Modification of Agreement - #6

Consultant Contracts

This Agreement is made this xx th day of November, 2014, in the City and County of San Francisco.

Whereas, the City & County of San Francisco and Jacobs Project Management Co., have entered into an Agreement for Executive Construction Management Services for the San Francisco General Hospital Rebuild Program and

Whereas, the parties now desire to modify the Agreement as described in Attachment A, now, therefore the parties agree as follows.

The City will:	
X Add Deduct the sum of \$ 4,4	74,706 for changes described in the
referenced attachment.	
X Add Subtract 0	calendar days To X From the original
Agreement or the latest modification as desc	cribed in the referenced attachment.
In all other respects, the original Agreement and a effect.	Il modifications thereto shall remain in full force and
CITY & COUNTY OF SAN FRANCISCO	CONSULTANT
Approved	
	Jacobs Project Management Co.
Edgar Lopez, Division (or Bureau) Manager	Name of Consultant Firm
Approved	
	160 Spear Street, Suite 330
Mohammed Nuru Director of Public Works	Address
Approved as to Form: Dennis J. Herrera	
City Attorney	San Francisco, CA 94105
By Deputy City Attorney	City, State, Zip
	By (Signature)
	Type Name & Title

ATTACHMENT A CONTRACT MODIFICATION NO. 6

Pursuant to Section 3 (Term of the Agreement), Section 6 (Compensation), and Section 34 (Modification of Agreement) of the Agreement (DPW Order No.: 177,756) between the City and County of San Francisco and Jacobs Project Management Co., the amount of the Agreement shall be increased by \$4,474,706 (Four Million Four Hundred Seventy Four Thousand Seven Hundred Six Dollars) for Executive Construction Management Services for the San Francisco General Hospital Rebuild Program.

Attachment A stipulates that the following sections (below) shall be incorporated into the Agreement between the City and County of San Francisco and Jacobs Project Management Co. Unless otherwise noted in this Contract Modification, all other terms and conditions in the Original Contract dated August 5, 2008 and all previously approved Contract Modifications, shall remain unchanged.

SCOPE OF WORK: Per the Base Contract, Jacobs Project Management Co. will provide executive project management services for the San Francisco General Hospital Rebuild Program. Services include the following:

<u>Pre-Construction Phase Services:</u> Construction Planning/Document Control Tasks; Budget/Cost Estimating/Cost Control Tasks; and Construction Scheduling/Schedule Control Tasks.

<u>Construction Phase Services:</u> Construction Administration/Document Control Tasks; Construction Scheduling/Schedule Control Tasks; Budget/Const Estimating/Cost Control Tasks; Inspector of Record Inspection, and Quality Assurance/Quality Control Inspection Tasks

Close-Out Phase Services

Post-Construction Phase Services

This modification is for additional estimated level of effort for continued executive construction management services, for the period of February 2015 through December 2016.

Appendix A – Scope of Work

COMPENSATION: Professional service fees for this contract shall be increased by Four Million Four Hundred Seventy Four Thousand Seven Hundred Six Dollars (\$4,474,706).

Appendix B – Calculation of Charges

TOTAL COMPENSATION (Fee + Reimbursables):

Twenty Million Eight Hundred Thirteen Thousand Nine Hundred Fifty Dollars (\$20,813,950)

CONTRACT DURATION: The contract duration for services under the Agreement shall remain unchanged.

BILLING PROCEDURES: Billing procedures remain unchanged and are per the Agreement dated August 5, 2008.

APPENDIX A

SCOPE OF WORK

The scope of work under this modification includes additional level of effort to provide continued executive construction management services, estimated for the period of February 2015 through December 2016. Tasks include but are not limited to construction phase services, close-out phase services, and post-construction phase services as outlined in the Agreement (EXHIBIT 1). The Consultant's estimated level of effort for the period of February 2015 through December 2016 is outlined in EXHIBIT 2.

Continuing usage of executive construction management services will be contingent upon annual review of Jacobs' performance. A performance review will be conducted and recorded in the 4th quarter of the fiscal year. The criteria for performance evaluation are listed in EXHIBIT 3, Department of Public Works Consultant Performance Evaluation Form (attached). In addition, on a monthly basis, a report which includes forecasted versus actual budget utilization will be submitted to the Program Manager, for review and evaluation.



APPENDIX B

CALCULATION OF CHARGES

The Consultant acknowledges and agrees that, due to funding limitation at the time of this Modification, the Controller cannot certify the availability of funds for all of the services which the City intends the Consultant to perform under this Modification. The City will authorize the Consultant to perform only those services under this Modification covered by certified funds. The Consultant acknowledges and agrees that any service performed in excess of the value of the certified funds would be unauthorized and performed at the Consultant's own risk.

FEE: Professional service fees for this contract shall not exceed Four Million Four Hundred Seventy Four Thousand Seven Hundred Six Dollars (\$4,474,706).

1. Actual performance shall proceed by task order. From time to time, the City will issue task orders to the Consultant. Each task order will identify the scope of work required by that order and specify a not-to-exceed amount. The Consultant shall perform only those services described in the task order.

Task Order No. 1 in this Modification, includes the following tasks covered by \$4,474,706 of certified funds (estimated budget for services during the period of February 2015 – December 2016):

CONSTRUCTION PHASE SERVICES

- Construction Administration/Document Control Tasks (See EXHIBIT 1, Task 2.A. from the Contract)
- Construction Scheduling/Schedule Control Tasks (See EXHIBIT 1, Task 2.B. from the Contract)
- Budget/Cost Estimating/Cost Control Tasks (See EXHIBIT 1, Task 2.C. from the Contract)

CLOSE-OUT PHASE SERVICES (See EXHIBIT 1, Task 3 from the Contract)

POST-CONSTRUCTION PHASE SERVICES (See EXHIBIT 1, Task 4 from the Contract)



- Reviewing, evaluating, validating, and reconciling construction cost estimates and project cost projections and
 escalations prepared by A/E Team and CM/GC + Design Assist Team participants to facilitate the establishment
 of a value-targeted budget and scope. Preparing independent cost estimates for all trade packages, including
 those for which the Core Subcontractors will submit a price.
- Providing detailed construction cost estimates for the major design phases: Schematic Design (SD), Design Development (DD), and Construction Drawings (CD). Participating in cost estimating sessions for reconciliation with the CM/GC's and the A/E Team's cost estimates.
- Providing independent cost estimates at 50% CD and 100% CD, including estimates for each bid package.
 Compare these cost estimates with the ones prepared by the A/E Team and reconcile the differences. Once the reconciliation process is complete, providing a report documenting the differences and the recommended construction cost.
- Providing cost budget, cost forecasting, and cost monitoring management services. Providing as-needed cost
 estimates at critical points of the DD to assure completion of the Project within the cost budgets approved by the
 City.
- Providing other as-needed cost analyses, cost estimating, and cost control services.

1.C. Construction Scheduling/Schedule Control Tasks

- Preparing and monitoring the detailed baseline cost-loaded and resource-loaded SFGH Rebuild Program Master Schedule outlining all tasks and milestones between the SD and CD phases to facilitate and to track the design and financial status of the SFGH Rebuild Program. Baseline Schedules shall also be used to monitor and track all OSHPD and/or City and State-agencies that have jurisdiction over the plan review process.
- Providing monthly updates of the SFGH Rebuild Program Master Schedule. Preparing and submitting reports
 detailing the monthly updated cost and resource-loaded schedules for the Master Schedule and tracking the
 progress of the A/E Team through the SD, DD, and CD phases. The status reports shall include information
 pertaining to the current project schedule and cost expenditures compared to the as-planned baseline project
 schedule and cost budgets. Recommendations on how to recover from schedule slippages.
- Providing as-needed schedule updates during critical points of the DD and CD phases to assure completion of the
 design within the baseline schedule timeline. Providing recommendations, as necessary, to ensure that the
 Project can meet the schedule milestones.
- Preparing status reports regarding project schedule and budget and construction budget expenditures.
- All construction project schedules will be prepared utilizing the Critical Path Method (CPM) and the Primavera suite of programs (P3, P6, Contractor, etc.).

2. CONSTRUCTION PHASE SERVICES

2.A. Construction Administration/Document Control Tasks

- Establishing and maintaining overall Project and Construction Controls Systems (PCCS) throughout the Project, including automated daily workflow processing and automated reporting. The PCCS will be implemented during the design phase to facilitate and document communication between the A/E Team, CM/GC + Core Subcontractors, the City, and other Consultants and will continue to be used throughout the construction to post-construction phases. PCCS to utilize common commercially available web-based database; ProLog Website, CMiC Collaboration software, or equal, which includes the following minimum features: change order and change order request tracking and management, contract management, CAD reader, Xref uploading, field administration, procurement, project dashboard, program dashboard, project reporting, project logs, tracking RFIs/submittals, document management and archival, redline tools, photo management, punch list, collaboration tools, and cost management.
- Providing access and support services to the A/E Team, CM/GC, the City, and other Consultants to the PCCS.
- Developing, implementing, and maintaining a project documentation system that will be utilized starting at Pre-Construction Phase and continue through the Post-Construction Phase to ensure that a comprehensive and complete of record of project documents is maintained at the completion of the project. This comprehensive and uniform project filing system will be used for tracking, reporting, recording all project documentation for the complete Project. All project documentation shall be scanned in the Adobe Acrobat format (.pdf) and archived onto DVD-Rom storage medias or equivalent, as approved by the City. At project completion, the Executive CM shall deliver the complete project documents, including copies of all scanned digital images, to the City.

- Providing as-needed construction administration support.
- Establishing processes and procedures and roles and responsibilities of the Project Team to ensure the timely
 resolution of all issues, including but not limited to, RFIs, Submittals, Proposed Change Orders (PCOs), Change
 Orders (CO), Change Order Requests (CORs), Correction Notices, Non-conforming Work Reports, etc.
- Coordinating with CM/GC and A/E Team on the BIM reports/studies and coordination drawings.
- Participating in and recording Integrated Team constructability workshops, reviews and deliverables including Building Information Modeling reports and studies.
- Reviewing and advising on CM/GC's and its subcontractors' shop drawings, fabrication drawings, coordination drawings, submittals, and RFIs for compliance with the Contract Documents.
- Providing expert advice and recommendations on resolving technical and contractual issues and/or disputes that arise during construction between the CM/GC and the A/E Team.
- Reviewing, coordinating and recommending action on all deliverables and submittals from consultants, A/E Team, and CM/GC and Subcontractors on the project.
- Assisting with Community Outreach services.

2.B. Construction Scheduling/Schedule Control Tasks

- Reviewing and analyzing the CM/GC's baseline CPM schedules (cost and resource-loaded). Preparing and submitting reports detailing the review and approval of the CPM schedules.
- Reviewing and analyzing the CM/GC's monthly updated CPM schedules (cost and resource-loaded). Preparing and submitting reports detailing the review and approval of the CM/GC's schedules.
- Reviewing and analyzing the CM/GC's revised CPM schedules (cost and resource-loaded). Preparing and submitting reports detailing the review and approval of the CPM schedules.
- Preparing periodic progress status reports.
- Reviewing and commenting on all schedules submitted by the CM/GC, including "look-ahead" schedules.
- Providing schedule analysis of the impacts of proposed change orders and pending/approved change orders on the project duration and schedule.
- Preparing independent project schedules (as required) for the review and analysis of the CM/GC time impact analysis submittals. Reviewing and analyzing and providing recommendations to the CM/GC's request(s) for time extension.
- Preparing schedule updates and as-built schedules, as required, based on as-built/gathered data.
- Reviewing and negotiating change order requests and change orders as they relate to time impact to the construction schedule.
- Preparing status reports regarding project schedule and budget and as it relates to the construction activity progress and construction budget expenditures.

2.C. Budget/Cost Estimating/Cost Control Tasks

- Developing and implementing a tracking system for the monitoring the status of construction change orders, change order requests, and proposed change orders. Reviewing and advising the City on CM/GC's change order requests/proposals.
- Preparing independent cost estimates to evaluate the change order requests submitted by the CM/GC and Subcontractors. Negotiating change order requests and change orders for both time and cost and providing appropriate recommendations to the City.
- Preparing progress and financial status reports.
- Providing claims and schedule delay analyses.
- Preparing reports monitoring construction progress and construction budget expenditures.

2.D. Inspector of Record Inspection, and Quality Assurance/Quality Control Inspection Tasks

- Providing Hospital Inspector of Record (IOR) services to verify that the construction of the new hospital facility conforms to the approved plans and specifications and any approved change orders to those documents. The IOR shall attend weekly progress meetings with the City, CM/GC, A&E, and Executive CM.
- Supporting City Staff to monitor CM/GC's quality assurance/quality control (QA/QC) program.



- Developing a reporting system independent of the CM/GC's QA/QC program that tracks, monitors, and documents all work that require testing and inspection and all records of the entities that have inspected such work for acceptance.
- Developing a reporting system independent of the CM/GC's QA/QC program that tracks, monitors, and documents all non-conforming work reports (NCR) and OSHPD and IOR correction notices and correction of such NCR(s) and correction notices.
- Assisting with the coordination of the CM/GC's utility tie-in connections to existing facilities and campus services to minimize disruption to hospital operations.
- Establishing, providing, and maintaining daily and weekly digital photographic records of progress of the work, as needed and approved by the City. Where advantageous and upon request by the City, make digital video camera records of the work. (Note: if this task is included in the specifications as a Contractor's requirement, then the Executive CM shall coordinate and maintain the records.)
- Supporting City Staff in coordination of construction activities with SFGH campus and hospital operations and neighboring community.
- Assisting City Staff to coordinate testing and inspection with OSHPD, SF Building Inspection Department, SF Fire Marshall, and other Agencies having jurisdiction, including commissioning, project close-out, and functional and operational activities.
- The City and/or its other Consultants will be responsible for all special inspection services: (i.e. concrete, reinforcing steel, piling, drilled piers and caissons, in-place density tests, structural welding, high-strength bolting, base isolation, masonry, and spray-on fireproofing). The Executive CM will only be responsible for coordinating all such special inspection activities between the IOR, CM/GC, and the City and its Consultants.
- Reviewing the actual completed work and providing recommendations to the City as they relate to Contractor's payment requests. Monitoring and assisting City Staff in the approval of Contractor's progress payment.
- Performing quality assurance inspections, and miscellaneous field inspections required in the specifications, except those specifically noted to be performed by the CM/GC and its subcontractors. Witnessing, documenting, and preparing reports for all tests and inspections performed by CM/GC and its subcontractors.
- Managing, coordinating, and scheduling all inspections and testing services.
- Coordinating building commissioning services with CM/GC and Third Party Commissioning, as required to satisfy OSHPD and LEED requirements. Coordinating all OSHPD and LEED documentation and close-out activities.

3. CLOSE-OUT PHASE SERVICES

- Coordinating all required OSHPD and LEED close-out documentation and other close-out activities as outlined in the Contract Documents.
- Working with the Third Party Commissioning Authority to ensure that all building commissioning documentation is complete and in compliance with the Contract Documents.
- Assisting and coordinating the implementation of the Building System Start-up and Building Commissioning process between the City's Commissioning Authority, Department of the Environment, A/E Team, IOR, and CM/GC and Subcontractors.
- Assisting the Commissioning Authority in documenting the Endurance Testing to be performed by the CM/GC and Subcontractors.
- Coordinating with the CM/GC and City Staff the training of operation and maintenance of building systems.
 Providing digital recordings of all such training for record purposes, unless otherwise determined to be performed by the CM/GC or others.
- Developing a system for the tracking of punchlist items. Coordinating with the CM/GC and Subcontractors on the timely correction and completion of all punchlist items. There shall be no outstanding punchlist items at Final Completion. Warranty work shall not constitute punchlist work.
- Coordinating and tracking the delivery of all spare parts, operation and maintenance manuals, warranty
 documents, training logs, as-built/record drawings, keys, and any other items necessary to the City.
- Assisting with Community Outreach services

4. POST-CONSTRUCTION PHASE SERVICES



- Setting up a records and retrieval system designed for ease of use and information retrieval. Records shall
 include reports, test results, inspections, contract documents, change orders, change order requests, schedules,
 as-built/record drawings, billings and payment requests, cost accounting, and project correspondences including
 emails. An index shall be developed identifying the type of records and their location. At this time, it is envisioned
 that files will be boxed for archival storage and will include electronic files on DVD-Roms or other media. The
 storage system must be approved by the City.
- Maintaining and providing records in electronic format and hardcopy of all email correspondences of all staff throughout the project
- Assisting the City in ensuring that the CM/GC and Subcontractors honor their warranty responsibilities in a timely manner.
- Assisting the City in preparation for and depending against any and all legal claims and court suits.
- The Executive CM may be retained for a period of three (3) years after the completion of the Project, terminable at any time upon written notice from the City. The exact date for the commencement of this phase shall be mutually agreed upon by the City and the Executive CM, and may be dependent on various factors, including but not limited to: Certificate of Final Completion and Occupancy, all final payments, and resolution of issues connected with local, State, and Federal agencies.

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er, PE 6 Owaley or Consulting, Estimating Saylor Coyle tang n Wong	Hours Hours	158 \$ 23,195 158 \$ 80,844 40 169	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169	158 23,195 \$ 158 80,844 \$ 40 169	158 \$ 23,195 158 \$ 80,844 40 169 169	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169	158 \$ 23,195 158 \$ 80,844 40 169	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169	158	158 23,195 158 158 53,238 140 169	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40	158 23,195 \$ 158 53,238 \$ 40	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863	158 23,891 \$ 158 27,496 \$ 20	158 23,891 \$ 158 27,496 \$ 20	23,891 \$ 158 27,496 \$ 20	23,891 \$ 158 28,321 \$ 20	\$ 23,891 \$ 158 \$ 27,496 \$ 20	23,891 \$ 158 27,496 \$ 20	158 11,945 \$ 79.165 23,392 \$	11,945 \$ 79.165 23,392 \$	158 11,945 79.165 23,392	79.165 79.392 \$ 23,392 \$	104 11,945 79.165 23,392	104 \$ 11,945 79.165 \$ 23,392	1737 \$ 215,016 1424.97 \$ 306,151 120 1016	3167 560 1355 2879	\$	
ter, PE e Owsley for Consulting, Estimating I Saylor Coyle Dang in Wong for Consulting, Estimating	Hours Hours Hours Hours Hours	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 169	158 23,195 \$ 158 80,844 \$ 40 169 169 169	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548	\$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548	158 \$ 23,195 1 158 \$ 53,238 3 40 169 169 379	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 169 169 379	158 23,195 \$ 158 53,238 \$ 40 169 169 379	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863	158 23,891 \$ 158 27,496 \$ 20 85 85 85	158 23,891 \$ 158 27,496 \$ 20 85 85	23,891 \$ 158 27,496 \$ 20 85 85 189	23,891 \$ 158 28,321 \$ 20 85 85 85	\$ 23,891 \$ 158 \$ 27,496 \$ 20 \$ 85 \$ 85 \$ 189	158 23,891 \$ 158 27,496 \$ 20 85 85 189	158 11,945 \$ 79,165 23,392 \$ 85 85	11,945 \$ 79.165 23,392 \$ 85 85 169	158 11,945 79.165 23,392 85 85 169	\$ 11,945 \$ 79.165 \$ 23,392 \$ \$ 85 85 169	104 11,945 79.165 23,392 85 85	104 \$ 11,945 79.165 \$ 23,392 85 85	1737 \$ 215,016 1424.97 \$ 306,151 120	3167 560 1355 2879 2879	\$	Ĺ
ter, PE e Owsley for Consulting, Estimating I Saylor Coyle Dang In Wong For Consulting, Estimating For Consulting, Estimating With Y CONSULTANTS THLY JACOBS	Hours Hours Hours Hours 1,099,681 \$ 1,099,681	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 122,734 \$ 110,756	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 122,734 \$ 115,544	158 23,195 \$ 158 80,844 \$ 40 169 169 169 548 122,734 \$ 110,756 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 122,734 \$ 110,756	\$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 122,734 \$ \$ 115,544 \$ 115,544 \$ 115,544 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 122,734 \$ 110,756	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 122,734 \$ \$ 110,756 \$	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 115,544 \$	158 \$ 23,195 : 158 \$ 53,238 : 40 169 169 379 \$ 110,756 : 110,756 :	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 \$ 169 \$ 379 \$ \$ 110,756 \$ \$ 110,756 \$ \$ 110,756 \$ \$	158 23,195 \$ 158 53,238 \$ 40 169 169 379	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863 1863 5520	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$	3,891 \$ 158 27,496 \$ 20 85 85 189 114,078 \$ 114,078 \$	23,891 \$ 158 28,321 \$ 20 85 85 189 71,468 \$ 114,078 \$	\$ 23,891 \$ 158 \$ 27,496 \$ 20 85 85 189 \$ 70,643 \$ \$ 114,078 \$	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70.643 \$ 114,078 \$	158 11,945 \$ 79,165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$	11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$	158 11,945 79.165 23,392 85 85 169 54,593 73,076	\$ 11,945 \$ 79.165 \$ 23,392 \$ 85 85 169 \$ 47,986 \$ \$ 73,076 \$	104 11,945 79.165 23,392 85 85 169 47,986 73,076	104 \$ 11,945 79.165 \$ 23,392 85 85 169 \$ 47,986 \$ 73,076	1737 \$ 215,016 1424.97 \$ 306,151 120 1016 1016 2152	3167 560 1355 2879 2879 7,672		1,112,6
ter, PE e Owsley for Consulting, Estimating I Saylor Coyle Dang In Wong for Consulting, Estimating INTHLY CONSULTANTS THILY JACOBS LARKUP CONSULT	Hours Hours Hours Hours S 1,999,681	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 122,734 \$ \$ 115,544 \$ \$ 115,545 \$	158 23,195 \$ 158 80,844 \$ 40 169 169 169 548 122,734 \$ 110,756 \$ 6,137 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137	\$ 23,195 \$ 158 \$ 80,844 \$ 40 \$ 169 \$ 169 \$ 169 \$ 548 \$ 115,544 \$ \$ 115,544 \$ \$ 6,137 \$ \$ 6,137 \$ \$ 6,137 \$ \$	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 122,734 \$ \$ 110,756 \$ \$ 121,734 \$	158	158 23,195 158 158 53,238 140 169 169 379 10,756 5 4,756 5 4,756	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 \$ 169 \$ 379 \$ \$ 95,129 \$ \$ 10,756 \$ \$ 10,756 \$ \$ 4,756 \$ \$	158 23,195 \$ 158 53,238 \$ 40 169 169 379	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863 1863 5520 \$ \$	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$	3,891 \$ 158 27,496 \$ 20 85 85 85 189 6 70,643 \$ 114,078 \$ 114,078 \$ 3 3,552 \$ 3,552 \$	23,891 \$ 158 28,321 \$ 20 85 85 114,078 \$ 114,078 \$ 3,573 \$	\$ 23,891 \$ 158 \$ 158 \$ 27,496 \$ 20 \$ 85 \$ 189 \$ 5 70,643 \$ 5 11,4078 \$ 5 3,522 \$ 3,532 \$ 5 3,532 \$ 5	158 23,891 \$ 158 27,496 \$ 20 85 85 85 189	158 11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$	11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$	158 11,945 79.165 23,392 85 85 169 54,593	\$ 11,945 \$ 79.165 \$ 23,392 \$ 85 85 169 \$ 47,986 \$ \$ 73,076 \$ \$ 2,399 \$ 2,399 \$	104 11,945 79.165 23,392 85 85 169 47,986 73,076 2,399	104 \$ 11,945 79.165 \$ 23,392 85 85 169 \$ 47,986 \$ 73,076 \$ 2,399	1737 \$ 215,016 1424.97 \$ 306,151 120 1016 1016 2152	3167 560 1355 2879 2879		1,112,6
ter, PE re Owsley lor Consulting, Estimating I Saylor Coyle Dang lor Consulting, Estimating Ior Consulting, Estimating White Value State W	Hours Hours Hours Hours 1,999,681 \$ 1,999,681 \$ 2,359,039 \$ 99,984 \$ 16,002	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 102,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 \$ 169 \$ 169 \$ 169 \$ 548 \$ 115,544 \$ \$ 6,137 \$ \$ 6,137 \$ \$ 3,800 \$ \$ 3,800 \$	158 23,195 \$ 158 80,844 \$ 40 169 169 169 548 110,756 \$ 6,137 \$ 3,800 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 115,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 6	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 100	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 122,734 \$ \$ 110,756 \$ \$ 121,734 \$	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 548 \$ 115,544 \$ 5 115,544 \$ 5 6,137 \$ 5 100 \$ 5	158	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 \$ 169 \$ 379 \$ \$ 110,756 \$ \$ 4,756 \$ \$ 4,756 \$ \$ 100,556 \$ 100,556 \$ \$ 100,556 \$ 100,5	158 23,195 158 53,238 40 169 169 379 95,129 114,193 4,756 100	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863 1863 5520	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 1100 \$ 10000 \$ 10000 \$ 10000 \$ 10000 \$ 1000 \$ 1000 \$ 1000 \$ 1000 \$ 1000 \$ 10	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 1100 \$	23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 5 100	23,891 \$ 158 28,321 \$ 20 85 85 189 71,468 \$ 114,078 \$ 3,573 \$ 100 \$	\$ 23,891 \$ 158 \$ 158 \$ 27,496 \$ 20 \$ 20 \$ 20 \$ 20 \$ 20 \$ 20 \$ 20 \$ 2	23,891 \$ 158	11,945 \$ 79,165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 2,730 \$ 100 \$	11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 100 \$	158 11,945 79.165 23,392 85 85 85 169 54,593 73,076 2,730	\$ 11,945 \$ 79.165 \$ 23,392 \$ \$ 85 \$ 85 \$ 169 \$ \$ 47,986 \$ \$ 73,076 \$ \$ \$ 2,399 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	104 11,945 79.165 23,392 85 85 169 47,986 73,076 2,399	104 \$ 11,945 79,165 \$ 23,392 85 85 169 \$ 47,986 \$ 73,076 \$ 2,399 \$ 2,399	1737 \$ 215,016 1424.97 \$ 306,151 120 1016 1016 2152 General Req	3167 560 1355 2879 2879 7,672 uirements - Consultants Total		1,112,6
ter, PE e Owsley for Consulting, Estimating I Saylor Coyle Dang for Consulting, Estimating for Consulting, Estimating White Consulting, Estimating White Consult ANTS WHITE JACOBS HARKUP CONSULT ERAL CONDITIONS	Hours Hours Hours Hours 1,999,681 \$ 1,999,681 \$ 2,359,039 \$ 99,984 \$ 16,002	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 102,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 \$ 169 \$ 169 \$ 169 \$ 548 \$ 115,544 \$ \$ 6,137 \$ \$ 6,137 \$ \$ 3,800 \$ \$ 3,800 \$	158 23,195 \$ 158 80,844 \$ 40 169 169 169 548 110,756 \$ 6,137 \$ 3,800 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 115,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 6	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 100	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 110,756 \$ \$ 6,137 \$ \$ 1 10,756 \$	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 548 \$ 115,544 \$ 5 115,544 \$ 5 6,137 \$ 5 100 \$ 5	158	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 \$ 169 \$ 379 \$ \$ 110,756 \$ \$ 4,756 \$ \$ 4,756 \$ \$ 100,556 \$ 100,556 \$ \$ 100,556 \$ 100,5	158 23,195 158 53,238 40 169 169 379 95,129 114,193 4,756 100	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863 1863 5520	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 110,000 \$ 10	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 1100 \$	23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 5 100	23,891 \$ 158 28,321 \$ 20 85 85 189 71,468 \$ 114,078 \$ 3,573 \$ 100 \$	\$ 23,891 \$ 158 \$ 27,496 \$ 20 \$ 20 \$ 85 \$ 189 \$ 5 114,078 \$ \$ 114,078 \$ \$ 1,525 \$ 100 \$ \$ 100 \$ \$	23,891 \$ 158	11,945 \$ 79,165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 2,730 \$ 100 \$	11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 100 \$	158 11,945 79.165 23,392 85 85 85 169 54,593 73,076 2,730	\$ 11,945 \$ 79.165 \$ 23,392 \$ \$ 85 \$ 85 \$ 169 \$ \$ 47,986 \$ \$ 73,076 \$ \$ \$ 2,399 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	104 11,945 79.165 23,392 85 85 169 47,986 73,076 2,399	104 \$ 11,945 79,165 \$ 23,392 85 85 169 \$ 47,986 \$ 73,076 \$ 2,399 \$ 2,399	1737 \$ 215,016 1424.97 \$ 306,151 120 1016 1016 2152 General Req	3167 560 1355 2879 2879 7,672	\$	2,015,6
tar Royce ter, PE ve Owsley for Consulting, Estimating I Saylor Coyle Dang on Wong for Consulting, Estimating NTHLY CONSULTANTS ITHLY JACOBS AMARKUP CONSULT ERAL CONDITIONS AL MONTHLY	Hours Hours Hours Hours 1,999,681 \$ 1,999,681 \$ 2,359,039 \$ 99,984 \$ 16,002	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 102,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 \$ 169 \$ 169 \$ 169 \$ 548 \$ 115,544 \$ \$ 6,137 \$ \$ 6,137 \$ \$ 3,800 \$ \$ 3,800 \$	158 23,195 \$ 158 80,844 \$ 40 169 169 169 548 110,756 \$ 6,137 \$ 3,800 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 115,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 100	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 110,756 \$ \$ 6,137 \$ \$ 1 10,756 \$	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 548 \$ 115,544 \$ 5 115,544 \$ 5 6,137 \$ 5 100 \$ 5	158	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 \$ 169 \$ 379 \$ \$ 110,756 \$ \$ 4,756 \$ \$ 4,756 \$ \$ 100,556 \$ 100,556 \$ \$ 100,556 \$ 100,5	158 23,195 158 53,238 40 169 169 379 95,129 114,193 4,756 100	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863 1863 5520	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 110,000 \$ 10	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 1100 \$	23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 5 100	23,891 \$ 158 28,321 \$ 20 85 85 189 71,468 \$ 114,078 \$ 3,573 \$ 100 \$	\$ 23,891 \$ 158 \$ 27,496 \$ 20 \$ 20 \$ 85 \$ 189 \$ 5 114,078 \$ \$ 114,078 \$ \$ 1,525 \$ 100 \$ \$ 100 \$ \$	23,891 \$ 158	11,945 \$ 79,165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 2,730 \$ 100 \$	11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 100 \$	158 11,945 79.165 23,392 85 85 85 169 54,593 73,076 2,730	\$ 11,945 \$ 79.165 \$ 23,392 \$ \$ 85 \$ 85 \$ 169 \$ \$ 47,986 \$ \$ 73,076 \$ \$ \$ 2,399 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	104 11,945 79.165 23,392 85 85 169 47,986 73,076 2,399	104 \$ 11,945 79,165 \$ 23,392 85 85 169 \$ 47,986 \$ 73,076 \$ 2,399 \$ 2,399	1737 \$ 215,016 1424.97 \$ 306,151 120 1016 1016 2152 General Req	3167 560 1355 2879 2879 7,672 uirements - Consultants Total	\$	
ter, PE e Owsley for Consulting, Estimating I Saylor Coyle Dang for Consulting, Estimating for Consulting, Estimating White Consulting, Estimating White Consult ANTS WHITE JACOBS HARKUP CONSULT ERAL CONDITIONS	Hours Hours Hours Hours 1,999,681 \$ 1,999,681 \$ 2,359,039 \$ 99,984 \$ 16,002	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 102,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 \$ 169 \$ 169 \$ 169 \$ 548 \$ 115,544 \$ \$ 6,137 \$ \$ 6,137 \$ \$ 3,800 \$ \$ 3,800 \$	158 23,195 \$ 158 80,844 \$ 40 169 169 169 548 110,756 \$ 6,137 \$ 3,800 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 115,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 100	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 110,756 \$ \$ 6,137 \$ \$ 1 10,756 \$	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 548 \$ 115,544 \$ 5 115,544 \$ 5 6,137 \$ 5 100 \$ 5	158	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 \$ 169 \$ 379 \$ \$ 110,756 \$ \$ 4,756 \$ \$ 4,756 \$ \$ 100,556 \$ 100,556 \$ \$ 100,556 \$ 100,5	158 23,195 158 53,238 40 169 169 379 95,129 114,193 4,756 100	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863 1863 5520	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 110,000 \$ 10	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 1100 \$	23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 5 100	23,891 \$ 158 28,321 \$ 20 85 85 189 71,468 \$ 114,078 \$ 3,573 \$ 100 \$	\$ 23,891 \$ 158 \$ 27,496 \$ 20 \$ 20 \$ 85 \$ 189 \$ 5 114,078 \$ \$ 114,078 \$ \$ 1,525 \$ 100 \$ \$ 100 \$ \$	23,891 \$ 158	11,945 \$ 79,165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 2,730 \$ 100 \$	11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 100 \$	158 11,945 79.165 23,392 85 85 85 169 54,593 73,076 2,730	\$ 11,945 \$ 79.165 \$ 23,392 \$ \$ 85 \$ 85 \$ 169 \$ \$ 47,986 \$ \$ 73,076 \$ \$ \$ 2,399 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	104 11,945 79.165 23,392 85 85 169 47,986 73,076 2,399	104 \$ 11,945 79,165 \$ 23,392 85 85 169 \$ 73,076 \$ 2,399 \$ 123,460	1737 \$ 215,016 1424.97 \$ 306,151 120 1016 1016 2152 General Req Total of Gene	3167 560 1355 2879 2879 7,672 uirements - Consultants Total eral Requirements, & Jacobs Mod #6	\$	2,015,6
er, PE 6 Owsley or Consulting, Estimating Saylor Coyle lang or Consulting, Estimating or Consulting, Estimating ITILLY CONSULTANTS ITILLY JACOBS ARKUP CONSULT REAL CONDITIONS	Hours Hours Hours Hours 1,999,681 \$ 1,999,681 \$ 2,359,039 \$ 99,984 \$ 16,002	158 \$ 23,195 158 \$ 80,844 40 169 169 169 548 \$ 102,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 \$ 169 \$ 169 \$ 169 \$ 548 \$ 115,544 \$ \$ 6,137 \$ \$ 6,137 \$ \$ 3,800 \$ \$ 3,800 \$	158 23,195 \$ 158 80,844 \$ 40 169 169 169 548 110,756 \$ 6,137 \$ 3,800 \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 3,800	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 115,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$ 5 100,544 \$ \$ 6,137 \$ \$	158 \$ 23,195 158 \$ 80,844 40 169 169 548 \$ 122,734 \$ 110,756 \$ 6,137 \$ 100	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 169 548 \$ 112,734 \$ \$ 110,756 \$ \$ 6,137 \$ \$ 1 10,756 \$	158 \$ 23,195 \$ 158 \$ 80,844 \$ 40 169 169 548 \$ 115,544 \$ 5 115,544 \$ 5 6,137 \$ 5 100 \$ 5	158	158 \$ 23,195 \$ 158 \$ 53,238 \$ 40 \$ 169 \$ 379 \$ \$ 110,756 \$ \$ 4,756 \$ \$ 4,756 \$ \$ 100,556 \$ 100,556 \$ \$ 100,556 \$ 100,5	158 23,195 158 53,238 40 169 169 379 95,129 114,193 4,756 100	1742 \$ 255,143 \$ 1742 \$ 806,467 \$ 440 1355 1863 1863 5520	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 110,000 \$ 10	158 23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 1100 \$	23,891 \$ 158 27,496 \$ 20 85 85 189 70,643 \$ 114,078 \$ 3,532 \$ 5 100	23,891 \$ 158 28,321 \$ 20 85 85 189 71,468 \$ 114,078 \$ 3,573 \$ 100 \$	\$ 23,891 \$ 158 \$ 27,496 \$ 20 \$ 20 \$ 85 \$ 189 \$ 5 114,078 \$ \$ 114,078 \$ \$ 1,525 \$ 100 \$ \$ 100 \$ \$	23,891 \$ 158	11,945 \$ 79,165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 2,730 \$ 100 \$	11,945 \$ 79.165 23,392 \$ 85 85 169 54,593 \$ 73,076 \$ 2,730 \$ 100 \$	158 11,945 79.165 23,392 85 85 85 169 54,593 73,076 2,730	\$ 11,945 \$ 79.165 \$ 23,392 \$ \$ 85 \$ 85 \$ 169 \$ \$ 47,986 \$ \$ 73,076 \$ \$ \$ 2,399 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	104 11,945 79.165 23,392 85 85 169 47,986 73,076 2,399	104 \$ 11,945 79,165 \$ 23,392 85 85 169 \$ 73,076 \$ 2,399 \$ 123,460	1737 \$ 215,016 1424.97 \$ 306,151 120 1016 1016 2152 General Req Total of Gene	3167 560 1355 2879 2879 7,672 uirements - Consultants Total	\$	2,015,6

CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS CONSULTANT PERFORMANCE EVALUATION FORM Bureau of Architecture Bureau of Construction Management Bureau of Engineering Project Management PROJECT DATA J.O.# Project Name: Consultant Work Scope: CONSULTANT DATA Name & Address **Consultant Contact** Phone Prime Sub-Consultant **CONTRACT DATA** DPW Order # PCS# CSO# (if applicable) Completion Agreement Date Start (or CSO date) Contract Amount Original Final (or CSO amount) **OVERALL RATING SUMMARY** Exceeded Satisfactory Standards Unsatisfactory Quality of Work Responsiveness to Staff **Budgetary Factors** Overall Rating **AGENCY SIGNATURES Signature** Date Name Project Manager Program Manager ☐ Route to: Division Manager

Page 1 of 3

DETAILED RATINGSPlease check applicable boxes

E = Exceeded Standards

S = Satisfactory U = Unsatisfactory N/A = Not applicable

T.	O. W. AWY	-	~	~ .	377	T		_	~		N 7/:
Item	Quality of Work	E	S	U	N/A	Item	Responsiveness to the City	E	S	U	N/A
	Project Construction Controls Systems (PCCS) Team Support						Timeliness of Invoice Submittal				
A	PCCS system shall not have down time of more than 1% of construction time.					I	Metric: Invoices are to be submitted within 30 days of a billing period (Example: Invoice for services during the period of May 1 - 30, 2011, are to be submitted by June 30, 2011).				
	Jacobs IT is to respond to IT issues within 24 hours of notification from the City. Proposed solutions and level of effort estimate are to be						Timely Responses of Contract Tasks				
	submitted to City within 2 weeks of proposed modification or new task.						Submittal Responses -				
	Resource & Contract Budget Management Efficiency					J	Within 5 business days upon receipt of response from the Architect.				
В	Metric:						CPM Schedule Analysis - Due on 3rd Thursday each month Document				
	 Actual costs per year are not to exceed projection-based encumbrances. If exceeded, justification shall be provided. 						scanning/archiving - Duration between received date and e-file date shall not exceed 1 week, based on DPW spot check.				
	Construction Budget Support						Timeliness of Deliverables				
С	Upon receipt of an RFPCO from the CM/GC, Jacobs will provide a draft analysis/recommendation within 72 hours.					K	Cost Estimates/Change Orders - Draft assessment due within 2 weeks after CM/GC submits a change order request.				
	Clarity of Contract Task						 Monthly Report - Due on 				
	Communications Metrics:						 3rd Friday each month. Meeting Minutes - within six (6) business days of OAC Meeting 				
D	 CPM Analysis - Jacobs is to provide understandable, succinct assessment and recommendation. 						Communication & Conflict Management / Teamwork				
	 Document Control - Documents are to be filed correctly per quarterly audits by DPW. 					L	Metric:				T
	Completeness of Deliverables						 Manner of communication/support is to be consistent with Integrated Project Delivery approach. 				
_	Metric:						Timeliness in Notifying City of Major Issues				
Е	Deliverables are to be complete, with clear identification of contents, appropriate exhibits/components and concise executive summary. Examples are: cost reports, Monthly Reports, etc.					М	Metric:				
Item	Budgetary Factors	E	S	U	N/A		 DPW is to be notified of major issues within the same day of Jacobs' 				

							awareness.							
	Adherence to Fee Schedule													
	Metric:													
F	Monthly invoice billing rates													
	are to match rates in the													
<u> </u>	Contract.				<u> </u>									
	Level of Effort Forecasting Accuracy								1	-				
	Metric:			1	1	-		+	-	-				
	 Projected vs. actual cost analysis is to be completed bi- 													
G	annually to confirm that actual													
	costs do not exceed projected													
	costs. If exceeded, justification													
<u> </u>	should be provided.		L		<u> </u>									
1	Clarity & Thoroughness of Invoice													
**	Submittals								1	-				
Н	Metric: • Invoice revisions are to be less			1	1			-		-				
	 Invoice revisions are to be less than 1 time per invoice. 													
<u> </u>	man i time per myorce.	<u>I</u>	<u>I</u>	J	1	1			1	<u> </u>	<u> </u>			
	COMMENTS & SUPPLEMENTAL INFORMATION (OPTIONAL)													
	additional sheets and/or documentation						Supporting documentation att	ached	Yes	N	lo			
C A	0 Occ. E						Sapporting documentation att							
Safet	y & Office Environment													
Saar	e & Project Planning													
Scop	e & Froject Flaming													
Com	munication & Responsiveness													
	•													
Tech	nical Services Support													
Staff	ing, Management & Support Servic	es												
Cuil	ma, management at pupport bet the													
Sche	duling Services & Support													
				-										
Cost	Management & Estimating Service	C												
Cost	management & Estimating Service	3												
Proie	ect Controls & Support Services													

EXHIBIT 3