

**AGREEMENT FOR FINAL DESIGN SERVICES  
BETWEEN  
CITY OF SAN JOSE  
AND  
SANTA CLARA VALLEY TRANSPORTATION AUTHORITY  
FOR  
THE SANTA CLARA/ALUM ROCK BUS RAPID TRANSIT PROJECT**

THIS AGREEMENT is made and entered into this \_\_\_\_ day of \_\_\_\_\_ 2012, by and between the CITY OF SAN JOSE, a municipal corporation (hereinafter "CITY"), and THE SANTA CLARA VALLEY TRANSPORTATION AUTHORITY, a public agency organized as a special district under California law (hereinafter "VTA").

**RECITALS**

WHEREAS, the City and VTA desire final design services for Santa Clara/Alum Rock Bus Rapid Transit Project ("PROJECT"), and other related services as outlined in EXHIBIT A; and

WHEREAS, the design services include: final traffic signal, pedestrian and lighting design; and;

WHEREAS, CITY has the necessary professional expertise and skill to perform such services;

NOW, THEREFORE, the purpose of this AGREEMENT is to retain CITY to perform those services specified in SECTION 1 of this AGREEMENT.

THE PARTIES HEREBY AGREE AS FOLLOWS:

**SECTION 1. SCOPE OF SERVICES.**

CITY shall perform those services specified in detail in EXHIBIT A, entitled "SCOPE OF SERVICES", which is attached hereto and incorporated herein.

**SECTION 2. TERM OF AGREEMENT.**

The term of this AGREEMENT shall be from the date of execution to December 31, 2013, inclusive, subject to the provisions of SECTION 10 of this AGREEMENT.

**SECTION 3. SCHEDULE OF PERFORMANCE.**

The services of CITY are to be completed according to the schedule set out in EXHIBIT B, entitled "SCHEDULE OF PERFORMANCE", which is attached hereto and incorporated herein.

**SECTION 4. COMPENSATION.**

The compensation to be paid to CITY for professional services, authorized reimbursable expenses, and additional services, if any, shall not exceed FIVE HUNDRED EIGHTY THOUSAND DOLLARS (\$580,000.00). The rate and schedule of payment is set out in EXHIBIT C, entitled "COMPENSATION," which is attached hereto and incorporated herein.

**SECTION 5. METHOD OF PAYMENT.**

CITY shall periodically furnish to the VTA a statement of the work performed for compensation during the preceding period. Such statement shall also include a detailed record of the period's actual reimbursable expenditures. Such statement shall be sent to the following address:

VTA - Accounts Payable

3331 N. First Street, Building A

San Jose, CA 95134-1906

**SECTION 6. INDEPENDENT CONTRACTOR.**

It is understood and agreed that CITY, in the performance of the work and services agreed to be performed by CITY, shall act as and be an independent contractor and not an agent or employee of VTA.

**SECTION 7. ASSIGNABILITY.**

The parties agree that the expertise and experience of CITY are material considerations for this AGREEMENT. CITY shall not assign or transfer any interest in this AGREEMENT nor the performance of any of CITY's obligations hereunder, without the prior written consent of VTA, and any attempt by CITY to so assign this AGREEMENT or any rights, duties or obligations arising hereunder shall be void and of no effect.

**SECTION 8. INDEMNIFICATION.**

Pursuant to Government Code Section 895.4, each of the parties hereto shall fully indemnify, defend and hold the other party, its officers, employees and agents, harmless from any damage or liability imposed for injury (as defined in Government Code section 810.8) occurring by reason of the negligent acts or omissions or willful misconduct of the indemnifying party, its officers, employees or agents, arising out of or in connection with any work performed under this AGREEMENT. Neither party, nor any officer, employee or agent thereof shall be responsible for any damage or liability occurring by reason of the negligent acts or omissions or willful misconduct of the other party hereto, its officers, employees or agents, arising out of or in connection with any work performed under this AGREEMENT.

**SECTION 9. NONDISCRIMINATION.**

CITY shall not discriminate, in any way, against any person on the basis of race, sex, color, age, religion, sexual orientation, actual or perceived gender identity, disability, ethnicity, or national origin, in connection with or related to the performance of this AGREEMENT.

**SECTION 10. TERMINATION.**

A. If either party hereto fails to perform any of its material obligations under this AGREEMENT, in addition to all other remedies provided by law, the other party may terminate this AGREEMENT immediately upon written notice.

B. CITY's Director of Public Works is empowered to terminate this AGREEMENT on behalf of CITY. VTA's Chief E&C Officer is empowered to terminate this AGREEMENT on behalf of VTA.

C. In the event of termination, CITY shall deliver to VTA copies of all reports, documents, and other work performed by CITY under this AGREEMENT, and upon receipt thereof, VTA shall pay CITY for services performed and authorized reimbursable expenses incurred to the date of termination in accordance with the provisions of EXHIBIT C.

**SECTION 11. GOVERNING LAW.**

CITY and VTA agree that the law governing this AGREEMENT shall be that of the State of California.

**SECTION 12. CONFIDENTIAL INFORMATION.**

All data, documents, discussions or other information developed or received by or for CITY in performance of this AGREEMENT are confidential and not to be disclosed to any person except as authorized by VTA, or as required by law.

**SECTION 13. OWNERSHIP OF MATERIALS.**

All reports, documents or other materials prepared by CITY or any other person engaged directly or indirectly by CITY to perform the services required hereunder, upon delivery thereof by CITY, shall become the property of VTA, and shall be used for the purposes of constructing, using and maintaining the elements of the PROJECT for which they were prepared, and for no other purpose without the consent of CITY (which consent CITY may withhold in its sole and absolute discretion), and CITY shall have no liability for any such non-consensual use.

**SECTION 14. WAIVER.**

The failure of either party to insist upon the strict performance of any of the terms, covenant and conditions of this AGREEMENT shall not be deemed a waiver of any right or remedy that either party may have, and shall not be deemed a waiver of their right to require strict performance of all of the terms, covenants, and conditions thereafter.

**SECTION 15. CITY'S BOOKS AND RECORDS.**

A. CITY shall maintain any and all ledgers, books of account, invoices, vouchers, cancelled checks, and other records or documents evidencing or relating to charges for services, or expenditures and disbursements charged to VTA for a minimum period of three (3) years, or for any longer period required by law, from the date of final payment to CITY pursuant to this AGREEMENT.

B. CITY shall maintain all documents and records which demonstrate performance under this AGREEMENT for a minimum period of three (3) years, or for any longer period required by law, from the date of termination or completion of this AGREEMENT.

C. Any records or documents required to be maintained pursuant to this AGREEMENT shall be made available for inspection or audit at no cost to VTA, at any time during regular business hours, upon written request by Chief E&C Officer. Unless an alternative is mutually agreed upon, the records shall be available at CITY's address indicated for receipt of notices in this AGREEMENT.

**SECTION 16. DISPUTE RESOLUTION.**

If a question arises regarding interpretation of this AGREEMENT or its performance, or the alleged failure of a party to perform, the party raising the question or making the allegation shall give written notice thereof to the other party. The parties shall promptly meet in an effort to resolve the issues raised. If the parties fail to resolve the issues raised, alternative forms of dispute resolution, including mediation or binding arbitration, may be pursued by mutual agreement. It is the intent of the parties to the extent possible that litigation be avoided as a method of dispute resolution.

**SECTION 17. NOTICES.**

All notices and other communications required or permitted to be given under this AGREEMENT shall be in writing and shall be personally served or mailed, postage prepaid and return receipt requested, addressed to the respective parties as follows:

To CITY: City of San Jose  
Department of Public Works  
David Sykes, Director of Public Works  
200 E. Santa Clara Street, 5th Floor  
San Jose, CA 95113-1905

To VTA: Santa Clara Valley Transportation Authority  
Mark S. Robinson, Chief E&C Officer  
3331 North First Street, Bldg. A  
San Jose, CA 95134-1906

Notice shall be deemed effective on the date personally delivered or, if mailed, three (3) days after deposit in the mail.

**SECTION 18. VENUE.**

In the event that suit shall be brought by either party to this AGREEMENT, the parties agree that venue shall be exclusively vested in the state courts of the County of Santa Clara, or if federal jurisdiction is appropriate, exclusively in the United States District Court, Northern District of California, San Jose, California.

**SECTION 19. PRIOR AGREEMENTS AND AMENDMENTS.**

This AGREEMENT, including all Exhibits attached hereto, represents the entire understanding of the parties as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters

covered hereunder. This AGREEMENT may only be modified by a written amendment duly executed by the parties to this AGREEMENT.

**SECTION 20.      WARRANTY OF AUTHORITY TO EXECUTE AGREEMENT.**

Each party to this AGREEMENT represents and warrants that each person whose signature appears hereon has been duly authorized and has the full authority to execute this AGREEMENT on behalf of the entity that is a party to this AGREEMENT.

**SECTION 21.      SEVERABILITY.**

If any term, covenant, condition or provision of this AGREEMENT, or the application thereof to any person or circumstance, shall to any extent be held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the terms, covenants, conditions and provisions of this AGREEMENT, or the reasonable application thereof to any person or circumstance, shall remain in full force and effect and shall in no way be affected, impaired or invalidated thereby.

**WITNESS THE EXECUTION HEREOF** on the day and year first hereinabove written.

“CITY”

APPROVED AS TO FORM:

CITY OF SAN JOSE, a municipal corporation

\_\_\_\_\_  
GLENN SCHWARZBACH  
Senior Deputy City Attorney

By \_\_\_\_\_  
DENNIS D. HAWKINS, CMC  
City Clerk

“VTA”

APPROVED AS TO FORM:

THE SANTA CLARA VALLEY  
TRANSPORTATION AUTHORITY, a public  
agency

\_\_\_\_\_  
ROBERT FABELA  
General Counsel

By \_\_\_\_\_  
MICHAEL T. BURNS  
General Manager

**EXHIBIT A**  
**SCOPE OF SERVICES**

**GENERAL PROJECT DESCRIPTION**

CITY shall provide final traffic signal and lighting design services for the PROJECT. The PROJECT location is shown in Exhibit A-1.

Below is a summary of tasks for CITY services which shall consist of the following eight (8) main activities:

- Task 1 - Project Management and Coordination
- Task 2 - Site Investigation/Background Gathering
- Task 3 - Draft Final Traffic Signal Design (65% complete) Submittal
- Task 4 - Bid Issue Traffic Signal Plans, Specifications and Estimate
- Task 5 - Draft Final Lighting Design (65% complete) Submittal
- Task 6 - Bid Issue Lighting Plans, Specifications and Estimate
- Task 7 - Additional Services

All design services will be performed under the responsible charge of a California registered engineer and City shall follow CH2 M Hill developed Quality Management Plan (QMP) for the project.

City will identify utility service termination points and design connections from improvements to the point of connection including necessary infrastructure to serve street lights and traffic signals needs on the project. VTA will request the point of connection and coordinate the necessary service connection agreements with the respective utility companies.

**TASK 1 Project Management and Coordination**

VTA shall serve as project manager for entire PROJECT. VTA's Project Manager shall be Ken Ronsee and his written designee, which Project Manager may be changed upon written notice to CITY. CITY designates Alan Kam, Senior Engineer, as the project manager for the services under this AGREEMENT, who shall be responsible for initiating and implementing the services, management, procedures and controls, and maintaining effective communications among the CITY, VTA and its consultants and other involved agencies and organizations regarding the services. The working interface between the CITY and VTA shall be defined by the following:

1. Upon execution of this AGREEMENT, the CITY shall commence coordination with VTA and the consultant team to advance final design, preparation of plans, specifications and cost estimates.
2. During the performance of services, the CITY shall furnish Monthly Engineering Progress Reports which will include the following:
  - 1) A narrative report of specific milestones accomplished during the reporting period, problems encountered or anticipated, future goals or tasks to be scheduled for the next reporting period, and review dates and results of quality control programs, technical evaluations, and inspections related to the design services.
  - 2) A cost report that shows, for each task, the current period and cumulative expenditures to date, the estimated cost to completion, the approved budget, and a comparison of the latter two to show any variation.
  - 3) An updated project services schedule that compares actual to planned performance in terms of time and percent complete for each task.
3. Teleconference meetings shall be held on a weekly basis between VTA's Project Manager and/or consultant and CITY's Project Manager to review services budget and schedule status and discuss any issues or potential issues that arise.
4. Throughout the performance of the services, CITY's Project Manager shall regularly monitor services progress as compared with budget expenditures and schedule to assure that the services are on track and resources are being appropriately utilized. The budget and schedule status reports described above comprise an important part of this Project Management activity.

Successful implementation of the services will involve the cooperation of a number of stakeholders, as determined by the VTA's Project Manager. Various VTA Departments and consultants, and CITY Departments and Agencies will need to cooperate and work together during all phases of the services.

CITY will participate in up to twelve (12) design initiation, design review, and project integration meetings, with respect to the final traffic signal and lighting design services, as scheduled by the VTA's Project Manager. At a minimum, CITY's Project Manager and up to a maximum of two (2) CITY project team members shall attend such project meetings on an as-needed basis.

VTA's Project Manager shall be responsible for coordinating all comments and other input regarding the services from the various VTA Departments and consultants, as well as other stakeholders (such as the results of community outreach efforts conducted by VTA) which comments and other input shall be delivered in written form through VTA's Project Manager to CITY's Project Manager; CITY shall only accept direction from the various VTA Departments and consultants, and other stakeholders, in this manner.

VTA QA department will review and perform design audits of the various submittals and review the stamped City's review sets in accordance with the requirements as stated in the QMP.

## **TASK 2 Site Investigation/Background Gathering**

The VTA and/or its consultant shall provide CITY with all available civil improvement plans, right-of-way maps, utility mapping, including gas and electrical, signing and striping plans, telecommunications, water (potable & recycled water), and others plans as applicable. This information will be required no less than thirty (30) days following the date of this AGREEMENT. CITY will review information thus obtained and shall perform a site visit of the full extent of the PROJECT site, as shown in EXHIBIT A-1, to determine if there are any apparent utility conflicts with the traffic signals and lighting which are the subject of design/re-design. The site investigation shall be limited to a review of available plans provided by the VTA (or obtained from utility companies) showing utilities or easements, and visiting and inspecting the surface of the site itself.

If, as a result of its site investigation, the CITY identifies possible utility conflicts with the proposed traffic signal or lighting facilities, the CITY shall coordinate with the appropriate VTA departments and/or utility companies to confirm the location and nature of the conflicts in question and identify possible solutions to such conflicts. CITY will recommend a course of action to VTA to resolve any such conflicts; provided, however that VTA shall be responsible for conducting negotiations, and reaching final resolution, with the utility companies. The Schedule of Performance shall be extended as reasonably required to permit resolution of any such conflicts. VTA shall provide CITY with written direction on how to proceed with design.

The VTA shall provide the CITY with roadway geometry and intersection layouts no less than thirty (30) days following the date of this AGREEMENT.

City shall submit design basis for street lighting and traffic signals to VTA for review and approval.

## **TASK 3- Draft Final Traffic Signal Design (65% complete) Submittal**

The basis of the 65% complete design shall be the comments received from the 35% design package previously submitted to the VTA under the Santa Clara/Alum Rock Bus Rapid Transit Project Preliminary Engineering design agreement. Scope of services includes one (1) new traffic signal to be designed at 34th Street, and modifications to ten (10) existing traffic signals to be designed at 17<sup>th</sup> Street, 24<sup>th</sup> Street, King, McCreery, Sunset, Jose Figueres, Jackson, Foss, NB 680 offramp, and Alexander. Neither minor traffic signal modifications (such as signal retiming, replacing controllers, other non-construction related work), nor traffic signal design at other intersections, are considered part of the scope of services.

Traffic signal plans will be prepared based on the intersection layout requirements specified by the VTA and their General Design Consultant, CH2M Hill, to accommodate

the PROJECT. CITY shall prepare designs in compliance with the requirements of the 1992 City of San Jose Standard Specifications and the 1992 City of San Jose Standard Plan Details, and mutually agreed modifications suitable for the PROJECT.

VTA shall provide drafting format standards for the CITY to conform to when preparing the drawings. VTA templates into which CITY's work product will be incorporated shall be provided to CITY in AutoCAD 2010 compatible format.

Upon execution of this AGREEMENT, CITY shall begin preparing Draft Final Traffic Signal Plans and Specifications (65% complete) ("Draft") to include the following: Preliminary pole and equipment layout adjusted as required based on comments received at the 35% complete stage. For the avoidance of doubt, the basic scope of services under this Exhibit B includes services to prepare revisions which respond to comments which are refining in nature, not programmatic.

CITY will consult with VTA regarding the selection of surveillance, vehicle detection, and transit priority technologies to be included in the project. Technologies will be identified for the following elements of the system: signal controllers, signal interconnect, transit signal priority, transit queue jump detection, pedestrian actuation, audible pedestrian signal and pedestrian crossing countdown visual, video detection cameras, incident detection cameras and emergency vehicle pre-emption.

The Draft will include the types and locations of traffic signal heads, pedestrian signal heads and push buttons, detection loops or cameras, emergency vehicle pre-emption detectors, transit priority system, all mast arm mounted signs, signal interconnect, signal communications, street lighting systems, conduit system, circuits, PG&E service points provided by VTA, conduit/conductor and pole/equipment/foundation schedules and any other equipment required for a fully functional traffic signal system. The Draft for existing signal modifications shall also show removal or relocation of existing signal structures and equipment.

The Draft will be developed in 20 scale, submitted in hard copy (Six (6) half-size plan sets) and electronically in AutoCAD (version 2010) and PDF format. VTA and the CH2M HILL team will review and provide comments on the Draft. CITY will provide technical specifications in current CSI format, estimated quantities and an opinion of probable cost on a level of detail and accuracy appropriate to the Draft 65% Complete Final Design. CITY will also submit a response to comments matrix that clearly documents all comment responses.

#### **TASK 4 Bid Issue Traffic Signal Plans, Specifications and Estimate**

Upon receipt of comments from VTA, CITY will prepare bid-ready traffic signal plans, technical specifications and Engineer's Estimate to be incorporated into the Final Design plan set. Bid-ready traffic signal plans will be developed in 20 scale, and will be submitted in hard copy (Six (6) half-size plan sets) and electronically in AutoCAD (version 2010) and PDF format. Concurrently, the CITY will update the response to comments matrix to include all comment responses. CITY will also provide technical specifications in current CSI format, estimated quantities and an opinion of probable cost on a level of detail and accuracy appropriate to the Final Design. CITY will also submit a response to comments matrix that clearly documents all comment responses.

#### **TASK 5 Draft Final Lighting Design (65% complete) Submittal**

The basis of the 65% complete design shall be the comments received from the 35% design package previously submitted to the VTA under the Santa Clara/Alum Rock Bus Rapid Transit Project Preliminary Engineering design agreement. The scope of services for Lighting Design will be limited to the design of lighting for roadway and sidewalk areas near station locations, intersections with new or modified traffic signals, and areas of planned roadway widening within the PROJECT location. Lighting design at other locations are not considered part of the scope of services.

CITY will use the AGI32 lighting program (Version 2.2 or later) by Lighting Analysts to perform the illumination calculations. The optimizer function shall be used for the lighting design. Direct calculation mode shall be used for preliminary illumination calculation. Illuminance calculations (Average illuminance levels and uniformity) will be provided. Illuminance and uniformity standards will be based on VTA, CITY standards (where applicable) and the Illuminating Engineering Society of North America (IESNA) *American National Standard Practice for Roadway Lighting*, RP-8-00. It is assumed that the average illuminance for each of the corridors will be per VTA and CITY Standards. Illumination Design shall conform to VTA and CITY construction requirements and use only standard stock materials.

Work will include developing all lighting sheets to reflect mutually agreed to types and locations of poles, fixtures, conduit/wiring schedule and breaker/transformer control cabinet and service points along the corridor. All work will be designed to utilize space within existing rights of way (even for service connections) except for BRT stop locations where the right of way modifications have been identified. Draft Final Lighting Design plan sheets will indicate type and locations (station, offset) for roadway and pedestrian luminaires as well as proposed electrical services and power sources. A luminaire and pole schedule will be developed to show luminaire type, pole type, pole height, arm length, and foundation type. Wiring schematic, conduit/wiring schedule and breaker/transformer schedules will be developed.

VTA shall provide drafting format standards, along with sheet borders and numbering scheme for the CITY to conform to when preparing the drawings. VTA templates into which CITY's work product will be incorporated shall be provided to CITY in AutoCAD 2011 compatible format. CITY shall prepare designs in compliance with the requirements of the 1992 City of San Jose Standard Specifications and the 1992 City of San Jose Standard Plan Details, and mutually agreed modifications suitable for the PROJECT. CITY will also provide technical specifications in current CSI format, estimated quantities and an opinion of probable cost on a level of detail and accuracy appropriate to the Draft 65% Complete Final Design. City shall provide to VTA/CH2M Hill PS&E specifics for street lighting items for inclusion into comprehensive VTA/CH2M Hill package. CITY will also submit a response to comments matrix that clearly documents all comment responses. Lighting Plans and Specifications will be developed and submitted in hard copy (six (6) half-size plan sets) and electronically in AutoCAD (version 2010) and PDF format.

#### **TASK 6 Bid Issue Lighting Plans, Specifications and Estimate**

VTA will review and provide comments on the Confirmation Lighting Design Package including input from civil engineering, station architecture and traffic engineering teams.

CITY will prepare Bid Issue Lighting Plans and Specifications that respond to the provided comments and will also submit a response to comments matrix that clearly documents all comment responses. Wiring schematic, conduit/wiring schedule and breaker/transformer schedules will be finalized. Any special warranty submittal or maintenance requirements will also be included in the plans and specifications.

These refinements will be incorporated by the CITY into the Bid Issue Lighting Design Plans and Specifications, which will be submitted in hard copy (six (6) half-size plan sets) and electronically in AutoCAD (version 2010) and PDF format. CITY will also provide Bid Issue quantities and a final cost estimate on a level of detail and accuracy appropriate to the Bid Issue Design; provided, however, that CITY cannot and does not warrant or represent that actual quantities or costs will not vary from the Bid Issue quantities and final cost estimate. CITY will also submit a response to comments matrix that clearly documents all comment responses.

#### **TASK 7 Additional Services**

Upon request by the VTA, the CITY may agree to perform additional design services not within the scope described above, subject to agreement of deliverables, schedules and fees.

**EXHIBIT A-1**

**(to be attached)**

**EXHIBIT B**

**SCHEDULE OF PERFORMANCE**

Work shall commence immediately upon execution of this AGREEMENT. The CITY shall schedule work such that tasks are completed in accordance with the schedule shown below. The schedule shown below is based upon the assumption that the VTA (or applicable consultants, utilities, agencies) has provided to CITY in a timely manner all design development and other project-related documents necessary for CITY to perform the services covered by this AGREEMENT, and VTA provides complete review of and comments to all CITY submittals within fifteen (15) days of receipt thereof.

Task Name	<u>Latest Completion Date</u>
Task 1: Project Management and Coordination	December 31, 2013
Task 2: Site Investigation/Background Gathering	July 31, 2012
Task 3: Draft Final Traffic Signal Design (65%) Submittal	December 31, 2012
Task 4: Bid Issue Traffic Signal Plans, Specifications and Estimate	February 28, 2013
Task 5: Draft Final Lighting Design (65%) Submittal	December 31, 2012
Task 6: Bid Issue Lighting Plans, Specifications and Estimate	February 28, 2013
Task 7: Additional Services	December 31, 2013

The VTA will have the authority to extend any of the above completion dates, provided such modifications are made to CITY in writing.

**EXHIBIT C**  
**COMPENSATION**

**A. Maximum Compensation**

The maximum amount of compensation to be paid to CITY under this AGREEMENT, shall not exceed FIVE HUNDRED EIGHTY THOUSAND DOLLARS (\$580,000.00).

Compensation shall be subject to the following general restrictions: (1) Any hours worked and services rendered for which payment would result in a total exceeding the maximum amount of compensation set forth herein shall be at no cost to the VTA. (2) Once the VTA accepts a particular task as complete, CITY shall not bill any further services against the budget for that task even if unexpended amounts remain in the budget, unless authorized in advance in writing by the VTA.

**B. Budget**

The maximum compensation shall not exceed the indicated amount for the following work items:

<u>Description</u>	<u>Maximum Amount</u>
<b>Services</b>	
Task 1 - Project Management and Coordination	\$40,000
Task 2 - Site Investigation/Background Gathering	\$10,000
Task 3 - Draft Final Traffic Signal Design (65%) Submittal	\$220,000
Task 4 - Bid Issue Traffic Signal Plans, Specifications and Estimate	\$45,000
Task 5 - Draft Final Lighting Design (65%) Submittal	\$120,000
Task 6 - Bid Issue Lighting Plans, Specifications and Estimate	\$45,000
Task 7 - Additional Services	<u>\$100,000</u>
 TOTAL	 \$580,000

The VTA may shift any portion of the amounts set forth above to another item so long as the total does not exceed the maximum amount of compensation to be paid under the AGREEMENT. Any such adjustment must be in writing to be effective.

**C. Invoices**

1. CITY shall, during the term of this AGREEMENT, invoice the VTA for all services performed under this AGREEMENT, subject to the maximum amounts described in Exhibit C, Section B above. Invoices shall be prepared upon delivery to the VTA of each of Tasks 3 through 9 described above. The invoice shall set forth a detailed description of the services performed during the completion of each

deliverable, the amount of hours expended in performing those services, any authorized reimbursable expenses, and the total amount to be paid.

2. Provided the services covered by the invoice have been completed in accordance with the provisions of this AGREEMENT, VTA shall pay the CITY at the amount shown on the invoice within thirty (30) days of the date of the invoice.

**D. Rate of Compensation for Professional Services**

VTA agrees to compensate CITY at the following maximum hourly rates for professional services and Additional Services performed in accordance with the terms and conditions of this AGREEMENT set forth in Exhibit C-1.

**E. Reimbursable Expenses**

No expense incurred by the CITY in performance of the services hereunder shall be reimbursable unless the VTA's Project Manager or written designee has preapproved, in writing, the incurrence of such expenses.

**EXHIBIT C-1**

**CITY OF SAN JOSE**

**HOURLY BILLING RATE SCHEDULE**

<u>Job Category</u>	<u>Hourly Billing Rates (\$/hour)</u>
Division Manager	\$170
Senior Engineer	\$154
Associate Engineer	\$127
Engineer I/II	\$109
Prin. Engr. Technician	\$109
Suprv. Traffic Signal Technician	\$109
Senior Engr. Technician	\$98
Assoc. Engr. Technician	\$89