Agenda Item B.4
CONSENT CALENDAR
Meeting Date: June 17, 2008

TO: Mayor and Councilmembers

FROM: Steve Wagner, Director of Community Services

CONTACT: Rosemarie Gaglione, Senior Project Manager

SUBJECT: Contract Amendments for Consultant Services Agreements for Fiscal Year 2008 -2009

RECOMMENDATION:

Authorize the City Manager to execute the following amendments to Consultant Services Agreements:

A. Amendment No. 3 to COM3 Consulting, Inc. for Project Management Services extending the term of the contract to June 30, 2009 in an amount not to exceed $164,800.

B. Amendment No. 5 to AllianceJB, Inc. for Traffic Engineering Services extending the term of the contract to June 30, 2009 in an amount not to exceed $110,000.

C. Amendment No. 3 to Solid Waste Solutions, Inc. for Project Management Services extending the term of the contract to June 30, 2009 in an amount not to exceed $110,000.

D. Amendment No. 1 contract to Dowling Associates, Inc. for Traffic Modeling Services in an amount not to exceed $60,000, for FY 2008-2009.

E. Amendment No. 1 to Laura M. Bridley, AICP for Land Use Planning Services for Capital Improvement Projects in an amount not to exceed $36,570.

BACKGROUND:

On October 17, 2005, the City awarded consultant agreements to COM3 Consulting, Inc., AllianceJB, Inc. and Solid Waste Solutions, Inc. These agreements were awarded to these contractors after a formal Request for Qualifications/Statement of Qualifications process was completed. The agreements allowed for 3 one-year extensions, and each have expressed their desire to continue to provide services for the City of Goleta for another year.

On June 18, 2007, the City awarded consultant agreements to Dowling Associates, Inc. and Laura M. Bridley, AICP. These agreements were awarded to these contractors based on a formal Request for Qualifications/Statement of Qualifications process. The agreements allow for time extensions upon mutual agreement and each have also expressed their desire to continue to provide services for the City of Goleta for another year.

DISCUSSION:

COM3 Consulting, Inc.: Capital Improvement Project Management Services
COM3 Consulting, Inc. (COM3) will assist City staff in the management of the City's Capital Improvement Program. This will include various stages of work on the Hollister Avenue Redesign, the Cathedral Oaks Interchange, the Los Carneros Overhead Replacement, the San Jose Creek Bike Path, the Ekwill/Fowler Road Extensions, and the San Jose Creek Capacity Improvement projects. COM3's proposal for services is attached to this report.

AllianceJB: Traffic Engineering Services
AllianceJB will provide general traffic engineering services including: project reviews, recommendations and implementation of traffic engineering improvements, including the application of all City and State standards; preparation and review of plans, specifications, cost estimates and contracts for transportation projects; and evaluation of project impacts on City transportation facilities.

Development review and plan checking will be provided, including assessing traffic impacts of proposed projects, coordination with consultants, meeting attendance and development of conditions of approval. AllianceJB will also review traffic aspects of the City's Capital Improvement projects, including review of traffic projects, LOS projections and geometric configurations. AllianceJB's proposal for services is attached to this report.

Solid Waste Solutions, Inc.: Solid Waste and Storm Water Management Services
Solid Waste Solutions (SWS) will assist with a variety of solid waste, storm water and general project management tasks. These tasks include but are not limited to the preparation of Requests for Proposals, resolutions, ordinances, hearing notices, and revisions of existing programs, updating the City's solid waste ordinance, review and preparation of solid waste contracts and franchise agreements; preparation of all documentation to implement new solid waste management programs, and preparation and management of solid waste grants.

SWS will also continue to assist with the implementation of the City's Storm Water Management Plan in accordance with the Clean Water Act. This task includes coordination with the State of California Regional Water Quality Control Board and surrounding local agencies. SWS's proposal for services is attached to this report.

Dowling Associates, Inc.: Traffic Modeling Services
Dowling Associates Inc. (Dowling) will provide on-call traffic demand modeling services including private traffic impact project alternatives analysis, model forecasts,

transportation engineering and planning. Dowling will provide traffic modeling services for projects such as the Ekwill/Fowler Street Extension, the Hollister Avenue Redesign, University of California Santa Barbara Long Range Development Plan and the City of Goleta General Plan updates analysis as required. An annotated portion of Dowling's proposal for services is attached to this report.

Laura M. Bridley, AICP: Land Use Planning Services

Laura M. Bridley, AICP (Laura Bridley) will provide land use planning and processing services on various Capital Improvement projects (CIP) and Public Works projects. Laura Bridley will assist on such projects as the San Jose Creek Capacity Improvement, the Cathedral Oaks Interchange, the Ekwill/Fowler Street Extension, the Los Carneros Overhead Replacement, the Winchester Canyon Culvert, the Ellwood Tree Removal and other projects as needed.

The scope of work will include assistance preparation and processing of environmental documents, acting as a liaison with permitting agencies, attending internal and external meetings, and providing project coordination in her areas of expertise. Laura Bridley's proposal for services is attached to this report.

ALTERNATIVES:

The City Council may elect not to amend any or all of these contracts and require staff to seek statements of qualifications and proposals from additional qualified firms.

GOLETA STRATEGIC PLAN:

The continuation of these consultant services is consistent with the Goal in the Goleta Strategic Plan entitled, "Implement City Wide Capital Improvement Program." Specifically, these services meet the Objectives "Hollister Redesign" and "Capital Improvement Project Management" and moves the City closer towards realizing its vision as defined within the City's Strategic Plan.

FISCAL IMPACTS:

The approved FY 2008-09 Budget includes $150,000 in the General Fund, accounts 101-5-5200-500 ($130,000) and 556 ($20,000) and $75,000 in the amended Solid Waste Fund, account 211-5-5900-500 for professional and contract services. Funding for Deposit Accounts is done on a project by project basis as the funds are received by the applicant(s). CIP Funds are appropriated as required for specific CIP's. The following table summarizes the estimated FY 2008-2009 expenditures for the COM3, AllianceJB, SWS, Dowling, and Laura Bridley.

FY 2008-2009 Funding Source	Com3	Alliance JB	SWS	Dowling	Laura Bridley	Total
General Fund	$15,300	$45,000	$35,000	$30,000	$6,670	$131,970
Deposit Acct. Fund	$0	$50,000	$0	$15,000	$0	$65,000
CIP Fund	$149,500	$15,000	$0	$15,000	$29,900	$209,400
Solid Waste Fund	$0	$0	$75,000	$0	$0	$75,000
Total	**$164,800**	**$110,000**	**$110,000**	**$60,000**	**$36,570**	**$481,370**

Submitted By: Reviewed By: Approved By:

_____	_____	_____
Steve Wagner	Michelle Greene	Daniel Singer
Community Services Director	Admin. Services Director	City Manager

ATTACHMENTS:

1. COM3 Consulting, Inc. – Amendment No. 3
2. AllianceJB, Inc. – Amendment No. 5
3. Solid Waste Solutions, Inc. – Amendment No. 3
4. Dowling Associates, Inc. – Amendment No. 1
5. Laura M. Bridley, AICP – Amendment No. 1
6. COM3 Consulting, Inc. – Proposal
7. AllianceJB, Inc. – Proposal
8. Solid Waste Solutions, Inc. – Proposal
9. Dowling Associates, Inc. – Proposal
10. Laura M. Bridley, AIC.P – Proposal

ATTACHMENT 1

COM3 Consulting, Inc. – Amendment No. 3

AMENDMENT NO. 3
AGREEMENT FOR CONSULTANT SERVICES
BETWEEN
THE CITY OF GOLETA
AND
COM3 CONSULTING, INC.

WHEREAS, An Agreement for Consultant Services ("AGREEMENT"), was entered into the 17th day of June 2008, by and among the City of Goleta, a California municipal corporation ("CITY") and COM3 Consulting, Inc. a California corporation, ("CONSULTANT"); and

WHEREAS, said Agreement provides for modification of the Agreement upon written agreement of both parties;

WHEREAS, Amendment No. 2 was entered on July 1, 2007 and expires on June 30, 2007;

NOW, THEREFORE, In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. The term of the Agreement between CITY and CONSULTANT shall be for the period of July 1, 2008 through June 30, 2009.
2. The scope of services shall be performed as outlined in Exhibit A.
3. The amount of the contract shall not exceed $164,800, as outlined in Exhibit B.

Except as amended by this Amendment No. 3, all other provisions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this AMENDMENT NO. 3 to be executed the day and year first above written.

CITY OF GOLETA

By_____
Daniel Singer, City Manager

CONSULTANT:

By_____
Gerald Comati, President

APPROVED AS TO FORM:

By_____
Julie Hayward Biggs, City Attorney

By_____

ATTACHMENT 2

AlianceJB, Inc. – Amendment No. 5

AMENDMENT NO. 5
AGREEMENT FOR CONSULTANT SERVICES
BETWEEN
THE CITY OF GOLETA
AND
ALLIANCEJB, INC.

WHEREAS, An Agreement for Consultant Services ("AGREEMENT"), was entered into the 17th day of June 2008, by and among the City of Goleta, a California municipal corporation ("CITY") and AllianceJB, Inc. a California corporation, ("CONSULTANT"); and

WHEREAS, said Agreement provides for modification of the Agreement upon written agreement of both parties;

WHEREAS, Amendment No. 4 was entered on July 1, 2007 and expires on June 30, 2008;

NOW, THEREFORE, In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. The term of the Agreement between CITY and CONSULTANT shall be for the period of July 1, 2008 through June 30, 2009.
2. The scope of services shall be performed as outlined in Exhibit A.
3. The amount of the contract shall not exceed $110,000 as outlined in Exhibit B.

Except as amended by this Amendment No. 5, all other provisions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this AMENDMENT NO. 5 to be executed the day and year first above written.

CITY OF GOLETA

By_____
Daniel Singer, City Manager

CONSULTANT:

By_____
Jim Biega, President

APPROVED AS TO FORM:

By_____
Julie Hayward Biggs, City Attorney

By_____

ATTACHMENT 3

Solid Waste Solutions, Inc. – Amendment No. 3

AMENDMENT NO. 3
AGREEMENT FOR CONSULTANT SERVICES
BETWEEN
THE CITY OF GOLETA
AND
SOLID WASTE SOLUTIONS, INC.

WHEREAS, An Agreement for Consultant Services ("AGREEMENT"), was entered into the 17th day of June 2008, by and among the City of Goleta, a California municipal corporation ("CITY") and Solid Waste Solutions, Inc., a California corporation, ("CONSULTANT"); and

WHEREAS, said Agreement provides for modification of the Agreement upon written agreement of both parties;

WHEREAS, Amendment No. 2 was entered on July 1, 2007 and expires on June 30, 2008;

NOW, THEREFORE, In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. The term of the Agreement between CITY and CONSULTANT shall be for the period of July 1, 2008 through June 30, 2009.
2. The scope of services shall be performed as outlined in Exhibit A.
3. The amount of the contract shall not exceed $110,000 as outlined in Exhibit B.

Except as amended by this Amendment No.3, all other provisions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this AMENDMENT NO. 3 to be executed the day and year first above written.

CITY OF GOLETA

By_____
Daniel Singer, City Manager

APPROVED AS TO FORM:

By_____
Julie Hayward Biggs, City Attorney

CONSULTANT:

By_____
Kimberly C. Nilsson, President

By_____
Lars J. Nilsson, Treasurer

ATTACHMENT 4

Doweling Associates, Inc. – Amendment No. 1

AMENDMENT 1
AGREEMENT FOR CONSULTANT SERVICES
BETWEEN
THE CITY OF GOLETA
AND
DOWELING ASSOCIATES, INC.

WHEREAS, An Agreement for Consultant Services ("AGREEMENT"), was entered into the 17th day of June 2008, by and among the City of Goleta, a California municipal corporation ("CITY") and Solid Waste Solutions, Inc., a California corporation, ("CONSULTANT"); and

WHEREAS, said Agreement provides for modification of the Agreement upon written agreement of both parties;

WHEREAS, Agreement was entered on July 1, 2007 and expires on June 30, 2008;

NOW, THEREFORE, In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. The term of the Agreement between CITY and CONSULTANT shall be for the period of July 1, 2008 through June 30, 2009.
2. The scope of services shall be performed as outlined in Exhibit A.
3. The amount of the contract shall not exceed $30,000 as outlined in Exhibit B.

Except as amended by this Amendment No.1, all other provisions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this AMENDMENT NO. 1 to be executed the day and year first above written.

CITY OF GOLETA

By_____
Daniel Singer, City Manager

APPROVED AS TO FORM:

By_____
Julie Hayward Biggs, City Attorney

CONSULTANT:

By_____

ATTACHMENT 5

Laura M. Bridley, AICP – Amendment No. 1

AMENDMENT NO. 1
AGREEMENT FOR CONSULTANT SERVICES
BETWEEN
THE CITY OF GOLETA
AND
LAURA M. BRIDLEY, AICP

WHEREAS, An Agreement for Consultant Services ("AGREEMENT"), was entered into the 17th day of June 2008, by and among the City of Goleta, a California municipal corporation ("CITY") and Larua M. Bridley, AICP ("CONSULTANT"); and

WHEREAS, said Agreement provides for modification of the Agreement upon written agreement of both parties;

WHEREAS, Agreement was entered on June 2, 2007 and expires on June 30, 2008;

NOW, THEREFORE, In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. The term of the Agreement between CITY and CONSULTANT shall be for the period of July 1, 2008 through June 30, 2009.
2. The scope of services shall be performed as outlined in Exhibit A.
3. The amount of the contract shall not exceed $36,570 as outlined in Exhibit B.

Except as amended by this Amendment No.1, all other provisions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this AMENDMENT NO. 1 to be executed the day and year first above written.

CITY OF GOLETA

By_____
Daniel Singer, City Manager

APPROVED AS TO FORM:

By_____
Julie Hayward Biggs, City Attorney

CONSULTANT:

By_____

ATTACHMENT 6

Com3 Consulting, Inc. – Proposal

com3 consulting

206 East Victoria Street
Santa Barbara, CA 93101
t:805 962-0488
f:805 962-5209
e:Gerald@com3consulting.com

May 15, 2008

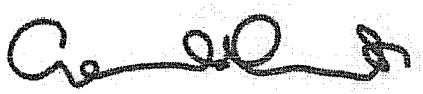
Ms. Rosemarie Gaglione
Senior Project Manager
City of Goleta
130 Cremona Drive, Suite B
Goleta, CA 93117

Subject: Program/Project Management Services Proposal for Fiscal Year 2008/2009

Dear Rosemarie,

Attached please find COM3 Consulting's scope and cost proposal for program/project management services for the City of Goleta's capital projects for Fiscal Year 08/09. It has been an honor and pleasure to work with you and your staff this last year and hope that COM3 can continue its relationship with the city in fiscal year 2008/2009. Please let me know if you need any other information or have any questions.

Sincerely,



GERALD COMATI, P.E.
President, COM3 Consulting Inc.

d. Project Specific Project Management:

Serve as project management lead for the following projects:

- Los Carneros Road Overhead Bridge Replacement Project
- Ekwill/Fowler Extension Project

Services include:

a. Provide continuous interface with City staff regarding projects.
b. Attend Project meetings and prepare meeting agendas and action items.
c. Follow up to ensure action items are complied with.
d. Manage engineering consultants.
e. Coordinate with other agencies including Caltrans, SBCAG, County and UPRR.
f. Prepare project status reports for projects as required.
g. Prepare, review and comment on any cooperative agreements necessary for projects.
h. Prepare project correspondence for City as required.
i. Provide technical review and comment on consultant deliverables.
j. Development/maintenance of project schedules.
k. Track and monitor project costs.
l. Track and monitor all funding.
m. Coordinate with Caltrans on HBP funding and prepare HBP funding documentation as required.
n. Assist City Staff in preparation of grant funding claims.
o. Provide funding analysis.
p. Assist is securing additional funding for project, as necessary.
q. Assist City staff in development of RFP's for professional services, as required to continue project progress.
r. Attend public hearings.
s. Meet with private property owners as required.

e. San Jose Creek Capacity Improvement Project - Construction:

Assist City in specific construction related task as required, for the following projects:

- San Jose Creek Capacity Improvement Project
- Cathedral Oaks Interchange Project

Services may include:

a. Assist City in review of Proposals and selection of CM firm.
b. Assist City as required to develop General Construction Provisions (Boiler Plate) for the San Jose Creek Capacity Improvement Project.
c. Assist City as required, in construction oversight for project. Possible services to include:
    - Coordination with Resident Engineer.
    - Attendance at weekly construction meetings.
    - Construction schedule review.
    - Review of CCO's.
    - Construction budget tracking.
    - Technical issue analysis and resolution.
    - Assistance with community outreach.

com3 consulting

COM3 Consulting - Cost Proposal for FY 0809

CIP Projects	Estimated Labor Budget	Estimated Expenses	Total Budget	Fund Source
CIP/General	$15,000	$300	$15,300	General Fund/Various
GTIP	$12,000	$0	$12,000	GTIP
Hollister Ave Redesign	$15,000	$100	$15,100	RDA/GTIP
Cathedral Oaks I/C	$15,000	$100	$15,100	HBP
Los Carneros	$30,000	$200	$30,200	HBP
SJ Ck Bike - South Bike	$12,000	$200	$12,200	TCSP
SJ Ck Bike - Middle Section	$12,000	$200	$12,200	RSTP
Ekwill/Fowler	$30,000	$200	$30,200	GTIP
San Jose Creek Capacity	$22,500	$0	$22,500	RDA
S/T	$163,500	$1,300	$164,800	

COM3 Consulting - Billing Rates

Name			$/Hr	Title
Gerald Comati			150	President
Various			45	Administrative Support

5/15/2008

ATTACHMENT 7

AlianceJB, Inc. – Proposal

EXHIBIT "A"
SCOPE OF SERVICES

Traffic Engineering -- Pursuant to the authority of Government Code Section 36505, AllianceJB shall be the appointed City Traffic Engineer for the City. Acting as a City Official, it is estimated that AllianceJB will perform the Traffic Engineering Services related to the following categories of services (with estimated FY 08-09 budgets shown):

General Traffic Engineering -- In the capacity of City Traffic Engineer, AllianceJB will advise, and assist City's departments, Planning Agency, and City Council, and provide interface with regional and State transportation agencies. When requested, AllianceJB will prepare engineering reports and warrant studies in response to requests for traffic control device installations and modifications, such as stop signs, crosswalks, traffic channelization, speed-zones, etc. AllianceJB will also prepare grant applications for funding from Federal, State, and regional agencies for traffic safety studies and improvements; and will provide technical advice to City's staff in connection with the maintenance and operation of the City's traffic signal facilities. General traffic engineering will also include investigation of parking restrictions, responding to citizens' inquiries, and preparation of suggested route to school studies, school crossing guard studies, a Neighborhood Traffic Management Program, etc. ($45,000)

Development Review and Plan Checking -- When requested, AllianceJB will assess the potential traffic impact of proposed development/redevelopment projects. This will include coordination with consultants preparing traffic impact studies for developments within the City, attendance at meetings as requested, and development of conditions of approval for projects requesting approval by the City Council. ($50,000)

Capital Projects – AllianceJB will review traffic aspects of all City Capital Improvement Projects, which currently include the Ekwill/Fowler Project, San Jose Creek Bike Path, Hollister Avenue redesign Project, Los Carneros Bridge Widening Project, and the Cathedral Oaks Interchange Project. Traffic review will include review of traffic projections, LOS projections, and geometric configurations. ($15,000)

The individual designee of AllianceJB who shall be initially appointed as City Traffic Engineer shall be James A. Biega P.E., T.E., P.T.O.E.

EXHIBIT "B"
COMPENSATION

The method of compensation for services to be provided is as follows:

Traffic Engineering - For all regular Traffic Engineering Services, including AllianceJB providing review of the standard municipal traffic issues and making recommendations of further action which do not require a study, design, or report, the compensation will be in accordance with the AllianceJB effective Traffic Engineering Services Schedule of Hourly Rates. Services requiring general studies and/or reports, such as data collection and field inventories, traffic counts, speed measurement, and development impacts will also be on a time-and-materials basis in accordance with the AllianceJB effective Traffic Engineering Services Schedule of Hourly Rates.

Additional Services - Additional services for special projects of above-average complexity, as separately authorized by the City Manager and requiring a separate written proposal, will generally be performed on a time and materials basis in accordance with the AllianceJB effective Standard Schedule of Hourly Rates, within a mutually established budgeted amount; or will be performed in accordance with a negotiated lump-sum amount as mutually agreed.

Compensation for services contained in Exhibit A will be provided at the AllianceJB effective Traffic Engineering Services Schedule of Hourly Rates.

AllianceJB
Traffic Engineering Services
Schedule of Hourly Rates
(Effective FY 2008-09):

President/Traffic Engineer	$120.00
Project Manager	$112.00
Senior Engineer	$104.00
Associate Engineer	$96.00
Designer	$88.00
Drafter	$76.00
Technical Aide	$60.00
Word Processing	$48.00

Subconsultant Services (such as Traffic Counts, Traffic Modeling, etc.) will be billed with a 10 percent markup.

Additional hourly rates may be added for various types of services, as authorized by the City Manager, and as agreed by AllianceJB.

ATTACHMENT 8

Solid Waste Solutions, Inc. – Proposal

Solid Waste Solutions, Inc.

May 7, 2008

Steve Wagner, Community Services Director
City of Goleta
130 Cremona Drive, Suite B
Goleta, CA 93117

Subject: Solid Waste and Project Management Services Proposal for FY 2008/2009

Dear Steve,

Attached please find the scope of work and costs associated with your request for Solid Waste Solutions, Inc. (SWS) to continue to provide Solid Waste and Project Management services to the City of Goleta. As requested, we have expanded the scope to include the Stormwater Management Services associated with the City's approved Stormwater Management Plan.

We would like to thank you in advance for your continued confidence in our firm. It is our goal to provide professional cost effective service to our clients.

Sincerely,

Kimberly C. Nilsson
Vice President

Lars J. Nilsson
Treasurer

Attachments

S.W.S. Inc., - City Permit Services, 25 W. Rolling Oaks Dr., Suite 201, 1000 Oaks, CA 91361
Phone: (805) 495-7521 Fax: (805) 495-7621

Solid Waste Solutions, Inc.

Exhibit A: Scope of Services

Item 1: <u>Solid Waste & Stormwater Services</u>: SWS will provide on call Solid Waste and Stormwater Management Services to the City of Goleta. Services shall include, but not be limited to the following:

- Updating & implementing the City's solid waste policies.
- Review, prepare, maintain the solid waste contract documents and franchise agreements, as needed.
- Develop and implement new solid waste programs.
- Review California Integrated Waste Management Board Block Grant Funding and Expenditures of grants received.
- Review the Department of Conservation-Division of Recycling, Annual Beverage Container Recycling funds received and associated expenditures.
- Review any other grants the City may want to apply for.
- Participation in local/regional meetings.
- Management and tracking of Residential/Commercial franchise fees and Industrial Roll-off & Rent-A-Bin franchise fees.
- Track and assist in expending grant funding as detailed above.
- Assist in establishing a public education program for the local school district's elementary schools.
- Establish required logs to monitor programs as defined by the City's Stormwater Management Plan.
- Monitor city calls regarding illicit discharges. Take required actions through the cleanup phase. Log all activities.
- Develop standard violation letters for Stormwater issues.
- If required, perform site visits to all businesses.
- Assist in the Stormwater education program.

Item 2: **<u>Project Management Services:</u>** SWS will continue to assist the Community Services Director and Principal Engineer with a variety of Project Management services:

- Preparation of requests for proposals, resolutions, ordinances, hearing notices, film permits.
- Preparation or review of project specifications for the City's street improvement and reinvestment program
- Provide a liaison for the Community Services Department with the Regional Water Quality Control Board (RWQQCB) in the Processing of the Storm Water Management Plan.
- Assist staff as needed in the implementation of the Storm Water Management Plan, once approved by the RWQCB.
- Other projects as assigned.

S.W.S. Inc., - City Permit Services, 25 W. Rolling Oaks Dr., Suite 201, 1000 Oaks, CA 91361
Phone: (805) 495-7521 Fax: (805) 495-7621

Solid Waste Solutions, Inc.

These items can be budgeted as follows.

Item #	Total
Item 1	$ 75,000.00
Item 2	$ 35,000.00
Total 08/09	$110,000.00

S.W.S. Inc., - City Permit Services, 25 W. Rolling Oaks Dr., Suite 201, 1000 Oaks, CA 91361
Phone: (805) 495-7521 Fax: (805) 495-7621

Solid Waste Solutions, Inc.

Exhibit B: Compensation

Contract Compensation as defined in Exhibit A: Scope of Work shall be billed at the billing rates listed below.

Solid Waste Solutions, Inc. Standard Billing Rates for FY 2008-2009

	Billing Rates
Clerical:	$ 47.50/hour
Recycling Coordinator & Permit Processor:	$ 63.00/hour
Project Coordinator:	$ 79.00/hour
Project Management:	$100.00/hour
Computer Programming:	$130.00/hour
Principal:	$150.00/hour
Mileage Reimbursement:	$ 0.485/mile

S.W.S. Inc., - City Permit Services, 25 W. Rolling Oaks Dr., Suite 201, 1000 Oaks, CA 91361
Phone: (805) 495-7521 Fax: (805) 495-7621

ATTACHMENT 9

Doweling Associates, Inc. – Proposal

Proposal for:

On-Call
Traffic Modeling Support 2007-2008

Prepared for:
City of Goleta

Submitted by:

Dowling Associates, Inc.
Transportation Engineering • Planning • Research • Education

www.dowlinginc.com
Contact: Jim Damkowitch
Phone: (916) 266-2190 ext. 304
e-mail: jdamko@dowlinginc.com

April 17, 2007

Table of Contents

I. Introduction

Since August 2005, Dowling Associates has been performing traffic demand modeling for the City of Goleta using the VISUM Goleta Traffic Model developed by PTV America. The projects that the City has procured modeling services from Dowling Associates include: Ekwill/Fowler Extension Project, Hollister Redesign Project, Cabrillo Business Park Development Traffic Impact Study, Los Carneros Village Traffic Analysis, the City of Goleta General Plan 2030 Forecast Report and EIR Traffic Circulation analysis and supplementary modeling tasks on an as-needed basis. Dowling Associates has provided the City Goleta traffic on-call traffic modeling services for this past year. Dowling Associates, Inc. is uniquely poised to deliver additional travel demand and traffic operations modeling products for the 2007-08 time frame in an expedited fashion as needed by the City of Goleta. This continuity of staff resources, knowledge base and effort provides greater opportunity for an expedited schedule of deliverables when modeling service and products are requested by the City.

II. Firm History and Office Locations

Firm History

Dowling Associates is a traffic engineering and transportation planning consulting firm based in Oakland, California with offices in the Central Valley and Sacramento. Founded in 1986, we currently employ over 25 full-time professional and support staff. Our professional services have ranged from low budget, critical time-frame projects to complex multiyear projects with numerous subconsultants, milestones, and fees in excess of a million dollars. Our clients include the Federal Highway Administration, the National Academy of Sciences, Caltrans, Florida DOT, the University of California, plus numerous cities, counties, and metropolitan planning organizations.

Dowling Associates takes pride in leading with the most advanced techniques and technology in transportation engineering and planning. Our principals are actively involved in the Transportation Research Board and the Institute of Transportation Engineers. Six of the staff are certified civil engineers, five are certified traffic engineers and four are AICP certified planners.

Office Locations

Dowling Associates, Inc. currently staffs two offices.

Dowling Associates Offices
www.dowlinginc.com

SF Bay Area	Sacramento
180 Grand Avenue, Suit 250	428 J Street, Suite 500
Oakland, CA 94612	Sacramento, CA 95814
(510) 839-1742 phone/(510) 830-0871 fax	(916) 266-2190 phone/(916) 266-2195 fax

Each office is completely equipped office with personal computers, servers, and network with high-speed internet access and professional office productivity and database software. We have trained staff and licenses for the latest software products for traffic signal timing and operations analysis (SYNCHRO, TRANSYT-7F, PASSER II/II/IV, FREQ, TRAFFIX™, HCS) and traffic microsimulation (CORSIM, VISSIM, PARAMICS, SimTraffic), and travel demand modeling (VISUM, TransCAD, TP+/Cube, EMME2, as well as legacy software such as TRANPLAN and MINUTP). All work performed as part of this contract will be based out of our Sacramento office.

III. Relevant Project Experience

Dowling Associates has had extensive experience working with many public agencies throughout California – including the City of Goleta. As stated in the introduction, Dowling Associates has been performing traffic demand modeling services for the City of Goleta using the VISUM Goleta Traffic Model since August 2005. Dowling Associates has formally partnered with PTV America to integrate Dowling's TRAFFIX software within PTV's VISUM travel demand modeling software. This relationship between Dowling Associates and PTV America further benefits the City of Goleta given that PTV America developed the Goleta Travel Model (2002-2005) allowing for even greater continuity of resources. Dowling Associates actively pursues on-call services and has provided on-call transportation demand modeling and/or traffic engineering services for a dozen public agencies:

City of Goleta	City of Sacramento	City of Pleasanton
City of Livermore	City of Oakland	City of San Pablo
City of Richmond	San Joaquin County	City of West Sacramento
Stanislaus COG	Kings County COG	Assoc. of Monterey Bay Area Gov.

Dowling Associates specializes in travel demand modeling in the State of California using any one of several travel demand modeling software packages. We have multiple licenses for VISUM, TransCAD, Cube/TP+, Emme2 (as well as older software such as Tranplan and Minutp). We have staff experienced in all of these software packages.

TRAFFIX/VISUM Model Interface

Dowling Associates developed a version of its commercial traffic impact analysis software, TRAFFIX™, for incorporation within the VISUM travel demand model software package. Dowling worked with PTV, the developers of the VISUM/VISSIM suite to ensure proper operation of the interface between the two software packages. The combination of TRAFFIX™ and VISUM enables travel demand modelers to predict intersection level of service according to the Highway Capacity Manual methodology as part of any VISUM demand model run. The combined package has been available the public for a little less than a year and is used by an increasing number of agencies and consultants around the world. Dowling Associate staff continue to be members and participate in the VISUM Model Users Group which meets on a periodic basis to review model developments and applications.

City of Goleta, 2006 On-Call Modeling Support

As part of its current on-call contract with the City of Goleta, Dowling Associates performed traffic forecasts and traffic operations analysis to examine the traffic impacts of the La Patera and Ellwood Freeway Crossing projects both together and separately relative to 2030 buildout conditions. Using the integrated TRAFFIX engine within the City's VISUM travel demand model software, Dowling Associates performed level of service analyses for up to 65 intersections for each freeway crossing analysis. Dowling Associates also provided modeling information for several other planning efforts as part of this on-call (e.g., Santa Barbara Airport Traffic Analysis, Citrix, Costco Gas Station, UCSB Long Range Development Plan).

City of Goleta, General Plan Circulation Element Forecasts

Dowling Associates performed traffic forecasts for over ten future alternatives examined as part of the City of Goleta's General Plan. These future alternatives were developed matching various capital improvement projects relative to four+ General Plan land use scenarios. For each of these alternative analyses, future operations for over 65 intersections were also analyzed. Using the integrated TRAFFIX engine within the City's VISUM travel demand model software, Dowling Associates performed level of service analyses. Dowling Associates prepared the General Plan Circulation Forecast Report and attended City Council meetings to present and discuss draft and final work products of the project.

City of Goleta – Ekwill-Fowler & Hollister Redesign Project Traffic Analysis

Under contract with RBF Consulting (via City of Goleta), Dowling Associates performed traffic forecasts for the Ekwill-Fowler Extension and Hollister Redesign projects. This entailed network coding of the improvements, generation of present and future year forecasts with and without the improvements and analysis of operations for 15-25 intersections. Four future alternatives were developed for the Ekwill-Fowler Extension analysis while a total of 12 alternatives were modeled for the Hollister Redesign analysis. Network plots were generated comparing the with-and-without project scenarios for each improvement alternative. Using the integrated TRAFFIX engine within the City's VISUM model software, Dowling Associates performed level of service analyses for 15-25 study area intersections for each respective improvement alternative. Results were incorporated into the project PSR and EIR documents by RBF Consulting. Modeling work for the Hollister Redesign analysis entailed an alternative screening analysis to winnow the number of alternatives to a reasonable number for environmental review. Preparation of the more detailed traffic analysis of the 2-3 most viable alternatives is on-going.

City of Goleta – Cabrillo Business Park & Los Carneros Village Traffic Analysis

Under contract with the City of Goleta, Dowling Associates performed traffic forecasts for two high profile land use development projects: the Cabrillo Business Park Project (completed) and the Los Carneros Village Project (pending). This entailed modifying the City's VISUM Travel Demand Model's land use files and coding several model network changes reflecting new project access to existing roadways and new roadway improvements being considered as potential project mitigation. Future year forecasts with and without the Cabrillo Business Project and future roadway improvements were generated and analysis of operations for 15-25 study area intersections. Network plots were generated comparing the with-and-without project scenarios for each improvement alternative. Using the integrated TRAFFIX engine within the City's VISUM model software, Dowling Associates performed level of service analyses for 15-25 study area intersections for each respective improvement alternative.

IV. Project Organization & Responsibilities

Our proposed project team organization is shown in the figure below.

Dr. Richard Dowling P.E. will act as Principal-In-Charge, ensuring the delivery of high quality services/products on all projects undertaken by the firm. Rick will ensure that the needed firm resources are committed to the project to ensure timely delivery of all products. Dowling Associates actively incorporates a Quality Assurance Program into its projects.

Mr. Jim Damkowitch will function as project manager for this project. Mr. Damkowitch will be managing from the Sacramento office. He will be responsible for project oversight, allocating staff resources, monitoring timely performance and quality assurance. As a member of the Dowling Associates team, Mr. Damkowitch served as the project manager for all prior City of Goleta/Dowling Associates modeling contracts. He has also served as project manager for other high profile traffic studies including the SR-88 Bypass PSR Traffic Study and the Atwater-Merced Expressway Project Report/EIR.

Prior to joining Dowling Associates in June 2005, Mr. Damkowitch garnered over 13 years of planning experience (1992-2005) in Santa Barbara County. As a staff member for the Santa Barbara County Association of Governments, Mr. Damkowitch administered the county's Congestion Management Program (CMP). He is familiar with the transportation planning process and staffs of the City of Goleta, Caltrans District 5, SBCAG, the Air Pollution Control District, the County of Santa Barbara as well as the other incorporated cities of Santa Barbara County. He served as project manager and PDT member for several CMP deficiency plans/projects as well as provided on-going assistance to the City and other local agency staff to meet its statutory obligations of the CMP. Mr. Damkowitch is familiar with past modeling work performed for the Goleta area (by the City of Goleta and the County prior to Goleta incorporation). Mr. Damkowitch is intimately familiar with the Goleta area (i.e., VISUM modeling domain) and is knowledgeable of the model network and future infrastructure improvement projects currently programmed/planned in the City. His participation in the development and application of the SBCAG TransCAD travel demand model – of which a sub-area includes the City of Goleta – provides additional insight and knowledge of the traffic circulation and modeling issues facing the City of Goleta.

Mr. Jim Damkowitch and Mr. Frank Cia will serve as primary VISUM model operators on this project. They will be responsible for coding the network changes, executing the model runs, and tabulating the results.

Robert Schull, P.E., and Kean Lew, P.E., of PTV-America will provide technical guidance on the specific implementation of the Goleta Model within the VISUM software package.

The experience and qualifications of these people are summarized in the table below. Full resumes are provided in the appendix.

Figure 1. Summary of Team Experience

Jim Damkowitch, **Project Manager**	Mr. Jim Damkowitch has over 15 years of experience in macro/micro scale traffic and operational analyses, macro/micro transportation and air quality modeling, and ITS applications – 13 years of which were served in Santa Barbara County as a member of the Santa Barbara County Association of Governments (SBCAG). Mr. Damkowitch served as the project manager for all prior City of Goleta/Dowling Associates modeling contracts. Prior to joining Dowling Associates, Mr. Damkowitch served program/project manager for Santa Barbara County Congestion Management Program, regional plan/program transportation-air quality conformity determinations, on-road mobile source emission inventory development; and, for many special studies, e.g., programmatic traffic and air quality analyses under CEQA/NEPA, development of state mandated CMP deficiency plans and biennial updates; commercial truck studies. He has served on state and regional planning committees on transportation-air quality conformity and intelligent transportation systems respectively.
Richard Dowling, Ph.D., P.E. **Principal-In-Charge**	Dr. Richard G. Dowling, P.E. is a licensed Civil and Traffic Engineer in the State of California. He has over 25 years of experience in transportation planning, traffic engineering operations, research and education as a municipal employee and as a consultant. Dr. Dowling was extensively involved in the development of the 1994, 1997 and Year 2000 Highway Capacity Manuals. He is currently chairman of the Transportation Research Board committee on Highway Capacity and Quality of Service. Dr. Dowling was an advisor on the Caltrans Travel Demand Modeling Guide and the National Association of Regional Modelers Best Practices. He was principal investigator for NCHRP 25-21 to develop improved travel demand modeling processes for air quality analysis of highway projects.
Frank Cia, **Transportation Modeling,**	Mr. Cia is experienced in transportation modeling and simulation, accident analysis, parking and trip generation studies and he is very skilled at extracting large amounts of data for information and performing statistical analysis. He is also experienced with EMME2, TP+, ArcView GIS, Synchro, Traffix and MS MapPoint. Mr. Cai has his MS in Operations Research and Industrial Engineering as well as his BS in Industrial Engineering and Operations Research. Additionally, he published and presented a paper titled Ways of Providing ITE Trip Generation Rates in a Macro Model at the 2005 ITE District 6 Annual Conference in Kalispell, Montana.
PTV America – On-call Technical Assistance	
Robert Schull, P.E., **Vice President &** **Kean Lew, P.E.**	PTV is the leader in applying the VISUM travel demand software. To date, PTV has built more than 25 VISUM, 500 VISSIM models and trained more than 600 transportation professionals in the application of VISUM, VISSIM and TMODEL. PTV developed the VISUM City of Goleta model. PTV staff familiar with the Goleta Model development project will provide on-call technical assistance for this project to help ensure that if modeling problems occur – they can be remedied quickly.

V. Statement of Commitment

Dowling Associates has the depth of modeling staff to ensure completion of the project model runs within the scheduled time. We have added PTV-America to our team to expedite problems with the VISUM software should they arise.

We will meet with City of Goleta staff at the start to identify the "minimum necessary model outputs" required for each project. We will identify the minimum required number of alternatives to be tested and the minimum of time periods (AM/PM etc.) and forecast years for which the model forecasts are required. This will ensure that the consultant team works on only the required model runs within the time period for delivery of the model runs.

Dowling Associates, Inc. has a server license for VISUM enabling us to work in parallel, running several (6 seats) VISUM model analyses at the same time on multiple computers with multiple operators.

Jim Damkowitch will identify opportunities for parallel tracking of the project analyses. The projects will be split up between the two operators and they will perform the model runs in parallel.

VI. Standard Rate Schedule

Dowling Associates has established the following billing rates for our professional consulting services, **Effective January 2007.**

Classification	Hourly Rate
President	$350
Principal	$190-$220
Principal Associate	$165-$170
Research Engineer	$218
Senior Engineer/Planner	$117-$160
Associate Engineer/Planner	$104-$115
Accounting	$137-$171
Graphic Artist	$65-$88
Executive Assistant	$79-$82

Direct Expenses

The above rates include standard overhead items. The rates in the table below apply to non-standard items. Personal auto is billed at current IRS rates. All outside services and expenses are billed at cost, plus administrative cost of fifteen percent.

Item	Rate
Personal Auto Use	Current IRS Rate
Commercial Air and other Travel Expenses	Actual Cost
Delivery	Actual Cost
Teleconferences, Long Distance Phone	Actual Cost
Outside Printing and Binding	Actual Cost
Paramics, Vissim/Visum, Emme2, TP+/Viper, Transcad Software Keys	$11 per hour
PDA's (Personal Digital Assistants)	$2 per day
Plotter maps and charts	$6 per square foot

Invoices are due and payable within thirty days. Rates are subject to revision January 2008.

2007-2008 GOLETA ON-CALL TRAFFIC MODELING BUDGET*

DOWLING ASSOCIATES

Estimate of Person Hours and Costs

Task	Description	DOWLING ASSOCIATES								Direct Expese	TOTAL COST
	Direct Rate	Rick Dowling $350.00		Jim Damkowitch $170.00		Frank Cai $115.00		Graphics Tech $77.00			
		Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost		
Task 1	**Deposit Account**										
	Network Coding and Model Runs		$0	20	$3,400	10	$1,150		$0		**$4,550**
	Volume-Difference Plots, Select Zone/ Link, Turning Movement Plots		$0	15	$2,550		$0		$0		**$2,550**
	Turning Movement Adjustments		$0	20	$3,400		$0	10	$770		**$4,170**
	TRAFFIX Intersection LOS Analysis		$0	25	$4,250	8	$920	20	$1,540		**$6,710**
	Documentation	5	$1,750	30	$5,100		$0		$0		**$6,850**
	Sub-Total	***5***	***$1,750***	***110***	***$18,700***	***18***	***$2,070***	***30***	***$2,310***	***$0***	***$24,830***
Task 2	**Capital Improvement Projects**										
	Network Coding and Model Runs		$0	20	$3,400	10	$1,150		$0		**$4,550**
	Volume-Difference Plots, Select Zone/ Link, Turning Movement Plots		$0	15	$2,550		$0		$0		**$2,550**
	Turning Movement Adjustments		$0	20	$3,400		$0	10	$770		**$4,170**
	TRAFFIX Intersection LOS Analysis		$0	25	$4,250	8	$920	20	$1,540		**$6,710**
	Documentation	5	$1,750	30	$5,100		$0		$0		**$6,850**
	Sub-Total	***5***	***$1,750***	***110***	***$18,700***	***18***	***$2,070***	***30***	***$2,310***	***$0***	***$24,830***
Task 3	**General Fund**										
	Network Coding and Model Runs		$0	10	$1,700	2	$230		$0		**$1,930**
	Volume-Difference Plots, Select Zone/ Link, Turning Movement Plots		$0	6	$1,020				$0		**$1,020**
	Turning Movement Adjustments		$0	8	$1,360		$0	5	$385		**$1,745**
	TRAFFIX Intersection LOS Analysis		$0	8	$1,360	2	$230	8	$616		**$2,206**
	Documentation	5	$1,750	8	$1,360		$0		$0		**$3,110**
	Sub-Total	***5***	***$1,750***	***40***	***$6,800***	***4***	***$460***	***13***	***$1,001***	***$0***	***$10,011***
	Other Direct Expenses										
	Phone									$300	**$300**
	Reproduction Costs		$0		$0		$0		$0	$25	**$25**
	Sub-Total	***0***	***$0***	***0***	***$0***	***0***	***$0***	***0***	***$0***	***$325***	***$325***
	Total Hours/Direct Cost	**15**	**$5,250**	**260**	**$44,200**	**40**	**$4,600**	**73**	**$5,621**	**$325**	**$59,996**

* Budget is based on the assumption of 5 development proposals being processed per year between May 1, 2007 and December 31, 2008.

VII. Résumés of Key Staff

This section provides the full resumes of the key personnel on the consultant team in the following order: Jim Damkowitch, Richard Dowling and Mr. Frank Cai. This list also includes Robert Schull and Kean Lew from PTV America.

Jim Damkowitch

Principal Associate

Mr. Jim Damkowitch has over 15 years of experience in macro/micro scale traffic and operational analyses, macro/micro transportation and air quality modeling, and ITS applications. Mr. Damkowitch served as the project manager for all prior City of Goleta/Dowling Associates VISUM modeling contracts e.g., General Plan Traffic Forecasts, Ekwill/Fowler and Hollister Redesign Project, Cabrillo Business Park Traffic Impact Study. Prior to joining Dowling Associates, Mr. Damkowitch served as program/project manager for the Santa Barbara County Congestion Management Program; regional plan/program transportation-air quality conformity determinations; on-road mobile source emission inventory development; and, for many special studies, e.g., programmatic traffic and air quality analyses under CEQA/NEPA, development of state mandated CMP deficiency plans and biennial updates and commercial truck studies. He has served on state and regional planning committees on transportation-air quality conformity and intelligent transportation systems respectively.

Professional Experience

Principal Associate, Dowling Associates

Mr. Damkowitch served as the project manager for all prior City of Goleta/Dowling Associates modeling contracts including the Ekwill/Fowler Project, Hollister Redesign Project, Cabrillo Business Park, and the 2030 Forecast Report for the General Plan. He has also served as project manager for other high profile traffic studies including the SR-88 Bypass PSR Traffic Study and the Atwater-Merced Expressway Project Report/EIR.

Transportation Planner II. Santa Barbara County Association Governments (MPO,RTPA,CMA)

Responsible for macro/micro scale traffic analyses related to Santa Barbara County's Congestion Management Program and Regional Transportation Plan. Responsible for transportation program and plan air quality conformity determinations and project evaluations as part of federal CMAQ and sate vehicle registration fee programs. Provided on-going technical support to the APCD under an MOU between SBCAG and the APCD. Generated on-road mobile source emission inventories and forecasts and performed transportation control measure analyses for five air quality plan (SIP) updates. Participant in the South Central Coast ITS Strategic Deployment Plan development and related ITS applications. Prepared technical reports and performed public presentations at transportation technical advisory committee meetings, SBCAG governing board meetings, and APCD community advisory committee meetings.

Transportation Consultant

Performed travel demand forecasts required to update the Integrated Regional Transportation Plan - Air Quality Plan for the Lake Tahoe Region. Provided on-going project analysis and transportation and air quality analysis training and assistance to TRPA staff as needed.

Associate Transportation/Air Quality Planner

Performed macro/micro transportation and air quality modeling as part of the Integrated RTP-AQP for the Lake Tahoe Region. Administered the TRPA visibility monitoring program including maintaining particulate monitoring stations, visibility monitoring stations and data processing and reporting. Responsible for writing reports and making public presentations at technical advisory committee meetings and governing board meetings.

Additional Experience

Roadway capacity and level-of-service analyses; state Congestion Management Program planning mandates; travel demand forecasting; on-road emission inventory development; project evaluation and analysis; and, intelligent transportation system (ITS) applications.

Education

M.A. 1990, Geography, University of California at Santa Barbara

B.A. 1985, Geography, University of California at Santa Barbara (With Honors)

Employment History

06/05 - present	*Principal Associate*, Dowling Associates, Inc.,
1992 - 2005	*Transportation Planner II*, Santa Barbara County Association of Governments (MPO,RTPA, CMA)
1995 - 1997	*Transportation Consultant*, Lake Tahoe Region
1990 - 1992	*Associate Transportation/Air Quality Planner*. Tahoe Regional Planning Agency (RTPA, Lead Agency for Air Quality Planning in the bi-state planning region of Lake Tahoe.

Computer Skills

DOS, Windows, and UNIX Operating Systems; Fortran Programming Language; VISUM, TP+ Viper, TRANPLAN and TRANSCAD transportation modeling software; EMFAC/BURDEN and CALINE emissions models; IDAS; HCM/HCS 2000; TRAFFIX; SYNCHRO; and, all Microsoft Office programs.

Richard G. Dowling, Ph.D., P.E.

Principal IV

Dr. Richard G. Dowling, P.E. is a licensed Civil and Traffic Engineer. He is currently the Chairman of the Transportation Research Board Committee on Highway Capacity and Quality of Service. He obtained his Ph.D. in Transportation Engineering from the University of California at Berkeley. He has over 20 years of experience in transportation planning, traffic engineering operations, research and education as a municipal employee and as a consultant.

Professional Registration

Civil Engineer - California - 1979 - No. 30371

Traffic Engineer - California - 1985 - No. TR001402

Professional Affiliations

Institute of Transportation Engineers

Transportation Research Board

Professional Experience

Highway Capacity Analysis

Dr. Dowling was extensively involved in the development of the 1994, 1997, and Year 2000 Highway Capacity Manuals. He is currently Chairman of the TRB committee on Highway Capacity and Quality of Service. He developed the TRAFFIX traffic impact analysis software to aid analysts in the application of the Highway Capacity Manual to traffic impact analyses. He was a panel member for NCHRP 3-64, HCM Applications Guide.

Traffic Microsimulation

Dr. Dowling developed and wrote the Federal Highway Administration Microsimulation Guide. He developed and wrote a guidebook for Caltrans on the application of Paramics for traffic analysis. Dr. Dowling led the development of a freeway and city street subarea microsimulation model using Paramics for the City of Pleasanton. He was responsible for quality assurance and peer review of the CORSIM microsimulation model for several miles of two crossing freeways for the I-880/92 interchange study. He led the development and validation of Synchro/SimTraffic models for a project impact analysis in Contra Costa County. He is a simulation model trainer for Caltrans on the Paramics software.

Signal Coordination

Dr. Dowling is familiar with and has instructed professionals in the use of TRANSYT, PASSER and CORSIM for coordinating fixed time and actuated signals. He was technical support consultant to Caltrans for their Fuel Efficient Traffic Signal Management Project (FETSIM) to aid local agencies in improving signal coordination. He timed and coordinated the Washington Street signal system in San Leandro.

Freeway Simulation and Optimization

Dr. Dowling has extensive experience using FREQ to simulate freeway operations with and without ramp metering and HOV lanes. He conducted the Route 237 Freeway Operational Design Study for Santa Clara County, studying ramp metering, HOV lanes, and auxiliary lanes.

HOV Lanes

Dr. Dowling has led a multi-disciplinary team for FHWA to develop QUICK-HOV software for estimating the impacts of freeway and arterial HOV lanes on HOV and SOV demand.

Parking

Dr. Dowling has led parking demand and management studies for a range of special activity centers like: Downtown San Mateo, Downtown Salinas, Downtown Sacramento, Old Sacramento, Oakland's Jack London Square, Redondo Beach, and San Francisco's Fisherman's Wharf. As part of this work he has recommended parking code revisions and reviewed parking garage designs to increase parking efficiency.

Transportation Planning

Dr. Dowling is currently principal investigator for the NCHRP Project 3-70, "Multimodal Level of Service for Urban Streets", a project to develop and validate quantifiable measures of the traveling public's perception of level of service on city streets. Dr. Dowling wrote NCHRP 387, Planning Techniques for Estimating Speed and Level of Service. He is the author of several papers on improving the speed estimates produced by travel models. He has been technical advisor on models to Contra Costa Transportation Authority. He was a contributor to NARC "Best Modeling Practices" and Caltrans Model Guidelines reports. He has been project manager or engineer for several modeling projects, including: The Tri-Valley Model Update, Modesto City-wide Model and Traffic Impact Fee Study, Santa Clara County Golden Triangle Model, San Ramon Railroad Branchline Study, City of Hayward Comprehensive Traffic Study, Sacramento Northeast Corridor Study, and Sacramento Rural Agricultural Goods Movement Study. He is fluent in the MINUTP, TRANPLAN, and EMME/2 software packages.

Transit Planning

Dr. Dowling was project engineer for the patronage forecasting portion of the Orange County Commuter Rail Study. He supervised the development and calibration of a logit mode split model for the project. As project engineer on the Solano County Transportation Centers Study, he investigated the demand for, cost, and feasibility of transportation centers for five cities. He screened site alternatives and developed conceptual design schematics for each of the sites.

Bicycle Engineering

As a municipal engineer Dr. Dowling was responsible for designing and implementing the City of Sacramento's $25,000 annual program to install bike lanes according to City's bikeway master plan. As a consultant, he recommended improvements, estimated costs, and identified potential funding for improving bicycle circulation within South Davis and improving freeway bicycle crossing between South Davis and Davis, with particular emphasis on school children and commuters.

Transportation Demand Management

Dr. Dowling has conducted TDM studies of San Francisco General Hospital and Davies Medical Center. He was responsible for identifying the employee mode split impacts of higher parking charges, new parking garages, and increased shuttle service.

Teaching

Dr. Dowling has presented University of California ITS Extension courses on : Micro-simulation Models, Transportation Planning Models and Software, and the Use of TRANSYT, PASSER, and CORSIM in the coordination of Traffic Actuated Signals. He also gave a U.C. Davis Extension course on, "City Planning Techniques to Reduce Traffic Congestion." He trained Caltrans on the Paramics microsimulation software through a series of 3-day courses held around the state.

Research

Dr. Dowling was principal investigator (P.I.) for a two year, $375,000, National Cooperative Highway Research Program (NCHRP) project, #25-21, "Predicting the Long and Short Term Air Quality Effects of Traffic Flow Improvement Projects". He was principal investigator for NCHRP 3-55(2), "Planning Techniques for Estimating Speed and Level of Service"; and its follow up study, NCHRP 3-55(2)A - "Planning Applications for the Year 2000 Highway Capacity Manual". These two projects totaled $400,000. Prior to that he was P.I. for The Federal Highway Administration Project: "Predicting the Demand for HOV Lanes" (a $450,000 project); and the California Air Resources Board Project, " The Effect of Increased Highway Capacity on Travel Demand." He has participated in NCHRP 3-68, Development of Freeway Performance Measures, and the FSHRP Travel Time Reliability Strategic Research Program development. His Ph.D. dissertation was, "Simple Techniques for Deriving Vehicular OD Patterns in Small Study Areas."

Education

Ph.D., Transportation Engineering, University of California, Berkeley, 1984

M.S., Transportation Planning, University of California, Berkeley, 1975

B.S., Civil Engineering (Honors), University of California, Berkeley 1973

Employment History

1986 – Present	Dowling Associates, Inc. and Part Time Instructor: Institute of Transportation Studies Extension, University of Idaho Extension and University of California, Davis Extension
1980 – 1986	D.K.S. Associates
1979 – 1980	University of California, Berkeley (Research Assistant)
1977 – 1979	City of Sacramento, Traffic Engineering Division
1975 – 1977	Sacramento Council of Governments.

Publications

Chapters 28, 29, 30 of Highway Capacity Manual, Year 2000 Edition, Transportation Research Board, Washington, D.C., 2000.

NCHRP 387, Planning Techniques for Estimating Speed and Service Volumes for Planning Applications, Transportation Research Board, Washington D.C., 1998.

Travel Model Speed Estimation and Post Processing Methods for Air Quality Analysis, U.S. Department of Transportation, DOT-T-98-5, Washington, D.C., October 1997.

Dowling, R., R. Singh, and W. Cheng, "The Accuracy and Performance of Improved Speed Flow Curves", Road and Transportation Research, Vol. 7, No. 2, June 1998. ARRB Transport Research, Victoria, Australia.

"Extension of the Level of Service Concept to Transportation Systems", Paper #980021, Transportation Research Board, Washington, D.C. 1998.

"Evaluation of Speed Measurement and Prediction Techniques for Signalized Arterials", TRR #1564, Transportation Research Board, Washington, D.C., 1996.

R. Dowling and S. Colman, "Effects of Increased Highway Capacity: Results of Household Travel Behavior Survey." TRR #1493, Transportation Research Board, Washington D.C., 1995.

"Use of Default Parameters for Estimating Signalized Intersection Level of Service." TRR #1457, Transportation Research Board, 1994.

"Improving the Average Travel Speeds Estimated by Planning Models." TRR #1360, Transportation Research Board, Washington, D.C., 1992.

"Factors Affecting TDM Program Success at Six San Francisco Medical Institutions." TRR #1321, Transportation Research Board, Washington, D.C., 1991.

"Controlling Growth With Level of Service Standards." TRR #1237. Transportation Research Board, Washington, D.C., 1989.

"Comparison of Small Area OD Estimation Techniques," co-authored with Adolf D. May. TRR #1045, Transportation Research Board, Washington, D.C., 1985.

"Simple Techniques for Deriving Vehicular Origin Destination Patterns in Small Study Areas." Ph.D. Dissertation, University of California, Institute of Transportation Studies, DS-84-1, April 1984.

Daganzo, C., R. Hall, R. Dowling, "Railroad Classification Yard Throughput: The Case of Multi-stage Triangular Sorting." Transportation Research, Part A: General Vol. 17A, No.2, pp. 95-106, 1983.

Franklin Cai

Associate Transportation Engineer

Mr. Franklin Cai, an Associate Transportation Engineer with Dowling Associates Inc., is experienced in transportation modeling and simulation, accident analysis, parking and trip generation studies and he is very skilled at extracting large amounts of data for information and performing statistical analysis. He is also experienced with EMME2, TP+, VISUM, ArcView GIS, Synchro, Traffix and MS MapPoint.

Professional Registration

Engineer-In-Training

Professional Affiliations

Institute of Transportation Engineers

Professional Experience

Westgate Shopping Center Traffic Study

Developed the City of San Leandro model based on the Alameda County Congestion Management Agency (CMA) model to determine mitigation measures to address traffic issues generated by the Westgate shopping area.

12th Street Reconstruction Project

Developed an updated City of Oakland model based on the CMA model. Calibrated the model with existing turn volumes and forecasted 2010 and 2025 traffic volumes. Automatically transferred all results to Synchro for analysis.

Expert Witness Report for Wal-Mart deposition

Engineered a data-collection effort for Super Wal-Mart trip generations in five cities across California and Nevada. Statistically compared the Wal-Mart trip generation rates with the ITE rates.

Caltrans' On Call Weekend Rerouting Model– 5th Ave.

Developed a micro-simulation model using volumes from a macro model for a traffic management plan of re-routing issues due to ramp and lane closures. Compiled and analyzed ramp and mainline data for volume trends and current patterns using MS Access. Data analyzed included GPS speeds, Caltrans Traffic Volumes Manuals from 1970 to 2000, Caltrans freeway ramps and mainline counts from 1998 to 2002, and Caltrans PeMs loop detector counts on freeway mainlines.

Washoe Regional Model

Route planning for speed survey of all road networks in Washoe County. Organized and performed weeklong speed data collection using GPS units. Attached all GPS data to the ArcView shape file of the Washoe road network. Gathered statistics on the data – i.e. average speed, maximum speed, and standard deviation. Estimated free-flow speeds based on the surveyed speeds. Fitted model's volume-delay functions for different road classes based on volume and speed data. Derived methodology to quickly input free flow speeds into the TP+ modeling network based on link speeds from the ArcView shape file network.

Interchange Deficiency Studies

Analyze accident data for accident rates and patterns in an effort to point out deficiencies at various Fresno interchanges. Used Fresno TP+ model to determined capacity deficiencies. Proposed design mitigations for intersections with unacceptable level of service at or near each interchange.

Palo Alto Citywide Model

Developed the 2010 and 2025 land uses for the Palo Alto Transportation Model.

Publications

Franklin C.: Ways of Providing ITE Trip Generation Rates in a Macro Model, This paper is for ITE District 6 Annual Conference, 2005 in Kalispell, MT.

Education

MS, Operations Research and Industrial Engineering, Cornell University, Ithaca

BS, Industrial Engineering and Operations Research, Minor in Statistics, University of California, Berkeley

Employment History

6/05 – present	*Associate Transportation Engineer*, Dowling Associates, Inc.,
2002 – 2005	*Transportation Engineer*, TJKM Transportation Consultants
2001 – 2002	*Statistical Programmer*, JP Research (statistical consulting)
1999	*Industrial Engineer Intern*, United Parcel Service
1998 – 1999	*Intern*, TJKM Transportation Consultants

Computer Skills

EMME2, TP+, ArcView GIS, Aimsun (Traffic Micro-simulation Software), Synchro, Traffix, MS MapPoint, MapSource, MS Access, Excel, SAS, SQL, and SPSS.

PTV AMERICA

- Robert M. Schull
- Kean Lew

Robert M. Shull, P.E.,

Vice President

Robert Shull is Vice President and Principal Engineer for PTV America, Inc. He manages the company's Vashon, Washington office. He is responsible for PTV's travel demand modeling services using TMODEL and VISUM and is actively involved in software development, training, and support. Shull has more than 30 years of experience in transportation modeling and traffic engineering and has developed an excellent reputation within the transportation profession. He has worked throughout North America as well as internationally.

Background

Shull received a Bachelor of Science degree in Civil Engineering from Oregon State University (OSU). He continued his education at OSU taking Master's degree courses in Transportation and Statistics while serving as a research and teaching assistant. He is registered as a Professional Engineer in Oregon. Prior to merging with PTV America, Inc. in 2004, Shull founded TModel Corporation in 1991. He has worked for a number of other firms in a variety of positions: Metro Transportation Group, Inc. (Vice President, 1988-1991), Professional Solutions, Inc. (President and Founder, 1982-1988), Washington County (Oregon) Department of Public Works (Senior Traffic Analyst, Traffic Engineer, 1979 – 1982), Transportation Planning and Management, Inc. (Project Engineer, 1977 – 1979) and Oregon State University (Research Assistant, Teaching Assistant, 1973 – 1977).

Selected Project Experience

Systems Simulation, Analysis & Development

Responsible for the systems research and development of software products with emphasis on traffic and transportation engineering and planning computer software. Original author of the TMODEL Transportation Modeling System. Project leader and programmer for TMODEL, NCAP Intersection Capacity Analysis Package, TGAP Traffic Gap Analysis Package, and LPlate License Plate Matching program, computer simulation of mobile source emissions for Western Oregon, and others.

Transportation Modeling

Primarily responsible for or assisted with the development and applications of models for Anacortes, Arlington, Auburn, Bainbridge, Benton-Franklin COG, Black Diamond, Blaine, CleElum, Ephrata, Everett, Issaquah, Kent, Marysville, Richland, Sedro-Woolley, Shelton, Skagit County, Smokey Point, Snoqualmie Pass, Spokane, Whatcom County, Wenatchee Area Transportation Study, Yakima, and Yakima County, Washington; BART, Cambria, Chico, Goleta, Orcutt, Oroville, Paradise, Paso Robles, San Luis Obispo, Santa Maria, and Shafter, California; Beaverton, Portland, Washington County and Wilsonville, Oregon; Ketchikan, Alaska; Alamogordo, Española, Farmington, Gallup, Hobbs, Los Lunas, NCRMIS, Roswell, Santa Fe, Silver City, and Taos, New Mexico; DuPage County, Gurnee, Hoffman Estates, Naperville, Park

Ridge, and Rockford, Illinois, Warsaw Indiana, Kootenai County, Idaho, and Ciudad Guayana, Venezuela and many others through providing support services.

Transportation Planning

Project manager of Transportation Modeling effort for rapidly growing suburban Washington County, Oregon. Directed technical personnel in computer analysis of county transportation system for preparation of Comprehensive Plan Transportation Element. Developed transportation/urban redevelopment plans for Sherwood, Oregon City, and Gladstone, Oregon. Provided transportation planning guidance for models listed above.

Traffic Engineering

Responsible for design, installation, and maintenance of traffic control devices as acting Traffic Engineer for Washington County, OR. Developed Roadway and Traffic Safety Management Plans for Coos Bay, Milwaukie, Beaverton, Washington County and Coos County, Oregon. Designed traffic signals.

Impact Studies

Responsible for review of traffic impact statements and development of impact assessment fee structure. Developed traffic impact review requirements for Washington County, Oregon. Conducted impact studies for Office, Commercial, Light Industrial, Residential, and Retirement Community developments in Oregon and Washington.

Traffic Studies

Traffic studies include spot speed, speed and delay, license plate, origin and destination, sign inventories, capacity analyses and parking duration and supply.

Teaching

Developed and instructed TMODEL transportation modeling training workshops in Alberta, British Columbia, California, Illinois, Indiana, Maryland, New Hampshire, New Mexico, New South Wales, New York, Oregon, Saskatchewan, South Dakota, Washington, and Venezuela. Guest Lecturer at the Northwestern University Traffic Institute, and the University of Washington Transportation Center.

Professional Registration/Memberships

- Professional Engineer in Oregon
- Institute of Transportation Engineers
- Transportation Research Board
- Association of Pedestrian & Bicycle Professionals
- American Planning Association

Kean Lew, P.E.,

Project Manager

Kean Lew is a project manager for PTV America, Inc. He is responsible for managing consulting projects. In addition, he is also responsible for marketing, development, support and conducting software-training classes for the PTV Vision suite. Lew's areas of focus are integration of travel demand models with microsimulation models, multimodal transportation, transportation planning and Geographic Information Systems for Transportation (GIS-T).

Background

Lew has a Bachelor's of Science (Civil Engineering) degree and a Master's of Science (Civil Engineering specializing in transportation engineering) from the University of Manitoba, Canada. For his master's work, Lew worked with the University of Manitoba Transport Information Group (UMTIG) focusing on travel demand models, freight movements and GIS-T. He has published and presented several papers on the subjects.

Prior to working for PTV, Lew worked for Infrastructure Systems Limited as a traffic engineer. He worked on demand models to support transportation master plans, traffic signal and intersection designs and traffic operations analyses. Lew was also exposed to the various stages of transportation engineering projects: feasibility studies, conceptual design, preliminary engineering, detailed operations analysis, detailed design, construction supervision, and post-construction evaluation.

Select Project Experience

VISUM Capacity Analysis – Corvallis, OR – Current

Lew is working with a multi-disciplinary coalition of professionals including traffic engineers, demand modelers and software engineers to implement Highway Capacity Manual 2000 equivalent deterministic evaluation measures in VISUM. This capability will provide further flexibility to ptv Vision Suite users to evaluate the performance of transportation systems using HCM methodologies while incorporating the travel demand modeling power of VISUM and the traffic microsimulation detail of VISSIM.

Boise Downtown Mobility Study – Boise, ID – Current

Lew is working to build multi-modal microsimulation models of downtown Boise using the PTV Vision integrated suite. The microsimulation models are refined from a regional demand model built in TranPlan and an operational model built in SYNCHRO. The microsimulation models are used to analyze various network and transit service plan scenarios to enhance the mobility of downtown Boise.

Dallas Light Rail Corridor Study – Dallas, TX – Current

Lew is enhancing an existing microsimulation model with updated traffic volumes. The enhancement process involves transferring the microsimulation model to a demand model and utilizing matrix estimation methods to generate volume for future scenarios. This project is one

of the first truly integrated applications where a simulation model is exported to a travel demand model.

SKATS High Capacity Transportation Corridor Analysis – Salem, OR – September 2003

Lew enhanced an integrated demand model (transit and automobile) of Salem with intersection geometry and traffic signal timing. The enhanced model was used to calculate intersection delay (based on a method similar to the Highway Capacity Manual) and prioritize corridors throughout the region for high capacity transit service.

Oregon State University Base Transportation Model – Corvallis, OR – July 2003

As project manager, Lew acted as client liaison, specifying data needs, supervising data collection and working to develop an integrated transportation-planning model. In addition, Lew collaborated on designing a detailed travel survey that focuses on campus travel characteristics and alternate modes.

North Albany Transportation Plan – Albany, OR – February 2003

Lew worked to migrate the existing City of Albany model from EMME/2 to VISUM. The model was used to evaluate different development scenarios and traffic mitigation measures for North Albany as part of the North Albany Refinement Plan.

Professional Registration/Memberships

- Association of Professional Engineers, Geologists and Geoscientist of Alberta -Professional Engineer (P. Eng.)
- Institute of Transportation Engineers - Associate Member

Publications/Presentations

Lew, Kean Hoe, Alan Clayton and Doug Hurl, *The Foundation of a Transportation Planning Model for the Manitoba Capital Region*, CTRF Annual Conference, Vancouver, British Columbia, May 2001.

Lew, Kean Hoe and Alan Clayton, *Transportation Planning for the Manitoba Capital Region*, Canadian Society of Civil Engineers 28th Annual Conference, London, Ontario, June 2000.

Han, Kai, Errol Tan, **Kean Hoe Lew**, Jeannette Montufar and Alan Clayton, *Techniques to Facilitate the Interoperation between different Spatial data sets in GIS-T*, Geographic Information for Transportation (GIS-T) Symposium, Minneapolis, Minnesota, March 2000.

Lew, Kean Hoe, Alan Clayton and Ahmed Shalaby, *Rationalizing Spring Restrictions on Truck Weight Limits in the Prairie Region*, Canadian Society of Civil Engineers 27th Annual Conference, Regina, Saskatchewan, June 1999

Montufar, Jeannette and **Kean Hoe Lew**, The Application of Intelligent Transportation Systems to Commercial Vehicle Operations (ITS-CVO) in Manitoba, Canada, Rural Advanced Technology and Transportation Systems (RATTS) International Conference, University Park, Pennsylvania, September 1998

ATTACHMENT 10

Laura M. Bridley, AICP – Proposal

June 6, 2008

Ms. Rosemarie Gaglione, Senior Project Manager
City of Goleta
Community Services Department
130 Cremona Drive, Suite B
Goleta, CA 93117

RE: Proposed Planning Services for City of Goleta Community Services Department for 2008-09 fiscal year

Dear Rosemarie:

This letter provides a scope of services and budget for my planning services anticipated for the 2008-09 fiscal year with the City of Goleta. I am also forwarding an amended City services contract for your execution to indicate this extension of my services. I have listed the capital improvement projects we have discussed, and tasks and budget for each below.

Scope of Work

1. San Jose Creek Capacity (revised) Improvement Project.

   A. Follow up on any comments, adjoining property owner list needs, or related tasks for completion of SAIC's application packets to state and federal agencies, as drafted in May 2008.

   B. Continue preparation of the application to the California Coastal Commission, in coordination with City staff, SAIC, and Penfield & Smith. This work started in May 2008, and will continue to include discussions with the Coastal Commission staff, and advisory discussions with you and Patty Miller of Planning and Environmental Services Dept. for review and comment.

   B. Amend as needed, and finalize.

   C. Submit to the Coastal Commission and respond to requests for additional information, coordinate requested clarification on plans if requested, and generally monitor this application through the Coastal Commission staff review process.

   D. (Optional): I could attend the CCC hearing if you think that is necessary.

Approximate Budget (July 2008 - June 2009): 100 @ 115 = $11,500

2. Cathedral Oaks Interchange with Highway 101:

A. Continue coordination with Paula Huddleston/Caltrans in its joint application with the City of Goleta for a Coastal Development Permit for this project from the Coastal Commission. Brief and coordinate you and PES staff as needed to move this project forward.

B. Draft and finalize with Planning and Environmental Services Dept. staff updated reports for Preliminary and Final DRB meetings, prepare for and attend those meetings, and coordinate final clearances from P&ES prior to bid document finalization.

Approximate budget (July 2008 - June 2009): 30 hours @ 115 = $3,450

3. Ekwill Fowler Project:

A. Work with Gerald Comati and Rosemarie Gaglione and URS consultants to summarize project description, define boundaries of work and assist with future noticing requirements for revised Notice of Preparation.

B. Draft an updated Notice of Preparation based on the revised alignment of Ekwill, and circulate to Community Services staff, including Mr. Comati, and URS consultants.

C. Finalize revised NOP based on comments and follow through with noticing and mailing as directed by PES staff.

D. Coordinate comments received, forward to team and meet to review with URS, Gaglione and Comati.

E. Start on City Planning Commission process, including filing of application, determination of completeness, work with PES staff in taking case to Development Review Committee, preparation of staff report for Planning Commission.

F. Attend general team meetings and discussions as requested (assuming 10 during year), and remain available for local permitting questions and follow up with Coastal Commission process.

Approximate Budget (July 2008 - June 2009): 120 hours @ $115/hour = $13,800

4. Los Carneros Road Overhead:

G. Research/coordination for Community Services staff of local permitting questions, possible memo preparation and security of letter for final exemption status from local permits. (Note: at this point, a GC 65402 action by the local planning agency is not anticipated, but this would require an updated budget estimate if deemed necessary based on final right-of-way configurations.)

Approximate Budget (July 2008 -June 2009): 5 hours @ $115/hour = $575

5. Winchester Canyon Culvert:

a. Assistance with local permitting, as needed, including coordination with PES staff. (Assumes no Government Code 65402 hearing necessary, and no Planning Commission process).

Approximate Budget (July 2008- June 2009): 5 hours @ $115/hour = $575

6. Ellwood Area Tree Removal:

a. Meet with Bill Millar to define specific areas of tree work, scope of tree removals, understand project extent and timing in order to draft appropriate planning application package. Research if any existing planning permits on file for Ellwood Mesa that could be amended through hearing process. (Based on my current understanding, I believe this would require a local Development Plan/DPA Amendment and a Coastal Development Permit from the Coastal Commission, based on Article II provisions regarding tree removal in the Coastal Zone).

b. Prepare application, if needed, for DRB advisory review and process through City hearings. Prepare staff report for DRB meeting and attend.

c. Prepare application for Development Plan, determine if project could be considered CEQA exempt or require a Mitigated Negative Declaration and prepare the appropriate document.

d. Prepare staff reports for Planning Commission review of the Development Plan, including findings for CEQA, Ordinance consistency and General Plan Consistency. Submit to PES staff and revise as necessary. Assist PES and CES staffs with noticing. Prepare for and attend Planning Commission hearing.

e. Provide support to Community Services staff through any necessary action by City Council.

f. Prepare application to Coastal Commission for Coastal Development Permit. Submit to CES staff and revise as necessary. Submit application and work through CCC process to secure permit.

Approximate Budget (July 2008- June 2009): 50 hours @ $115/hour = $5,750

7. Assorted Project as Needed: These various permitting questions for any CIP project or related Community Service Department efforts that interface with the Planning and Environmental Services Department processes, or other regulatory agencies.

Approximate Budget (July 2008 -June 2009): 8 hours @ $115/hour = $920

Summary of Services Budget

Project	Hours estimated	Fee estimate	Notes
San Jose Creek	100	11,500	
Cathedral Oaks Interchange	30	3,450	
Ekwill Fowler	120	13,800	
Los Carneros Bridge	5	575	Assumes no GC 65402 hearing by PC
Winchester Canyon Culvert	5	575	Assumes no GC 65402 hearing by PC
Ellwood Area Tree Work	50	5,750	
Assorted Projects as Needed	8	920	
TOTAL ESTIMATE:	**318**	**36, 570**	

Terms of Service

All services outlined above (total budget of $36,570) would continue to be provided as an independent contractor to the City of Goleta at my previously quoted rate of $115 per hour, billed monthly, with occasional reimbursable expenses (long distance phone/facsimile charges, copies, prints, etc). All invoices are expected to be paid within 30 days. If payments are not paid within this time frame, I retain the right to consider accounts past due, and such as cause to cease work until accounts are made current.

Please also note that as an independent contractor, I have a City of Santa Barbara business license and general liability insurance. With no employees, I am not required to retain Worker's Compensation insurance.

If this scope of services and terms are acceptable to you, please incorporate this proposal by reference into the City's contract for professional services, forwarded under separate cover.

If you have any questions, please do not hesitate to contact me at 966-7260, or e-mail me at laurabridley@cox.net. Thank-you again for this opportunity to assist your Department with some very exciting projects for Goleta.

Very truly yours,

Laura M. Bridley, AICP
Consultant