Council Meeting of
December 4, 2007

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Public Works - Recommendation to approve a Second Amendment to extend the term for Agreement C2005-085 with P & D Consultants for Consulting Engineering Services for the Zamperini Field Security Project. Expenditure: Not Applicable.

RECOMMENDATION

Recommendation by the Public Works Director that City Council approve a Second Amendment to Professional Services Agreement C2005-085 with P & D Consultants for a twelve month term extension from December 27, 2007 to December 26, 2008 to perform bid support services which are included in the contract.

Funding

Not applicable.

BACKGROUND/Analysis

The City's Agreement with P & D Consultants was entered into on May 17, 2005 in the amount of $196,780 to prepare plans, specifications and estimates for construction of security measures at Zamperini Field. On June 13, 2006, the City Council approved an Amendment to increase the contract in the amount of $27,138 to perform additional services, including wireless camera systems, and extended the contract term through December 26, 2007. During design, the Federal Aviation Administration (FAA) requested additional fencing and access control for the airport tower. The FAA will be funding the additional work. Design coordination is nearly complete, but extended the design time. Additionally, effort was required to coordinate with development planned just east of the tower.

8E

The City received the final plans and we are expecting to advertise for bids in the near future. The project is anticipated to be completed within one year after the Notice to Proceed. The Consultant's original scope of work included bid support services to be performed during the bid process. The term of Agreement C2005-085 ends on December 26, 2007, therefore, it is recommended that the term be extended to December 26, 2008.

Respectfully submitted,

ROBERT J. BESTE
Public Works Director

David L. Ringland

By David L. Ringland
Project Manager

CONCUR:

Robert J. Beste
Public Works Director

Mary Giordano

LeRoy J. Jackson
for City Manager

Attachments: A. Second Amendment to C2005-085
B. Agreement C2005-085
C. First Amendment to Agreement C2005-085

ATTACHMENT A

SECOND AMENDMENT TO AGREEMENT C2005-085

This Amendment to Agreement is made and entered into as of _____, by and between the City of Torrance ("CITY"), a municipal corporation, and **P & D Consultants**, a Delaware corporation ("CONSULTANT").

RECITALS:

A. CITY and CONSULTANT entered into an agreement on May 17, 2005, whereby CONSULTANT agreed to provide consulting services to research, perform preliminary and final designs, prepare plans, specifications, and estimates for the Zamperini Field Security Project.

B. CITY approved a First Amendment on June 13, 2006 for Consultant to perform additional design services, and extended the effective date of contract to December 26, 2007.

C. The current agreement includes services for Consultant to provide technical assistance during bidding process which is not yet completed.

D. Both parties wish to extend the term of the contract from the effective date through December 26, 2008.

AGREEMENT:

1. Paragraph 2, entitled "TERM", is amended to read in its entirety as follows:

"2. **TERM**

Unless earlier terminated in accordance with paragraph 4 below, this Agreement will continue in full force from effective date through December 26, 2008."

2. In all other respects, the Agreement dated May 17, 2005 and the amendment dated June 13, 2006 between CITY and CONSULTANT are ratified and reaffirmed and are in full force and effect.

CITY OF TORRANCE,
a municipal corporation

By:_____
Frank Scotto, Mayor

P & D Consultant
a Delaware Corporation

By:_____
Warren Sprague
Vice President

ATTEST

_____
Sue Herbers, City Clerk

APPROVED AS TO FORM:

JOHN L. FELLOWS III
City Attorney

By:_____
Deputy City Attorney

ATTACHMENT B

CONSULTING SERVICES AGREEMENT

This CONSULTING SERVICES AGREEMENT ("Agreement") is made and entered into as of May 17, 2005 (the "Effective Date"), by and between the CITY OF TORRANCE, a municipal corporation ("CITY"), and P & D Consultants, a Delaware Corporation ("CONSULTANT").

RECITALS:

A. CITY wishes to retain the services of an experienced and qualified engineering CONSULTANT to prepare plans, specifications and estimates for the Zamperini Field Security Project and the plans, specifications and estimates for airfield lighting conduits and wash rack relocation.

B. CONSULTANT represents that it is qualified to perform those services.

AGREEMENT:

1. SERVICES TO BE PERFORMED BY CONSULTANT
CONSULTANT will provide the services listed in the Scope of Services attached as Exhibit A. CONSULTANT warrants that all work and services set forth in the Scope of Services will be performed in a competent, professional and satisfactory manner.

2. TERM
Unless earlier terminated in accordance with Paragraph 4 below, this Agreement will continue in full force and effect from the Effective Date through April 26, 2007.

3. COMPENSATION
A. CONSULTANT's Fee.

For services rendered pursuant to this Agreement, CONSULTANT will be paid in accordance with the Compensation Schedule attached as Exhibit B, provided, however, that in no event will the total amount of money paid the CONSULTANT, for services initially contemplated by this Agreement, exceed the sum of $196,780 ("Agreement Sum"), unless otherwise first approved in writing by CITY.

B. Schedule of Payment.

Provided that the CONSULTANT is not in default under the terms of this Agreement, upon presentation of an invoice, CONSULTANT will be paid monthly the fees described in Paragraph 3.A. above, according to the Compensation Schedule. Payment will be due within 30 days after the date of the monthly invoice.

4. TERMINATION OF AGREEMENT
A. Termination by CITY for Convenience.

C2005-085

ORIGINAL COPY

1. CITY may, at any time, terminate the Agreement for CITY's convenience and without cause.

2. Upon receipt of written notice from CITY of such termination for CITY's convenience, CONSULTANT will:

   a. cease operations as directed by CITY in the notice;
   b. take actions necessary, or that CITY may direct, for the protection and preservation of the work; and
   c. except for work directed to be performed prior to the effective date of termination stated in the notice, terminate all existing subcontracts and purchase orders and enter into no further subcontracts and purchase orders.

3. In case of such termination for CITY's convenience, CONSULTANT will be entitled to receive payment for work executed; and costs incurred by reason of such termination, along with reasonable overhead and profit on the work not executed.

B. Termination for Cause.

1. If either party fails to perform any term, covenant or condition in this Agreement and that failure continues for 15 calendar days after the nondefaulting party gives the defaulting party written notice of the failure to perform, this Agreement may be terminated for cause; provided, however, that if during the notice period the defaulting party has promptly commenced and continues diligent efforts to remedy the default, the defaulting party will have such additional time as is reasonably necessary to remedy the default.

2. In the event this Agreement is terminated for cause by the default of the CONSULTANT, the CITY may, at the expense of the CONSULTANT and its surety, complete this Agreement or cause it to be completed. Any check or bond delivered to the CITY in connection with this Agreement, and the money payable thereon, will be forfeited to and remain the property of the CITY. All moneys due the CONSULTANT under the terms of this Agreement will be retained by the CITY, but the retention will not release the CONSULTANT and its surety from liability for the default. Under these circumstances, however, the CONSULTANT and its surety will be credited with the amount of money retained, toward any amount by which the cost of completion exceeds the Agreement Sum and any amount authorized for extra services.

3. Termination for cause will not affect or terminate any of the rights of the CITY as against the CONSULTANT or its surety then existing, or which may thereafter accrue because of the default; this provision is in addition to all other rights and remedies available to the CITY under law.

C. Termination for Breach of Law.

In the event the CONSULTANT or any of its officers, directors, shareholders, employees, agents, subsidiaries or affiliates is convicted (i) of a criminal offense as an incident to obtaining or attempting to obtain a public or private contract or subcontract, or in the performance of a contract or subcontract; (ii) under state or federal statutes of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or any other offense indicating a lack of business integrity or business honesty which currently, seriously, and directly affects responsibility as a public consultant or contractor; (iii) under state or federal antitrust statutes arising out of the submission of bids or proposals; or (iv) of violation of Paragraph 19 of this Agreement; or for any other cause the CITY determines to be so serious and compelling as to affect CONSULTANT's responsibility as a public consultant or contractor, including but not limited to, debarment by another governmental agency, then the CITY reserves the unilateral right to terminate this Agreement or to impose such other sanctions (which may include financial sanctions, temporary suspensions or any other condition deemed appropriate short of termination) as it deems proper. The CITY will not take action until CONSULTANT has been given notice and an opportunity to present evidence in mitigation.

5. **FORCE MAJEURE**

If any party fails to perform its obligations because of strikes, lockouts, labor disputes, embargoes, acts of God, inability to obtain labor or materials or reasonable substitutes for labor or materials, governmental restrictions, governmental regulations, governmental control, judicial orders, enemy or hostile governmental action, civil commotion, fire or other casualty, or other causes beyond the reasonable control of the party obligated to perform, then that party's performance shall be excused for a period equal to the period of such cause for failure to perform.

6. **RETENTION OF FUNDS**

CONSULTANT authorizes CITY to deduct from any amount payable to CONSULTANT (whether or not arising out of this Agreement) any amounts the payment of which may be in dispute or that are necessary to compensate CITY for any losses, costs, liabilities, or damages suffered by CITY, and all amounts for which CITY may be liable to third parties, by reason of CONSULTANT's negligent acts or omissions or willful misconduct in performing or failing to perform CONSULTANT's obligations under this Agreement. In the event that any claim is made by a third party, the amount or validity of which is disputed by CONSULTANT, or any indebtedness exists that appears to be the basis for a claim of lien, CITY may withhold from any payment due, without liability for interest because of the withholding, an amount sufficient to cover the claim. The failure of CITY to exercise the right to deduct or to withhold will not, however, affect the obligations of CONSULTANT to insure, indemnify, and protect CITY as elsewhere provided in this Agreement.

7. **CITY REPRESENTATIVE**
Robert J. Beste is designated as the "City Representative," authorized to act in its behalf with respect to the work and services specified in this Agreement and to make all decisions in connection with this Agreement. Whenever approval, directions, or other actions are required by CITY under this Agreement, those actions will be taken by the City Representative, unless otherwise stated. The City Manager has the right to designate another City Representative at any time, by providing notice to CONSULTANT.

8. **CONSULTANT REPRESENTATIVE(S)**
The following principal(s) of CONSULTANT are designated as being the principal(s) and representative(s) of CONSULTANT authorized to act in its behalf with respect to the work specified in this Agreement and make all decisions in connection with this Agreement:

John L. Kinley
Mark S. Nelson

9. **INDEPENDENT CONTRACTOR**
The CONSULTANT is, and at all times will remain as to CITY, a wholly independent contractor. Neither CITY nor any of its agents will have control over the conduct of the CONSULTANT or any of the CONSULTANT's employees, except as otherwise set forth in this Agreement. The CONSULTANT may not, at any time or in any manner, represent that it or any of its agents or employees are in any manner agents or employees of CITY.

10. **BUSINESS LICENSE**
The CONSULTANT must obtain a City business license prior to the start of work under this Agreement, unless CONSULTANT is qualified for an exemption.

11. **OTHER LICENSES AND PERMITS**
CONSULTANT warrants that it has all professional, contracting and other permits and licenses required to undertake the work contemplated by this Agreement.

12. **FAMILIARITY WITH WORK**
By executing this Agreement, CONSULTANT warrants that CONSULTANT (a) has thoroughly investigated and considered the scope of services to be performed, (b) has carefully considered how the services should be performed, and (c) fully understands the facilities, difficulties and restrictions attending performance of the services under this Agreement. If the services involve work upon any site, CONSULTANT warrants that CONSULTANT has or will investigate the site and is or will be fully acquainted with the conditions there existing, prior to commencement of services set forth in this Agreement. Should CONSULTANT discover any latent or unknown conditions that will materially affect the performance of the services set forth in this Agreement, CONSULTANT must immediately inform CITY of that fact and may not proceed except at CONSULTANT's risk until written instructions are received from CITY.

13. **CARE OF WORK**

CONSULTANT must adopt reasonable methods during the term of the Agreement to furnish continuous protection to the work, and the equipment, materials, papers, documents, plans, studies and other components to prevent losses or damages, and will be responsible for all damages, to persons or property, until acceptance of the work by CITY, except those losses or damages as may be caused by CITY's own negligence.

14. **CONSULTANT'S ACCOUNTING RECORDS; OTHER PROJECT RECORDS**

Records of the CONSULTANT's time pertaining to the project, and records of accounts between CITY and the CONSULTANT, will be kept on a generally recognized accounting basis. CONSULTANT will also maintain all other records, including without limitation specifications, drawings, progress reports and the like, relating to the project. All records will be available to CITY during normal working hours. CONSULTANT will maintain these records for three years after final payment.

15. **INDEMNIFICATION**

CONSULTANT will indemnify, pay for cost of defense, and hold harmless CITY, the City Council, each member thereof, present and future, its officers, agents and employees from and against any and all liability, expenses, including defense costs and legal fees, and claims for damages whatsoever, including, but not limited to, those arising from breach of contract, bodily injury, death, personal injury, property damage, loss of use, or property loss. The obligation to indemnify, pay for cost of defense, and hold harmless includes, but is not limited to, any liability or expense, including defense costs and legal fees, arising from the negligent acts or omissions, or willful misconduct of CONSULTANT, its officers, employees, agents, subconsultants or vendors. It is further agreed, CONSULTANT's obligations to indemnify, defend and hold harmless will apply, but only to the extent covered by Consultant's negligence, even in the event of concurrent negligence on the part of CITY, the City Council, each member thereof, present and future, or its officers, agents and employees, except for liability resulting from the negligence or willful misconduct of CITY, its officers, employees or agents. Payment by CITY is not a condition precedent to enforcement of this indemnity.

16. **NON-LIABILITY OF CITY OFFICERS AND EMPLOYEES**

No officer or employee of CITY will be personally liable to CONSULTANT, in the event of any default or breach by the CITY or for any amount that may become due to CONSULTANT.

17. INSURANCE

A. CONSULTANT must maintain at its sole expense the following insurance, which will be full coverage not subject to self insurance provisions:

1. Automobile Liability, including owned, non-owned and hired vehicles, with at least the following limits of liability:

   a. Primary Bodily Injury with limits of at least $500,000 per person, $1,000,000 per occurrence; and

   b. Primary Property Damage of at least $250,000 per occurrence; or

   c. Combined single limits of $1,000,000 per occurrence.

2. General Liability including coverage for premises, products and completed operations, independent contractors/vendors, personal injury and contractual obligations with combined single limits of coverage of at least $1,000,000 per occurrence.

3. Professional liability insurance with limits of at least $1,000,000 per occurrence.

4. Workers' Compensation with limits as required by the State of California and Employers Liability with limits of at least $1,000,000.

B. The insurance provided by CONSULTANT will be primary and non-contributory

C. CITY, the City Council and each member thereof, members of boards and commissions, every officer, agent, official, employee and volunteer must be named as additional insured under the automobile and general liability policies.

D. CONSULTANT must provide certificates of insurance and/or endorsements to the City Clerk of the City of Torrance before the commencement of work.

E. Each insurance policy required by this Paragraph must contain a provision that no termination, cancellation or change of coverage can be made without thirty days notice to CITY.

18. SUFFICIENCY OF INSURERS AND SURETIES

Insurance or bonds required by this Agreement will be satisfactory only if issued by companies authorized to do business in California, rated "B+" or better in the most recent edition of Best's Key Rating Guide, and only if they are of a financial category Class VII or better, unless these requirements are waived by the Risk Manager of CITY ("Risk Manager") due to unique circumstances. In the event the Risk Manager determines that the work or services to be performed under this Agreement creates an increased or decreased risk of loss to CITY, the CONSULTANT agrees that the minimum limits of any insurance policies or performance bonds required by this Agreement may be changed

accordingly upon receipt of written notice from the Risk Manager; provided that CONSULTANT will have the right to appeal a determination of increased coverage by the Risk Manager to the City Council of CITY within 10 days of receipt of notice from the Risk Manager.

19. CONFLICT OF INTEREST

A. No officer or employee of the CITY may have any financial interest, direct or indirect, in this Agreement, nor may any officer or employee participate in any decision relating to the Agreement that effects the officer or employee's financial interest or the financial interest of any corporation, partnership or association in which the officer or employee is, directly or indirectly interested, in violation of any law, rule or regulation.

B. No person may offer, give, or agree to give any officer or employee or former officer or employee, nor may any officer or employee solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation or any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any way pertaining to any program requirement, contract or subcontract, or to any solicitation or proposal.

20. NOTICE

A. All notices, requests, demands, or other communications under this Agreement will be in writing. Notice will be sufficiently given for all purposes as follows:

1. Personal delivery. When personally delivered to the recipient: notice is effective on delivery.

2. First Class mail. When mailed first class to the last address of the recipient known to the party giving notice: notice is effective three mail delivery days after deposit in an United States Postal Service office or mailbox.

3. Certified mail. When mailed certified mail, return receipt requested: notice is effective on receipt, if delivery is confirmed by a return receipt.

4. Overnight delivery. When delivered by an overnight delivery service, charges prepaid or charged to the sender's account: notice is effective on delivery, if delivery is confirmed by the delivery service.

5. Facsimile transmission. When sent by fax to the last fax number of the recipient known to the party giving notice: notice is effective on receipt. Any notice given by fax will be deemed received on the next business day if it is received after 5:00 p.m. (recipient's time) or on a non-business day.

6. Addresses for purpose of giving notice are as follows:

CONSULTANT:	P & D Consultants Attn: Suhair Qoborsi 999 Town & Country Road, 4th Fl. Orange, CA 92868 Fax: (714) 285-1281
CITY:	City Clerk City of Torrance Attn: John Wisz, Public Works 3031 Torrance Boulevard Torrance, CA 90509-2970 Fax: (310) 618-2931

B. Any correctly addressed notice that is refused, unclaimed, or undeliverable because of an act or omission of the party to be notified, will be deemed effective as of the first date the notice was refused, unclaimed or deemed undeliverable by the postal authorities, messenger or overnight delivery service.

C. Either party may change its address or fax number by giving the other party notice of the change in any manner permitted by this Agreement.

21. **PROHIBITION AGAINST ASSIGNMENT AND SUBCONTRACTING**
This Agreement and all exhibits are binding on the heirs, successors, and assigns of the parties. The Agreement may not be assigned or subcontracted by either CITY or CONSULTANT without the prior written consent of the other.

22. **INTEGRATION; AMENDMENT**
This Agreement represents the entire understanding of CITY and CONSULTANT as to those matters contained in it. No prior oral or written understanding will be of any force or effect with respect to the terms of this Agreement. The Agreement may not be modified or altered except in writing signed by both parties.

23. **INTERPRETATION**
The terms of this Agreement should be construed in accordance with the meaning of the language used and should not be construed for or against either party by reason of the authorship of this Agreement or any other rule of construction that might otherwise apply.

24. **SEVERABILITY**
If any part of this Agreement is found to be in conflict with applicable laws, that part will be inoperative, null and void insofar as it is in conflict with any applicable laws, but the remainder of the Agreement will remain in full force and effect.

25. **TIME OF ESSENCE**
Time is of the essence in the performance of this Agreement.

26. **GOVERNING LAW; JURISDICTION**
This Agreement will be administered and interpreted under the laws of the State of California. Jurisdiction of any litigation arising from the Agreement will be in Los Angeles County, California.

27. **COMPLIANCE WITH STATUTES AND REGULATIONS**
CONSULTANT will be knowledgeable of and will comply with all applicable federal, state, county and city statutes, rules, regulations, ordinances and orders.

28. **WAIVER OF BREACH**
No delay or omission in the exercise of any right or remedy by a nondefaulting party on any default will impair the right or remedy or be construed as a waiver. A party's consent or approval of any act by the other party requiring the party's consent or approval will not be deemed to waive or render unnecessary the other party's consent to or approval of any subsequent act. Any waiver by either party of any default must be in writing and will not be a waiver of any other default concerning the same or any other provision of this Agreement.

29. **ATTORNEY'S FEES**
Except as provided for in Paragraph 15, in any dispute, litigation, arbitration, or other proceeding by which one party either seeks to enforce its rights under this Agreement (whether in contract, tort or both) or seeks a declaration of any rights or obligations under this Agreement, the prevailing party will be awarded reasonable attorney's fees, together with any costs and expenses, to resolve the dispute and to enforce any judgment.

30. **EXHIBITS**
All exhibits identified in this Agreement are incorporated into the Agreement by this reference.

31. **CONSULTANT'S AUTHORITY TO EXECUTE**
The person(s) executing this Agreement on behalf of the CONSULTANT warrant that (i) the CONSULTANT is duly organized and existing; (ii) they are duly authorized to execute this Agreement on behalf of the CONSULTANT; (iii) by so executing this Agreement, the CONSULTANT is formally bound to the provisions of this Agreement;

and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which the CONSULTANT is bound.

CITY OF TORRANCE
a Municipal Corporation

Dan Walker, Mayor

ATTEST:

Sue Herbers
City Clerk

APPROVED AS TO FORM:
JOHN L. FELLOWS III
City Attorney

By:

P & D Consultants
a Delaware Corporation

By:
John L. Kinley
President & CEO

Attachments: Exhibit A Scope of Services
Exhibit B Compensation Schedule

Revised: 1/30/01

EXHIBIT A

SCOPE OF SERVICES

The following Scope of Services describes the tasks the CONSULTANT will perform to produce the bid package for the security fencing and gates, security lighting, surveillance cameras and keycard system. Also included in the Scope is a description of the tasks necessary for Option 1, the wash rack relocation and Option 2, the airfield lighting conduits.

EXHIBIT B

COMPENSATION SCHEDULE

The following compensation schedule outlines the CONSULTANT'S hourly not-to-exceed fee for producing the bid package and bid support services for the security fencing and gates, security lighting, surveillance cameras and key card system. The maximum fee is $196,780.

The compensation schedule also includes the fees for Option 1, the wash rack relocation, and Option 2, the airfield conduits. The maximum fees are $12,400 and $25,300, respectively.

ATTACHMENT C

AMENDMENT TO AGREEMENT C2005-085

This Amendment to Agreement is made and entered into as of June 13 ,2006 by and between the City of Torrance, a municipal corporation ("CITY"), and P & D Consultants, a Delaware corporation ("CONSULTANT").

RECITALS:

A. CITY and CONSULTANT entered into an Agreement on May 17, 2005, whereby CONSULTANT agreed to provide consultant services to research, perform preliminary and final designs, prepare plans, specifications, and estimates for the Zamperini Field Security Project.

B. CITY wishes to have consultant perform additional services related to research, preliminary design and meetings and increase the not to exceed contract amount by $27,138 to cover such additional services.

C. Both parties wish to extend the term of the contract from the effective date of the contract through December 26, 2007.

C2005-085

AGREEMENT:

1. Paragraph 2 entitled "TERM" Is amended in its entirety to read as follows:

   "2. TERM

   Unless earlier terminated in accordance with paragraph 4 below, this Agreement will continue in full force from the Effective Date through December 26, 2007."

2. Paragraph 3.A, entitled "CONSULTANT's Fee," is amended to read in its entirety as follows:

   "3. COMPENSATION

   A. CONSULTANT's Fee

   For services rendered pursuant to this Agreement CONSULTANT will be paid in accordance with the Compensation Schedule attached hereto as Exhibit B-1, provided, however, that in no event will the total amount of money paid the CONSULTANT, for services contemplated by this Agreement, exceed the sum of $223,918 ("Agreement Sum"), unless otherwise first approved in writing by CITY."

ORIGINAL COPY

3. In all other respects, the Agreement dated May 17, 2005, between CITY and CONSULTANT is ratified and reaffirmed and is in full force and effect.

City of Torrance
a Municipal Corporation

By: _____
Dan Walker, Mayor

P & D Consultants
a Delaware Corporation

By: _____
John L. Kinely
President and CEO

ATTEST:

_____
Sue Herbers, City Clerk

APPROVED AS TO FORM:

JOHN L. FELLOWS III
City Attorney

By: _____
Deputy City Attorney

EXHIBIT B-1

COMPENSATION SCHEDULE

Zamperini Field Security Project - City of Torrance
Design Fee

Task #	Description	SPM $ 170	SSE $ 165	SEE $ 145	SCE $ 130	CE $ 105	CAD $ 85	WP $ 75	DMJM ILS Eng	Foresight [1]	AVS [1]	Total Fee
PHASE 1	**TOPOGRAPHIC SURVEYS**											
1 - 1	Research/Set Survey Control									$820	$0	$ 820
1 - 2	Provide Ground Surveys at 12 Veh. and 6 Ped. Gates									$5,040	$0	$ 5,040
1 - 3	Survey Fence Line									$5,040	$0	$ 5,040
1 - 4	Survey Parking Lot with low fence									$1,520	$0	$ 1,520
1 - 5	Survey Runway and ILS equipment									$1,640	$0	$ 1,640
1 - 6	Survey Wash Rack Area (1)									$0	$0	$ -
	Subtotal Phase 1	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$ -**	**$ 14,060**	**$ -**	**$ 14,060**
PHASE 2	**DATA RESEARCH AND PRELIMINARY DESIGN**											
	Review Records											
2 - 1	Kick-off meeting			1	3	1		1		$0	$420	$ 1,135
2 - 2	Review Records. Determine Available Power Sources			7	4	7				$0	$420	$ 2,690
2 - 3	Review Existing Engineering Reports & Airport Requirements			4		8				$0	$610	$ 2,030
2 - 4	Add Two Electrical Service Entrances. Issue SCE Service Requests			16						$0	$0	$ 2,320
2 - 5	Perform Electrical Load Calculations for Two New Service Entrances			16						$0	$0	$ 2,320
2 - 6	Send Utility Notices.			4						$0	$0	$ 580
2 - 7	Review NAVAIDS Data								$ 300	$0	$0	$ 300
2 - 8	Review Design Criteria vs. ILS equipment								$ 600	$0	$0	$ 600
	Fence Inspections & Recommendations											
2 - 9	Inspect Perimeter Fence, Gates and Hangar Lighting Areas			8	8	8				$0	$1,220	$ 4,260
2 - 10	Gate Layout Recommendations			8		16	16			$0	$0	$ 4,200
	Security Evaluation/ Study											
2 - 11	Design Meeting to Evaluate Security Needs				4	4				$0	$525	$ 1,465
2 - 12	Research Vendor Information for CCTV cameras, lighting, keycards...									$0	$1,500	$ 1,500
2 - 13	Arrange presentations by vendors to Staff (One presentation) (2)					8				$0	$630	$ 1,470
2 - 14	Present Findings and Recommendations to staff following vendor product research				4					$0	$420	$ 940
	Summary of Design Criteria											
2 - 15	Prepare Preliminary Design Summary			8	8	6	0	6		$0	$1,150	$ 4,430
2 - 16	Preliminary Construction Cost Estimate			2	4	7	6			$0	$525	$ 2,580
2 - 17	Submit Design Summary in Monthly Meeting				8					$0	$0	$ 1,040
	Subtotal Phase 2	**0**	**0**	**74**	**43**	**65**	**22**	**7**	**$ 900**	**$ -**	**$ 7,420**	**$ 33,860**
PHASE 3	**30% Design**											
3- 1	Format Airport Aerial Image based on Ground Survey					0				$0	$0	$ -
3- 2	Draw All Existing Airfield Edge Lights and Conduits in AutoCAD (3)				0	0	0			$0	$0	$ -
3- 3	Perimeter Fence Layout Plans				4	16	24			$0	$0	$ 4,240
3- 4	ILS Simulation				1				$ 5,025	$0	$0	$ 5,155
3- 5	ILS Drafting								$ 352	$0	$0	$ 352
3- 6	QAQC ILS analysis								$ 883	$0	$0	$ 883
3- 7	Present Findings and Recommendations to staff following ILS Simulation				6				$ 2,240	$0	$0	$ 3,020
3- 8	Security Device Plan and System Block Diagrams									$0	$3,610	$ 3,610
3- 9	Update Construction Cost Estimate			3	3	6	6			$0	$630	$ 2,595
3- 10	Update Design Schedule				4					$0	$0	$ 520
3- 11	QAQC	2			8					$0	$800	$ 2,180
3- 12	Design Meeting				4					$0	$840	$ 1,360

Zamperini Field Security Project - City of Torrance
Design Fee

Task #	Description	SPM $ 170	SSE $ 165	SEE $ 145	SCE $ 130	CE $ 105	CAD $ 85	WP $ 75	DMJM ILS Eng	Foresight [1]	AVS [1]	Total Fee
3- 13	30% P&E Submittal in Monthly Meeting (including invoice and project summary)				4					$0	$0	$ 520
	Subtotal Phase 3	**2**	**0**	**3**	**34**	**22**	**30**	**0**	**$ 8,500**	**$ -**	**$ 5,880**	**$ 24,435**
PHASE 4	**65% Design**											
4 - 1	Title Sheet			1	1	4	8			$0	$670	$ 2,045
4 - 2	Team Coordination Meeting			4	8	4	4			$0	$840	$ 3,220
4 - 3	Site Layout/Staging Area/Survey Cntrl/Abbrevtns					8	8			$0	$0	$ 1,520
4 - 4	Phasing Plans (4 sheets)				10		12			$0	$0	$ 2,320
4 - 5	Fence and Gate Plans (6 sheets)					16	16			$0	$0	$ 3,040
4 - 6	Fence and Gate Details (2 sheets)					8	16			$0	$0	$ 2,200
4 - 7	Interface with Retaining Wall at Parking Lot, Tennis Club (1 sheet)		8			8	12			$0	$0	$ 3,180
4 - 8	Gate Layout Details (4 sheets)					16	16			$0	$0	$ 3,040
4 - 9	Site Security Device Wiring Plans									$0	$2,140	$ 2,140
4 - 10	CCTV System Block Diagrams, Wiring Schematics and installation Details (1 sheet)									$0	$3,160	$ 3,160
4 - 11	Access Control System Block Diagrams, Wiring Schematics and installation Details (1 sheet)									$0	$2,140	$ 2,140
4 - 12	Signal Infrastructure Diagrams & Details (1 sheet)									$0	$2,650	$ 2,650
4 - 13	Security System Electrical Plans (4 sheets)			16	1		24			$0	$0	$ 4,490
4 - 14	Hangar Lighting Plans (2 sheets)			16	1		24			$0	$0	$ 4,490
4 - 15	Control Room Electrical Plan			6	1		12			$0	$0	$ 2,020
4 - 16	Electrical Details and Panel Schedule (2 sheets)			16	1		12			$0	$0	$ 3,470
4 - 17	Lighting Details and Logic Diagrams (2 sheets)			16	1		12			$0	$0	$ 3,470
4 - 18	Airfield Electrical Demolition Plans (2 sheets) (3)			0		0	0			$0	$0	$ -
4 - 19	Airfield Proposed Electrical Improvement Plans (10 sheets) (3)			0		0	0			$0	$0	$ -
4 - 20	Airfield Electrical Details (3)			0			0			$0	$0	$ -
4 - 21	Wash Rack Demolition and Paving Plan (1 sheet) (1)			0	0	0	0			$0	$0	$ -
4 - 22	Wash Rack Details (1)				0	0	0			$0	$0	$ -
4 - 23	First Draft of Technical Specifications			20	16			32		$0	$2,875	$ 10,255
4 - 24	Update Construction Cost Estimate				4	6				$0	$630	$ 1,780
4 - 25	Update Design Schedule				4					$0	$0	$ 520
4 - 26	QAQC	2			8					$0	$800	$ 2,180
4 - 27	Design Meeting				4	0				$0	$1,260	$ 1,780
4 - 28	65% PS&E Submittal in Monthly Meeting (including invoice and project summary)				4					$0	$0	$ 520
	Subtotal Phase 4	**2**	**8**	**95**	**64**	**70**	**176**	**32**	**$ -**	**$ -**	**$ 17,165**	**$ 65,630**
PHASE 5	**Final Design**											
5 - 1	Team Coordination Meeting			4	8	4	4			$0	$840	$ 3,220
5 - 2	Prepare Final Plans - Signed Mylars			10	10	20	20			$0	$3,960	$ 10,510
5 - 3	Prepare Final Technical Specs			16	16			20		$0	$2,950	$ 8,850
5 - 4	Assemble Specs Appendices Data (as needed: Standard Plans, FAA Advisory Circulars, Manufacturer data ... etc.)				8			8		$0	$720	$ 2,360
5 - 5	Prepare Final Estimate & Bid Schedules				3	6				$0	$630	$ 1,650
5 - 6	QAQC	4			6					$0	$1,200	$ 2,660
5 - 7	Design Meeting				4	0				$0	$840	$ 1,360

Zamperini Field Security Project - City of Torrance
Design Fee

Task #	Description	SPM $ 170	SSE $ 165	SEE $ 145	SCE $ 130	CE $ 105	CAD $ 85	WP $ 75	DMJM ILS Eng	Foresight [1]	AVS [1]	Total Fee
5 - 8	Final PS&E Submittal in Monthly Meeting (including invoice and project summary)				4					$0	$0	$ 520
	Subtotal Phase 5	**4**	**0**	**30**	**59**	**30**	**24**	**28**	**$ -**	**$ -**	**$ 11,140**	**$ 31,130**
PHASE 6	**Bid & Construction Administration Support Services (4)**											
6- 1	Attend Pre-Bid Conference				4					$0	$420	$ 940
6- 2	Review Bids	2		8	8			8		$0	$210	$ 3,350
6- 3	Respond to RFIs	2		20	20	4				$0	$840	$ 7,100
6- 4	Prepare Addenda for Revisions & Changes			8	8		24			$0	$840	$ 5,080
	Subtotal Phase 7	**4**	**0**	**36**	**40**	**4**	**24**	**8**	**$ -**	**$ -**	**$ 2,310**	**$ 16,470**
PHASE 7	**Other Meetings**											
7- 1	Monthly Meetings, other than Submittal Meetings (Assume 2 additional meetings)				16					$0	$0	$ 2,080
7- 2	Prepare For and Attend Public Meetings of Airport Commission or City Council (assume 2 meetings)				16	0	16			$0	$0	$ 3,440
	Subtotal Phase 8	**0**	**0**	**0**	**32**	**0**	**16**	**0**	**$ -**	**$ -**	**$ -**	**$ 5,520**

Other Direct Costs (ODCs)		**DMJM ODCs**	
Printing & reproduction - Plans	4 sets of 30%, 65%, Final & I set of repro ready plans (estir	$ 260.00	$ 2,760
Reproduction - Specs/ Reports	4 sets of 65%, 95%, Final & I set of repro ready of specs 8(	$ 5.00	$ 600
Travel	6 trips @ $60 (P&D) + 1 trip @1,100 (DMJM ILS)	$ 1,100.00	$ 1,460
Deliveries + Postal	Conceptual, 30%, 65%, Final	$ 100.00	$ 400
Phone	6 months at $75/month		$ 450
Total ODCs		$ 1,465.00	**$ 5,670**

	SPM	SSE	SEE	SCE	CE	CAD	WP	DMJM	Foresight	AVS	Total
Total Hours and Fee	**12**	**8**	**238**	**272**	**191**	**292**	**75**	**$ 10,865.00**	**$ 14,060**	**$ 43,915**	**$ 196,780**

Notes

1- Option 1, Wash Rack - **Fee removed from this table**
2- Includes up to 3 vendors
3- Option 2, Airfield Lighting Conduits - Fee removed from this table
4- Estimated hours. Actual hours will depend on requests received during construction.