Council Meeting of
April 8, 2008

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

**Members of the Council:**

**SUBJECT: Public Works - Award a Contract Services Agreement to Case Land Surveying, Inc. for Survey Services for the FY2007-08 Curb, Gutter and Sidewalk Replacement Program (Access Ramps), I-93 and Residential Street Rehabilitation, I-94. Expenditure: $96,000**

## RECOMMENDATION

Recommendation of the Public Works Director that City Council award a Contract Services Agreement in the amount of $96,000 to Case Land Surveying, Inc. to perform survey services for the FY 2007-08 Residential Curb, Gutter and Sidewalk Replacement, I-93 and the Residential Street Rehabilitation, I-94.

### Funding

Funding is available from the Residential Curb, Gutter and Sidewalk Replacement, I-93 and the Residential Street Rehabilitation, I-94.

## BACKGROUND AND ANALYSIS

The FY 2007-11 Residential Curb, Gutter & Sidewalk Replacement is a multi-year program included in the City's adopted FY 2007-11 Capital Budget as project I-93 ("I-93 Program"). The project provides for the replacement of damaged curbs, gutters and sidewalk; installation of curb ramps that are compliant with the Americans with Disabilities Act ("ADA"); and removal and replanting of parkway trees. Staff has completed the design for FY 2007-08 and construction will commence in May 2008.

The FY 2007-11 Residential Street Rehabilitation is a multi-year program included in the City's adopted FY 2007-11 Capital Budget as project I-94 ("I-94 Program"). The project provides for the rehabilitation of residential streets (pavement rehabilitation, etc.), as well as the replacement of damaged curbs, gutters and sidewalk; installation of curb ramps; and removal and replanting of parkway trees on those same streets. Staff currently is preparing the design plans and specifications.

**Contract Services Agreement: Case Land Surveying, Inc.**

As required in the past, construction of the I-93 Program in FY 2007-08 also requires survey services to identify, protect and reestablish survey monuments and

centerlines. Design and construction of the I-94 Program also requires similar survey services. To simplify project management and for cost effectiveness, it is desired to utilize one surveyor for both projects. Case Land Surveying, Inc. proposes to perform survey services for a total amount of $96,000 for both projects. Case Land Surveying, Inc. has successfully performed similar services for the City of Torrance and to other local public agencies. The proposed Contract Services Agreement (Attachment A) will provide the required survey services for both the I-93 and I-94 Programs.

It is anticipated that construction of the I-93 Program will commence in May 2008 and be completed by August 2008. It is anticipated that design of the I-94 Program will be completed in summer 2008.

Respectfully submitted,

ROBERT J. BESTE
Public Works Director

By Craig Bilezerian
Engineering Manager

CONCUR:

Robert J. Beste
Public Works Director

LeRoy J. Jackson
City Manager

Attachment: A. Contract Services Agreement, Case Land Surveying, Inc.

# CONTRACT SERVICES AGREEMENT

This CONTRACT SERVICES AGREEMENT ("Agreement") is made and entered into as of _____ (the "Effective Date"), by and between the CITY OF TORRANCE, a municipal corporation ("CITY"), and Case Land Surveying, Inc., a California corporation ("CONTRACTOR").

**RECITALS:**

A. CITY wishes to retain the services of an experienced and qualified CONTRACTOR to provide surveying services for the Residential Curb, Gutter and Sidewalk Replacement, I-93 (FY2007-08) and the Residential Street Rehabilitation, I-94.

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

**AGREEMENT:**

1. **SERVICES TO BE PERFORMED BY CONTRACTOR**
CONTRACTOR will provide the services listed in the Scope of Services and Compensation Schedule attached as Exhibit A. CONTRACTOR warrants that all work and services set forth in the Scope of Services and Compensation Schedule 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 December 31, 2009.

3. **COMPENSATION**
A. CONTRACTOR's Fee.

For services rendered pursuant to this Agreement, CONTRACTOR will be paid in accordance with the Scope of Services and Compensation Schedule attached as Exhibit A, provided, however, that in no event will the total amount of money paid the CONTRACTOR, for services initially contemplated by this Agreement, exceed the sum of $ 96,000 ("Agreement Sum"), unless otherwise first approved in writing by CITY.

B. Schedule of Payment.

Provided that the CONTRACTOR is not in default under the terms of this Agreement, upon presentation of an invoice, CONTRACTOR will be paid 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 invoice.

## 4. TERMINATION OF AGREEMENT

A. Termination by CITY for Convenience.

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, CONTRACTOR 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, CONTRACTOR 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 CONTRACTOR, the CITY may, at the expense of the CONTRACTOR 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 CONTRACTOR under the terms of this Agreement will be retained by the CITY, but the retention will not release the CONTRACTOR and its surety from liability for the default. Under these circumstances, however, the CONTRACTOR 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 CONTRACTOR 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 CONTRACTOR 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 CONTRACTOR'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 CONTRACTOR 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

CONTRACTOR authorizes CITY to deduct from any amount payable to CONTRACTOR (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 CONTRACTOR's acts or omissions in performing or failing to perform CONTRACTOR'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 CONTRACTOR, 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 CONTRACTOR to insure, indemnify, and protect CITY as elsewhere provided in this Agreement.

7. **CITY REPRESENTATIVE**

The Public Works Director 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 CONTRACTOR.

8. **CONTRACTOR REPRESENTATIVE(S)**

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

Larry V. Case, President

9. **INDEPENDENT CONTRACTOR**

The CONTRACTOR 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 CONTRACTOR or any of the CONTRACTOR's employees, except as otherwise set forth in this Agreement. The CONTRACTOR 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 CONTRACTOR must obtain a City business license prior to the start of work under this Agreement, unless CONTRACTOR is qualified for an exemption.

11. **OTHER LICENSES AND PERMITS**
CONTRACTOR 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, CONTRACTOR warrants that CONTRACTOR (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, CONTRACTOR warrants that CONTRACTOR 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 CONTRACTOR discover any latent or unknown conditions that will materially affect the performance of the services set forth in this Agreement, CONTRACTOR must immediately inform CITY of that fact and may not proceed except at CONTRACTOR's risk until written instructions are received from CITY.

13. **CARE OF WORK**
CONTRACTOR 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. **CONTRACTOR'S ACCOUNTING RECORDS; OTHER PROJECT RECORDS**
Records of the CONTRACTOR's time pertaining to the project, and records of accounts between CITY and the CONTRACTOR, will be kept on a generally recognized accounting basis. CONTRACTOR 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. CONTRACTOR will maintain these records for three years after final payment.

15. **INDEMNIFICATION**
CONTRACTOR will indemnify, defend, 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 however the same may be

caused and regardless of the responsibility for negligence. The obligation to indemnify, defend 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 CONTRACTOR, its officers, employees, agents, subcontractors or vendors. It is further agreed, CONTRACTOR's obligations to indemnify, defend and hold harmless will apply 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 solely 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. In the event of any dispute between CONTRACTOR and CITY, as to whether liability arises from the sole negligence of the CITY or its officers, employees, agents, subcontractors or vendors, CONTRACTOR will be obligated to pay for CITY's defense until such time as a final judgment has been entered adjudicating the CITY as solely negligent. CONTRACTOR will not be entitled in the event of such a determination to any reimbursement of defense costs including but not limited to attorney's fees, expert fees and costs of litigation.

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

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

**17. INSURANCE**

A. CONTRACTOR and its subcontractors 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, $500,000 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. Workers' Compensation with limits as required by the State of California and Employer's Liability with limits of at least $1,000,000.

B. The insurance provided by CONTRACTOR 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. CONTRACTOR must provide certificates of insurance and/or endorsements indicating appropriate coverage, 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**

Insurance required by this Agreement will be satisfactory only if issued by companies admitted 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 CONTRACTOR 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 CONTRACTOR 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:

| | |
|---|---|
| CONTRACTOR | Case Land Surveying, Inc.<br>614 N. Eckhoff Street<br>Orange, CA 92868<br><br>Fax: (714) 628-8905 |
| CITY: | City Clerk<br>City of Torrance<br>3031 Torrance Boulevard<br>Torrance, CA 90509-2970<br>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 CONTRACTOR without the prior written consent of the other.

**22. INTEGRATION; AMENDMENT**

This Agreement represents the entire understanding of CITY and CONTRACTOR 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**
CONTRACTOR 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. **CONTRACTOR'S AUTHORITY TO EXECUTE**
The persons executing this Agreement on behalf of the CONTRACTOR warrant that (i) the CONTRACTOR is duly organized and existing; (ii) they are duly authorized to execute this Agreement on behalf of the CONTRACTOR; (iii) by so executing this Agreement, the CONTRACTOR 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 CONTRACTOR is bound.

CITY OF TORRANCE
a Municipal Corporation

_____
Frank Scotto, Mayor

ATTEST:

_____
Sue Herbers
City Clerk

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

By:_____

Case Land Surveying, Inc.
a California Corporation

By:_____
Larry V. Case
President

Attachments: Exhibit A Scope of Services and Compensation Schedule

Revised: 1/30/01

# EXHIBIT A

## SCOPE OF SERVICES AND COMPENSATION SCHEDULE

*Case Land Surveying, Inc.*

*Surveying * Mapping * GPS Services*

*Larry V. Case, P.L.S.* *License # L5411*

**PROPOSAL TO PROVIDE SURVEY SERVICES FOR THE CITY OF TORRANCE CAPITAL PROJECTS**
**2008 CURB, GUTTER & SIDEWALK PROGRAM –ACCESS RAMPS (I-93)**
**RESIDENTIAL REHABILITATION PROGRAM (I-94)**
**MARCH 19, 2008**

TASK I – DETERMINE LIMITS OF CURB & GUTTER REMOVAL AND REPLACEMNT (2-MAN CREW)

APPROXIMATELY 200 HOURS @ $185.00 PER HR.....$ 37,000.00

TASK II– CONSTRUCTION STAKING (2-MAN CREW)
APPROXIMATELY 200 HOURS @ $185.00 PER HR.....$ 37,000.00

TASK III – PRESERVATION OF SURVEY MONUMENTS
APPROXIMATELY 110 MONUMENTS @ $200.00 EACH.....$ 22,000.00

TOTAL.....$ 96,000.00

Per our union agreement, standard hourly rate will be billed in segments of 4, 6 or 8 hours and includes time from portal to portal. Also, per union agreement, Saturday hours are billed as 1 ½ times the standard hourly rate and Sunday hours are billed at 2 times the standard hourly rates. Any day for which a crew is dispatched, will have a minimum of four hours billed.

*614 N. Eckhoff Street Orange, CA 92868 (714)628-8948 fax (714)628-8905*
*E-mail address: clsi@caselandsurveying.com*

# Case Land Surveying, Inc.

*Surveying * Mapping * GPS Services*

*Larry V. Case, P.L.S.* *License # L5411*


RECEIVED
MAR 21 2008
Public Works Department

## PROPOSAL TO PROVIDE SURVEY SERVICES FOR THE CITY OF TORRANCE CAPITAL PROJECTS
## 2008 CURB, GUTTER & SIDEWALK PROGRAM –ACCESS RAMPS (I-93)
## RESIDENTIAL REHABILITATION PROGRAM (I-94)
## MARCH 19, 2008

Case Land Surveying, Inc. is a professional surveying and mapping firm. The principals and employees understand the importance of assisting their clients in completing their projects within the scheduled timetable and within budget.

A three-generation, family owned business, Case Land Surveying was incorporated in 1986 under the direction of Larry Case, President. The Case family of surveyors has provided continuous service to its clients for over 60 years. Serving the greater Southern California area, our firm has established a reputation for solid professionalism, technical excellence, innovative solutions and most importantly, an unwavering commitment to service. During our extensive years of service, Case Land has undertaken a broad range of commercial, residential and industrial projects in both the public and private sector.

Case Land Surveying, Inc. is dedicated to providing decisive, personalized service and is committed to being accessible, responding promptly and achieving satisfying results as expeditiously as possible.

Larry V. Case, President

Education
Cal State University Pomona
Santa Ana Junior College
Pasadena City College
Operating Engineers & Land Surveyors Apprentice Program

Experience
Larry Case is a Licensed Surveyor with over 30 years experience in surveying, He is considered an authority in his field and qualifies as an expert witness. Larry is responsible for the daily surveying and mapping operations in both the field and office and manages numerous projects. Considered a "hands-on" project manager, he maintains a close relationship and easy accessibility with his clients and as a result, Larry has a comprehensive understanding of his clients' needs.

Steve Anderson, Survey Manager

Steve has a B.S. Degree in Civil Engineering and is both a licensed Civil Engineer and a Licensed Surveyor in the state of Kansas with thirty-one years experience in construction and survey management.

*614 N. Eckhoff Street Orange, CA 92868 (714)628-8948 fax (714)628-8905*
*E-mail address: clsi@caselandsurveying.com*

Survey Teams

We currently have 7 survey teams available. Each 2-man team consists of a Party Chief and a Chainman at a rate of $185.00 per hour. Our crews use state-of-the-art equipment, computers and technology, including electronic distance measuring equipment, robotic technology equipment, GPS technology equipment and comprehensive survey calculating software. Equipment to be used on this project will consist of the Nikon DTM 352 Total Station and a TDS Data Collector. Any electronic data requested by the City will be provided in Autocad 2004 format.

The primary survey team for this project will be:

| | | |
|---|---|---|
| Party Chief: | Keith Vaughn | 25 years experience |
| Chainman: | Tim Bates | 31 years experience |

To accommodate "quick response" tasks or in the event that one or both of the primary surveyors are unavailable due to time away from work, the company reserves the right to use another survey team.

Lead Time

A minimum of one week notification is requested to obtain surveying services. However, if a quick response task or an emergency arises, we will give special consideration to your requests. Requests for survey services should be submitted in writing and directed to the attention of Karen York.

Invoicing

Invoicing shall be done monthly and shall be billed for the actual survey hours incurred or the minimum hours per day and for the actual number of monuments tied, re-established and recorded. Invoices for preservation of survey monuments shall be further broken down as follows:

| | |
|---|---|
| Identification and Preliminary Tie-out of Monuments ..... | 35% |
| Re-establishment or relocation of Monuments or Ties..... | 45% |
| Filing and Recordation of Surveys..... | 20% |

Company Information

Case Land Surveying, Inc.
614 N. Eckhoff Street
Orange, CA 92868

Larry Case (562)833-8094
Keith Vaughn (714)349-7039

Phone: (714)628-8948
Fax: (714)628-8905
Email address: clsi@caselandsurveying.com

Torrance Business License #: BUS 0090433