GTC	2	\$81,35	\$123	\$196.32	\$39:
					·				1
		Principal	Brendan McDevitt	MCK ·	24	\$98.91	52,374	\$220,00	\$5,28
		Project Manager/ Construction Mgr	Nate Gavzy	MCK	40	\$60.00	\$2,400	\$141,00	- \$5,840
		Project Manager/ Construction Mgr	Robert Warnstad	MCK	16	\$77.50	\$1,240	\$182.13	\$2,914
				1 .	\sim				
		Cad Operator	Robert Froio	CADNET	2	\$39.00	\$78	\$65.00	\$130
		Principal	Stanley T. Gray	Meridian Surveying	8	\$113.30	9062	\$220.00	\$1,764
		Vice President	Greg lppolito	Meridian Surveying	1	\$85,33	\$261	\$182.92	\$73
1		Project Manager	Nethen Foley	Meridian Surveying	24	\$59.36	\$1,425	\$168,21	\$3,686
		Survey Manager	Richard Mather	Meridian Surveying	42	\$65,33	\$2,744	\$182.92	\$7,683
1		Survey Technician	Emily Thomas	Meridian Surveying	42	\$59.36	\$2,493	\$166.21	\$6,98
		Principal Landscape Architect	Cathy Merril	Merrit Morrie Partners	2	\$49,00	892	\$156,80	\$31
		Principal Landscape Architect	Daniel Morris	Morrid Mouris Partners .	2	\$49.00	\$98	\$156,80	\$31-
		Project Manager-Landscape Architect I	John Potis	Merril Morris Partners	18	\$37,00	\$592	\$118.40	\$1,89
		CAD Manager-Senior Technician	Bill Carpenter	Morrii Morris Partners	2	\$31,88	\$64	\$101.95	\$20
		Landscape Technician II	Bhewns Sepre	Metril Morris Partners	2	\$31,00	\$62	\$99.20	\$19
							L		
		Principal, Intgation and Hortcultural Analysis	Chris Willing	EWM	20	\$125.00	\$2,500	\$150,00	\$3,00
	L	L	L		+	40.000.44	401107	45 455 50	
		Engineer/Scientist/Specialist 8	Craig Lichty	TASK D.5 TOTAL	40	\$2,012.11	\$24,187 \$3,279	\$6,610.00	\$62,15
		Engineer/Scientist/Specialist 6	José Fafet	Kennedy/Janks Kennedy/Jenks	1 2	\$72.00	\$144	\$220,00	58,80
		Engineer/Scientis//Specialet 6	Dewn Taffer	Kennedy/Jenks	40	\$47.65	\$1,906	\$166.66	\$6,66
	ì	Engineer/Scientist/Specialist 6	Kaywin Allen	Kennedy/Jenks	1 40 m	\$82.21	\$658	\$220.00	\$1,76
		Project Administrator	Dojeen Brundage	KennedylJenks	1-2-	\$30,11	\$60	\$105.32	\$21
	l	<u> </u>		1	t	1	 	1	 **
	ł	Principal	Gustavo Arboleda	WRE	12	\$75.00	\$900	\$220.00	\$2,84
		Project Engineer	Laura Alien	WRE	20	\$46,85	\$937	\$140.55	\$2,81
		Project Engineer	Ken Kurtkamp	WRE	20	\$43.00	\$860	\$129.00	\$2,58
	Other specific technical aspertise	Staff Engineer	May Zhao	WRE	24	\$35.00	\$840	\$105.00	\$2,52
	within the scope of this RFP -			L					
	including unusual or specific expertise	Principal	Bahman Sheikh	Behman Sheikh	5	\$62.50	\$313	\$200.00	\$1,00
D.6	on short notice, within the scope of							1	
	this RFP, possibly outside of their	Principal	Brendan McDevill	MCK	24	\$98.91	\$2,374	\$220.00	\$5,22
	existing contract team through an	Project Manager/ Construction Mgr	Neta Gevzy	MCK	40	\$80,00	\$2,400	\$141.00	\$5,64
	SFPUC approval process.	Project Manager/ Construction Mgr	Robert Warnstad	MCK	16	\$77.50	\$1,240	\$182.13	\$2.91
	}	L	L	L	-	I	<u> </u>		1
	l	Manager, Facilitation Services	Mark Astlan	Date Instincts	20	\$65,60	\$1,312	\$164.00	\$3,28
	l	Research/Copy Writer	Barry Dugan	Data Instincts	20	\$45,00	\$920	\$115,00	\$2,30
	i	Research/Copy Writer	Lisa Braw Miler	Date Instructs	10	\$50,00	\$500	\$125.00	\$1,2
	I	L	L	<u></u>		<u> </u>		1	
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	1	L	L	<u> </u>	1				
								1	
	ł	L:	L	J					
		<u> </u>		TASK D.6 YOTAL	303	\$974.35		\$2,673.86	\$50,01

					1	Base	Base		Actual
			Name of		Estimated	Hourly	Labor	Billing	Labor
Task		Staff	Proposed	Consultant	Number	Rate	Cost (\$)	Rate	Cost (\$)
No.	Taşk Summary	Cleasification	Staff Person	Name	of Hours	(\$/hour)	= (F)*(G)	(\$/hour)	= (F)^(I)
1 1	· · · · · · · · · · · · · · · · · · ·				1			l	'
[A]	(B)	[0]	[D]	[E]	[F]	[G]	[H]		(J)
TARKE	WESTSON RECOVERED WATER	PROCEED FOR MANAGEMENT OF THE PARTY OF THE P	THE RESERVE OF THE PERSON OF T			电影型 电影响	计特别存款单数		

Other	Direct Costs		Effective Project Multiplier	257.70
Cost .	Description		(* Total Actual Labor Cost / Total Base Labor Cost)	
\$5,000	Out-of-town travel		Maximum Allowable Effective Project Multiplier ≈ 3.2	
\$5,000	Out- of town meal, travel and lodging a	openses.		
\$20,000	Specialty printing		TOTAL PROJECT COS	T BREAKDOWN
\$0	Specialty computer hardware and soft	HMS		
\$3,000	Courier services		Total Actual Latior Cost:	\$3,584,364
\$8,000	Permit free		·	
\$2,000	Expedited couries services when requi	ested by SFPUC staff;	Total Fixed Allowance Items	\$70,000
\$2,000	Safety equipment			
\$25,000	Potholing			
			Markup on Subconsultant Labor Cost	\$54,436
	TOTAL OTHER DIRECT COSTS	\$70,000	(Maximum Allowable: 5% of subconsultant labor costs)	
			·	Barren and an article
			TOTAL PROJECT COST	文章 30,000,007 (5h)

The Consultant shall comprise the OPS Schedule so that the Actual Labor Coets provided for tasks with specified abovances are commistered with three abovance continued to the Coets and the Coets and the Coets and the Coets are considered abovances are commistered with three abovances. The Coets are continued to the Coets and Coets are coets are commissed and the Coets are coets and coets are c

NOTES; 1. Rater to Section VL5 (OPS Evaluation) of the RFP for how the Effective Project Multiplier will be used to evaluate Consultant's Fee Schedule. 2. Refer to Section VL5 (OPS Evaluation) of the RFP for how the Total Project Cost will be used to evaluate Consultant's Fee Schedule.

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO.	15-0248

WHEREAS, On October 26, 2010, pursuant to Resolution No. 10-0177, this Commission awarded Water Enterprise, Water System Improvement Program (WSIP)-funded Agreement No. CS-109, Specialized Engineering Services for Recycled Water Projects, and authorized the General Manager of the San Francisco Public Utilities Commission (SFPUC) to negotiate and execute a professional services agreement, in the amount of \$3,700,000 and with a term of six years, with Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. Joint Venture (KJ/Sheikh/WRE, JV); and

WHEREAS, Amendment No. 1 is being requested for \$1,800,000, with a time extension of three years, increasing the total not-to-exceed agreement amount to \$5,500,000 and the total agreement duration to nine years, in order to provide additional engineering services in support of the implementation of the Westside Recycled Water Project; and

WHEREAS, A Contract Monitoring Division sub consulting goal of 14% Local Business Enterprise participation (of the total value of services to be provided) has been established for this agreement; and

WHEREAS, Funds for this agreement are available from Project No. CUW302-01 – San Francisco Westside Recycled Water Project; now, therefore, be it

RESOLVED, That this Commission hereby approves Amendment No. 1 to Water Enterprise, WSIP-funded Agreement No. CS-109, Specialized Engineering Services for Recycled Water Projects, with KJ/Sheikh/WRE, JV, to provide additional engineering services in support of the implementation of the Westside Recycled Water Project, and authorizes the General Manager of the SFPUC to execute this amendment, increasing the agreement by \$1,800,000, for a total agreement amount of \$5,500,000, and with a time extension of three years, for a total agreement duration of nine years.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of December 8, 2015.

Secretary, Public Utilities Commission



Contract Administration Bureau 525 Golden Gate, 8th Floor San Francisco, CA 94102 т 415.551.4603

F 415.554.3225

January 12, 2016

Joel Faller

Kennedy Jenks Consultants/Bahman Sheikh Water Reuse Consulting/Water Resources Engrg, J 303 2nd Street

San Francisco, CA 94107

Email: joelfaller@kennedyjenks.com

RE: 1) Notice of Contract Amendment Certification - Engineering for Recycled Water Project (CS-109)

2) Transmittal - Executed Agreement #1 between City and County of San Francisco Public Utilities Commission and Kennedy Jenks Consultants/Bahman Sheikh Water Reuse Consulting/Water Resources Engrg, JV (KJ/Sheikh/WRE, JV)

Dear Mr. Faller:

This letter provides a notification of amendment certification for an INCREASE in contract value and duration for the following contracted work:

BLANKET PURCHASE ORDER NO:

BPUC11000048

- Work may not be charged against this

blanket purchase order number

SCOPE:

To provide engineering services to support the Recycled Water Program Westside and Eastside Projects

EFFECTIVE DATE:

November 22, 2010 to November 30, 2019

CONTRACT TO DATE:

Total value of contract not to exceed

\$5,500,000.00

Francesca Vietor President

Edwin M. Lee

Mayor

Invoices must be charged against specific task orders only after a Notice to Proceed has

been issued.

Should you have any questions, please do not hesitate to contact Rosiana Angel at (415) 554-1549.

Anson Moran Vice President

Ann Moller Caen Commissioner

Vince Courtney Commissioner

> lke Kwon Commissioner

Harlan L. Kelly, Jr. General Manager

Enclosure: Executed Amendment #1

cc: Susan Yee

File/NCAC-CS-109 Amendment #1



City and County of San Francisco
San Francisco Public Utilities Commission
Contracts Administration Bureau
525 Golden Gate Avenue, 8th Floor
San Francisco, CA 94102

First Amendment between the City and County of San Francisco and
Kennedy Jenks Consultants/ Bahman Sheikh Water Reuse Consulting/ Water Resources
Engineering, JV (KJ/Sheikh/WRE, JV) for
Specialized Engineering Services for Recycled Water Projects
(CS-109)

THIS AMENDMENT (this "Amendment") is made as of **December 11, 2015**, in San Francisco, California, by and between **KJ/Sheikh/WRE**, **JV** ("Contractor"), and the City and County of San Francisco, a municipal corporation ("City"), acting by and through its San Francisco Public Utilities Commission.

RECITALS

WHEREAS, City and Contractor have entered into the Agreement (as defined below); and

WHEREAS, City and Contractor desire to modify the Agreement on the terms and conditions set forth herein to extend the performance period, increase the contract amount, and update standard contractual clauses; and

WHEREAS, approval for this Amendment was obtained when the Civil Service Commission approved Contract number 4124-09/10 on July 20, 2015; and

WHEREAS, approval for this Amendment was obtained when the Public Utilities Commission approved Resolution number 15-0248 on December 8, 2015;

NOW, THEREFORE, Contractor and the City agree as follows:

- 1. **Definitions.** The following definitions shall apply to this Amendment:
- 1a. Agreement. The term "Agreement" shall mean the Agreement dated October 26, 2010 between Contractor and City.
- 1b. Contract Monitoring Division. Effective July 28, 2012, with the exception of Sections 14B.9(D) and 14B.17(F), all of the duties and functions of the Human Rights Commission under Chapter 14B of the Administrative Code (LBE Ordinance) were transferred to the City Administrator, Contract Monitoring Division ("CMD"). Wherever "Human Rights Commission" or "HRC" appears in the Agreement in reference to Chapter 14B of the

P-550 (9-14)

1 of 7

Administrative Code or its implementing Rules and Regulations, it shall be construed to mean "Contract Monitoring Division" or "CMD" respectively.

- 1c. Other Terms. Terms used and not defined in this Amendment shall have the meanings assigned to such terms in the Agreement.
- 2. **Modifications to the Agreement.** The Agreement is hereby modified as follows:
 - **Section 2.** Section 2 Term of the Agreement currently reads as follows:
- 2. Term of the Agreement. Subject to Section 1, the term of this Agreement shall be from December 1, 2010 to November 30, 2016 with options to extend at the City's sole discretion.

Such section is hereby amended in its entirety to read as follows:

- 2. Term of the Agreement. Subject to Section 1, the term of this Agreement shall be from December 1, 2010 to November 30, 2019.
 - **2b.** Section 5. Section 5 Compensation of the Agreement currently reads as follows:
- Compensation. Compensation shall be made in monthly payments on or before the thirtieth day of each month for work, as set forth in Section 4 of this Agreement, that the General Manager of the Public Utilities Commission, in his or her sole discretion, concludes has been performed as of the last day of the immediately preceding month. In no event shall the amount of this Agreement exceed Three Million Seven Hundred Thousand Dollars (\$3,700,000). The breakdown of costs associated with this Agreement appears in Appendix B, "Calculation of Charges," attached hereto and incorporated by reference as though fully set forth herein. No charges shall be incurred under this Agreement nor shall any payments become due to Contractor until reports, services, or both, required under this Agreement are received from Contractor and approved by the San Francisco Public Utilities Commission as being in accordance with this Agreement. City may withhold payment to Contractor in any instance in which Contractor has failed or refused to satisfy any material obligation provided for under this Agreement.

In no event shall City be liable for interest or late charges for any late payments.

The Controller is not authorized to pay invoices submitted by Contractor prior to Contractor's submission of HRC Progress Payment Form. If Progress Payment Form is not submitted with Contractor's invoice, the Controller will notify the department, the Director of HRC and Contractor of the omission. If Contractor's failure to provide HRC Progress Payment Form is not explained to the Controller's satisfaction, the Controller will withhold 20% of the payment due pursuant to that invoice until HRC Progress Payment Form is provided. Following City's payment of an invoice, Contractor has ten days to file an affidavit using HRC Payment Affidavit verifying that all subcontractors have been paid and specifying the amount.

Such section is hereby amended in its entirety to read as follows:

5. Compensation. Compensation shall be made in monthly payments on or before the thirtieth day of each month for work, as set forth in Section 4 of this Agreement, that the General Manager of the Public Utilities Commission, in his or her sole discretion, concludes has been performed as of the last day of the immediately preceding month. In no event shall the amount of this Agreement exceed Five Million Five Hundred Thousand Dollars (\$5,500,000). The breakdown of costs associated with this Agreement appears in Appendix B, "Calculation of Charges," attached hereto and incorporated by reference as though fully set forth herein. No charges shall be incurred under this Agreement nor shall any payments become due to Contractor until reports, services, or both, required under this Agreement are received from Contractor and approved by the San Francisco Public Utilities Commission as being in accordance with this Agreement. City may withhold payment to Contractor in any instance in which Contractor has failed or refused to satisfy any material obligation provided for under this Agreement.

In no event shall City be liable for interest or late charges for any late payments.

The Controller is not authorized to pay invoices submitted by Contractor prior to Contractor's submission of CMD Progress Payment Form. If Progress Payment Form is not submitted with Contractor's invoice, the Controller will notify the department, the Director of CMD and Contractor of the omission. If Contractor's failure to provide CMD Progress Payment Form is not explained to the Controller's satisfaction, the Controller will withhold 20% of the payment due pursuant to that invoice until CMD Progress Payment Form is provided. Following City's payment of an invoice, Contractor has ten days to file an affidavit using CMD Payment Affidavit verifying that all subcontractors have been paid and specifying the amount.

2c. Insurance. Section 15 is hereby replaced in its entirety to read as follows:

15. Insurance.

- a. Without in any way limiting Contractor's liability pursuant to the "Indemnification" section of this Agreement, Contractor must maintain in force, during the full term of the Agreement, insurance in the following amounts and coverages:
- 1) Workers' Compensation, in statutory amounts, with Employers' Liability Limits not less than \$1,000,000 each accident, injury, or illness; and
- 2) Commercial General Liability Insurance with limits not less than \$2,000,000 each occurrence and \$2,000,000 general aggregate for Bodily Injury and Property Damage, including Contractual Liability, Personal Injury, Products and Completed Operations; and
- 3) Commercial Automobile Liability Insurance with limits not less than \$1,000,000 each occurrence, "Combined Single Limit" for Bodily Injury and Property Damage, including Owned, Non-Owned and Hired auto coverage, as applicable.
- 4) Professional liability insurance, applicable to Contractor's profession, with limits not less than \$2,000,000 each claim with respect to negligent acts, errors or omissions in connection with the Services.

- Commercial General Liability and Commercial Automobile Liability Insurance policies must be endorsed to provide:
- Name as Additional Insured the City and County of San Francisco, its Officers, Agents, and Employees.
- That such policies are primary insurance to any other insurance available to the Additional Insureds, with respect to any claims arising out of this Agreement, and that insurance applies separately to each insured against whom claim is made or suit is brought.
- All policies shall be endorsed to provide thirty (30) days' advance written notice to the City of cancellation for any reason, intended non-renewal, or reduction in coverages. Notices shall be sent to the City address set forth in the Section entitled "Notices to the Parties."
- Should any of the required insurance be provided under a claims-made form, Contractor shall maintain such coverage continuously throughout the term of this Agreement and, without lapse, for a period of three years beyond the expiration of this Agreement, to the effect that, should occurrences during the contract term give rise to claims made after expiration of the Agreement, such claims shall be covered by such claims-made policies.
- Should any required insurance lapse during the term of this Agreement. requests for payments originating after such lapse shall not be processed until the City receives satisfactory evidence of reinstated coverage as required by this Agreement, effective as of the lapse date. If insurance is not reinstated, the City may, at its sole option, terminate this Agreement effective on the date of such lapse of insurance.
- Before commencing any Services, Contractor shall furnish to City certificates of insurance and additional insured policy endorsements with insurers with ratings comparable to A-, VIII or higher, that are authorized to do business in the State of California, and that are satisfactory to City, in form evidencing all coverages set forth above. Approval of the insurance by City shall not relieve or decrease Contractor's liability hereunder.
- The Workers' Compensation policy(ies) shall be endorsed with a waiver of subrogation in favor of the City for all work performed by the Contractor, its employees, agents and subcontractors.
- If Contractor will use any subcontractor(s) to provide Services, Contractor shall require the subcontractor(s) to provide all necessary insurance and to name the City and County of San Francisco, its officers, agents and employees and the Contractor as additional insureds.
- 2d. Replacing "Earned Income Credit (EIC) Forms" Section with "Consideration of Criminal History in Hiring and Employment Decisions" Section. Section 32 "Earned Income Credit (EIC) Forms" is hereby replaced in its entirety to read as follows:

32. Consideration of Criminal History in Hiring and Employment Decisions.

Contractor agrees to comply fully with and be bound by all of the provisions of Chapter 12T "City Contractor/Subcontractor Consideration of Criminal History in Hiring and Employment Decisions," of the San Francisco Administrative Code (Chapter 12T), including the remedies provided, and implementing regulations, as may be amended from time to time. The provisions of Chapter 12T are incorporated by reference and made a part of this

Agreement as though fully set forth herein. The text of the Chapter 12T is available on the web at www.sfgov.org/olse/fco. A partial listing of some of Contractor's obligations under Chapter 12T is set forth in this Section. Contractor is required to comply with all of the applicable provisions of 12T, irrespective of the listing of obligations in this Section. Capitalized terms used in this Section and not defined in this Agreement shall have the meanings assigned to such terms in Chapter 12T.

- b. The requirements of Chapter 12T shall only apply to a Contractor's or Subcontractor's operations to the extent those operations are in furtherance of the performance of this Agreement, shall apply only to applicants and employees who would be or are performing work in furtherance of this Agreement, shall apply only when the physical location of the employment or prospective employment of an individual is wholly or substantially within the City of San Francisco, and shall not apply when the application in a particular context would conflict with federal or state law or with a requirement of a government agency implementing federal or state law.
- c. Contractor shall incorporate by reference in all subcontracts the provisions of Chapter 12T, and shall require all subcontractors to comply with such provisions. Contractor's failure to comply with the obligations in this subsection shall constitute a material breach of this Agreement.
- d. Contractor or Subcontractor shall not inquire about, require disclosure of, or if such information is received, base an Adverse Action on an applicant's or potential applicant for employment's, or employee's: (1) Arrest not leading to a Conviction, unless the Arrest is undergoing an active pending criminal investigation or trial that has not yet been resolved; (2) participation in or completion of a diversion or a deferral of judgment program; (3) a Conviction that has been judicially dismissed, expunged, voided, invalidated, or otherwise rendered inoperative; (4) a Conviction or any other adjudication in the juvenile justice system; (5) a Conviction that is more than seven years old, from the date of sentencing; or (6) information pertaining to an offense other than a felony or misdemeanor, such as an infraction.
- e. Contractor or Subcontractor shall not inquire about or require applicants, potential applicants for employment, or employees to disclose on any employment application the facts or details of any conviction history, unresolved arrest, or any matter identified in subsection 32(d), above. Contractor or Subcontractor shall not require such disclosure or make such inquiry until either after the first live interview with the person, or after a conditional offer of employment.
- f. Contractor or Subcontractor shall state in all solicitations or advertisements for employees that are reasonably likely to reach persons who are reasonably likely to seek employment to be performed under this Agreement, that the Contractor or Subcontractor will consider for employment qualified applicants with criminal histories in a manner consistent with the requirements of Chapter 12T.
- g. Contractor and Subcontractors shall post the notice prepared by the Office of Labor Standards Enforcement (OLSE), available on OLSE's website, in a conspicuous

place at every workplace, job site, or other location under the Contractor or Subcontractor's control at which work is being done or will be done in furtherance of the performance of this Agreement. The notice shall be posted in English, Spanish, Chinese, and any language spoken by at least 5% of the employees at the workplace, job site, or other location at which it is posted.

- h. Contractor understands and agrees that if it fails to comply with the requirements of Chapter 12T, the City shall have the right to pursue any rights or remedies available under Chapter 12T, including but not limited to, a penalty of \$50 for a second violation and \$100 for a subsequent violation for each employee, applicant or other person as to whom a violation occurred or continued, termination or suspension in whole or in part of this Agreement.
 - 2. Cooperative Drafting. Section 61 is hereby added to the Agreement, as follows:
- 61. Cooperative Drafting. This Agreement has been drafted through a cooperative effort of both parties, and both parties have had an opportunity to have the Agreement reviewed and revised by legal counsel. No party shall be considered the drafter of this Agreement, and no presumption or rule that an ambiguity shall be construed against the party drafting the clause shall apply to the interpretation or enforcement of this Agreement.
- 3. Effective Date. Each of the modifications set forth in Section 2 shall be effective on and after the effective date.
- 4. Legal Effect. Except as expressly modified by this Amendment, all of the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

/// /// IN WITNESS WHEREOF, Contractor and City have executed this Amendment as of the date first referenced above.

CITY

Recommended by:

Harlan L. Kelly, Jr.

General Manager San Francisco public Utilities Commission **CONTRACTOR**

KaySheikh/WRE,

oel A. Faller

Kennedy/Jenks Consultants
Title: Vice President/JV Principal

City vendor number: 80702

Approved as to Form:

Dennis J. Herrera

City Attorney

By:

David R. Hobstetter

Deputy City Attorney

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO.	17-0229

WHEREAS, On October 26, 2010, pursuant to Resolution No. 10-0177, this Commission awarded Water Enterprise, Water System Improvement Program-funded Agreement No. CS-109, Specialized Engineering Services for Recycled Water Projects, and authorized the General Manager of the San Francisco Public Utilities Commission (SFPUC) to negotiate and execute a professional services agreement in the amount of \$3,700,000 and with a term of six years, concluding on November 30, 2016, with Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc., Joint Venture (KJ/Sheikh/WRE, JV); and

WHEREAS, This Commission approved Amendment No. 1 to CS-109 on December 8, 2015, increasing the total amount of the agreement by \$1,800,000 and extending the contract term by three years, increasing the total not-to-exceed agreement amount to \$5,500,000 and the total agreement duration to nine years, in order to provide additional engineering services in support of the implementation of the Westside Recycled Water Project; and

WHEREAS, Staff requests that the Commission approve Amendment No. 2 to CS-109 to increase contract funding by \$2,500,000, with a three-year time extension, increasing the total not-to-exceed agreement amount to \$8,000,000 and total agreement duration to twelve years, in order to provide additional engineering services for: design of irrigation system modifications, engineering support during bidding and construction for irrigation system contract work, preparation of operations plans and standard operating procedures for new recycled water facilities, and other support services as-required for project implementation; and

WHEREAS, The Contract Monitoring Division (CMD) has established a subconsulting requirement of 14% Local Business Enterprise participation (of the total value of services to be provided) for this agreement; and

WHEREAS, Funds for this agreement are available from Project No. CUW302-01 San Francisco Westside Recycled Water Project; now, therefore, be it

RESOLVED, That this Commission approves Amendment No. 2 to Water Enterprise, Water System Improvement Program-funded Agreement No. CS-109, Specialized Engineering Services for Recycled Water Projects, with KJ/Sheikh/WRE, JV to provide additional engineering services in support of the implementation of the Westside Recycled Water Project, and authorizes the General Manager of the SFPUC to execute this amendment, increasing the agreement by \$2,500,000, for a total not-to-exceed agreement amount of \$8,000,000, and with a time extension of three years, for a total agreement duration of 12 years, subject to Board of Supervisors approval pursuant to Charter Section 9.118.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of November 14, 2017.

Secretary, Public Utilities Commission



525 Golden Gate Avenue, 13th Floor San Francisco, CA 94102 T 415.554.3155 F 415.554.3161

TTY 415.554.3488

TO:

Angela Calvillo, Clerk of the Board

FROM:

Sara Chandler, SFPUC Policy and Government Affairs

DATE:

November 16, 2017

SUBJECT:

Agreement Amendment - Specialized Engineering Services,

Recycled Water Projects - Not to Exceed \$8,000,000

Attached please find an original and one copy of a proposed resolution authorizing the General Manager of the San Francisco Public Utilities
Commission (SFPUC) to execute Amendment No. 2 to Agreement No. CS-109, Specialized Engineering Services, Recycled Water Projects with Kennedy Jenks Consultants, Inc./Bahman Sheikh Water Reuse Consulting/Water Resources Engineering, Inc. a Joint Venture (KJ/Sheikh/WRE, JV), to continue providing additional engineering services in support of the Westside Recycled Water Project, increasing the agreement by \$2,500,000, for a total not-to-exceed agreement amount of \$8,000,000, and with a time extension of three (3) years, for a total agreement duration of twelve (12) years, subject to the Board of Supervisors approval pursuant to Charter Section 9.118.

The following is a list of accompanying documents (2 sets):

- 1. Board of Supervisors Resolution
- 2. SFPUC Resolution No. 10-0177
- 3. CS-109 Original Contract
- 4. SFPUC Resolution No. 15-0248
- 5. Amendment No. 1 to CS-109
- SFPUC Resolution No. 17-0229
- 7. Amendment No. 2 to CS-109
- 8. Form SFEC-126

Please contact Sara Chandler at (415) 554-0758 if you need any additional information on these items.

Edwin M, Lee Mayor

Francesca Vietor President

> Anson Moran Vice President

Ann Moller Caen Commissioner

Vince Courtney Commissioner

> Ike Kwon Commissioner

Harlan L. Kelly, Jr. General Manager



File No. 171216

FORM SFEC-126: NOTIFICATION OF CONTRACT APPROVAL

(S.F. Campaign and Governmental Conduct Code § 1.126)

City Elective Officer Information (Please print clearly.)					
Name of City elective officer(s): Members, Board of Supervisors	City elective office(s) held: Members, Board of Supervisors				

Contractor Information (Please print clearly.)

Name of contractor: KJ/SHEIKH/WRE JV (CS-109)

Please list the names of (1) members of the contractor's board of directors; (2) the contractor's chief executive officer, chief financial officer and chief operating officer; (3) any person who has an ownership of 20 percent or more in the contractor; (4) any subcontractor listed in the bid or contract; and (5) any political committee sponsored or controlled by the contractor. Use additional pages as necessary.

- (1) KJ/SHEIKH/WRE Joint Venture (JV) Executive Management Committee
 - Kennedy/Jenks Consultants (KJ Lead JV Member (60% participation); Joel Faller, KJ, JV Executive Member)
 - Bahman Sheikh Consulting (SHEIKH Non-lead JV Member (5% participation); Bahman Sheikh, SHEIKH, JV Executive Member)
 - Water Resources Engineering (WRE Non-lead JV Member (25% participation); Gustavo Arboleda, WRE, JV Executive Member)
- (2) KJ/SHEIKH/WRE JV Member Officers
 - Kennedy/Jenks Consultants (Keith London, CEO; Laurie Bishop, CFO; Harold Glasser, COO WIBU)
 - Bahman Sheikh Consulting (Bahman Sheikh, Consultant, CEO; no CFO or COO)
 - Water Resources Engineering (Gustavo Arboleda, CEO; Gloria Fleitas, CFO; no COO)
- (3) NONE
- (4) SUBCONSULTANTS
 - Avila & Associates
 - Bartle Wells
 - CH2MHill
 - Cadnet
 - Data Instincts
 - Environmental Water Management
 - George Tchobanoglous
 - Geotechnical Consultants, Inc
 - Jim Cook
 - Labor Compliance Managers
 - MCK Associates
 - Meridian Surveying
 - Merrill Morris Partners
 - Merritt Smith
 - Natalie Macris Planning-Editing
 - Russ Mitchel & Associates
 - Saylor Consulting
 - Somach Simmons & Dunn
 - Status Consulting
 - Structus
 - Total Environmental Solutions
 - Valerie Young
 - Wau & Company
 - Whitley Burchette
- (5) NONE

Contractor address: 303 Second Street: Suite 300 South, San Francisco, CA 94107

File No. 171216

	Amount of contract: Amendment = \$2,500,000 New total contract = \$8,000,000				
Describe the nature of the contract that was approved: Amendment to A Services in support of SFPUC Westside Recycled Water Projects for trincluding retrofit of irrigation systems.					
Comments:					
This contract was approved by (check applicable):					
□ the City elective officer(s) identified on this form					
a board on which the City elective officer(s) serves <u>San Fran</u>	cisco Board of Supervisors Name of Board				
□ the board of a state agency (Health Authority, Housing Authority Board, Parking Authority, Relocation Appeals Board, and Local of the City elective officer(s) identified on this form sits Print Name of Board					
Filer Information (Please print clearly.)					
Name of filer: Angela Calvillo, Clerk of the Board	Contact telephone number: (415) 554-5184				
Address: City Hall, Room 244, 1 Dr. Carlton B. Goodlett Pl., San Francisco, CA	E-mail: Board.of.Supervisors@sfgov.org				
Signature of City Elective Officer (if submitted by City elective officer)	Date Signed				
Signature of Board Secretary or Clerk (if submitted by Board Secretary S:\ALL FORMS\Campaign Finance\SFEC	or Clerk) Date Signed - 126\Form SFEC-126 Notification of Contract Approval 9.14.doc				