part of a regularly scheduled community meeting. ENGINEER will prepare and setup display boards and create PowerPoint presentations for meetings. If necessary, OUTREACH CONSULTANT will provide projectors, screens and audiovisual equipment for the presentations. Spanish translation of handout materials will be prepared OUTREACH CONSULTANT. Minutes and notes of questions and comments related to the project presentation will be prepared by ENGINEER. Since these meetings are held as part of a regularly scheduled community meeting, it is assumed that arrangements for meeting venues will be made by others.

- 3. Website, Social Media, and Informational Materials OUTREACH CONSULTANT will provide project information and progress updates for COUNTY website. Provide information to COUNTY PROJECT MANAGER for use by Supervisor's office for dissemination to the affected community and to post on the Supervisor's website.
- 4. Public Outreach Services Not Included Public outreach efforts in the timeframe immediately prior to start of construction are not included in this work scope. It is assumed that the public outreach efforts associated with the construction phase of the project will be contracted under a separate contract with the selected Construction Management firm for the project.

J. SPECIAL PROVISIONS AND SPECIFICATIONS

ENGINEER will review COUNTY boilerplate special provisions and provide revisions as necessary. Any special provisions not in the COUNTY's boilerplate special provisions will be prepared by ENGINEER following COUNTY formatting. Special Provisions will include any special traffic handling requirements as identified in Staging Plans. ENGINEER will sign the coversheet of the specifications package.

K. FINAL ENGINEER'S ESTIMATE PREPARATION

ENGINEER will perform a quality control review of the quantity calculations through the preparation of an independent quantity estimate by ENGINEER staff not associated with the project and not in collaboration with the ENGINEER's key project personnel. ENGINEER will use COUNTY standard spreadsheet format and COUNTY standard units of measurements. ENGINEER will submit quantity calculations and estimates from

Engineering Services Agreement • Scope of Services

ENGINEER's project personnel and independent quantity estimator. Quantity differences in excess of 5% will be identified.

L. UTILITIES COORDINATION

ENGINEER shall send preliminary design plans through COUNTY staff to owning utility companies within the project limits with requests for review and comments on the plans relevant to their respective facilities, and with requests for other project specific information.

If it is necessary to pothole existing utilities at critical locations, ENGINEER shall coordinate with COUNTY

staff to arrange with the respective utility owner to pothole its facility (at utility owner or COUNTY cost).

ENGINEER shall prepare potholing exhibits as needed to adequately locate underground utilities.

ENGINEER shall coordinate the use of field survey crews to locate potholed utilities by coordinates and

elevations based on the project's survey controls. ENGINEER shall evaluate the potholing data, and shall

include the information on the utility plans in table format, with numbered or letter references to the location of

the location of the potholes. ENGINEER shall determine whether or not the facilities are in conflict, and the

limits of the conflict, both of which shall be shown on the utility plans with construction notes

Known utility conflicts shall be shown on the plans with construction notes indicating action to be taken and by whom. Inventory numbers of poles, vaults and other surface facilities shall be shown on the plans for those facilities that have such numbers attached to the facility and as provided on the owner's inventory maps.

ENGINEER shall monitor responses of utility notices received and make recommendations for mitigating conflicts. ENGINEER shall provide written responses to utility companies with regard to stated concerns and conduct design coordination meetings with utility companies as needed. Unresolved issues shall be brought to the attention of the COUNTY PROJECT MANAGER and COUNTY utility coordination staff as early as practical. Utility conflict issues shall be resolved prior to the completion of the final design plans as follows:

ENGINEER, through COUNTY staff, shall request and obtain a written acknowledgement of any

cases.

 Reasonable efforts shall be taken to accommodate utility company requests for minor design changes to accommodate their facilities. ENGINEER understands that the utility companies are generally operating within the COUNTY right-of-way, but may have prior rights to that of the COUNTY in some

conflicts from the respective utility owners.

ENGINEER shall coordinate inclusion of special provisions in COUNTY's bid documents for
adjustments and relocations of utility facilities as alternate bid items, if requested by the owning utility.
 Said work may require that cooperative agreements be prepared by COUNTY between the COUNTY of
Riverside and the owning utility companies. Engineer shall provide information and exhibits as required
to support the preparation of cooperative agreements, if needed.

ENGINEER shall conduct utility coordination meetings, as needed, regarding adjustments and relocations, to resolve conflict issues, and with respect to performing work for utility companies by COUNTY contractors.

For utility conflicts that require relocating, COUNTY staff will submit the official notice / order to the utility companies to relocate conflicting facilities.

ENGINEER shall make recommendations for special provision language with regard to utility issues, recommendations for construction windows of time for utility relocation activities, recommendations for inclusion of utility bid items, etc.

M. GEOTECHNICAL REVIEW

In the final engineering phase, GEOTECHNICAL CONSULTANT will revise analyses and report prepared in the preliminary engineering phase as needed. It is assumed that no additional field exploration or laboratory testing will be required for this phase. GEOTECHNICAL CONSULTANT will review project plans and

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specifications and provide consultation when requested. If the geotechnical report is revised, a supplementary geotechnical memo with the revised data and findings will be submitted.

N. ENVIRONMENTAL PS&E ASSISTANCE

ENGINEER will submit plans and specifications to COUNTY's Environmental Consultant to confirm that the necessary environmental commitments are incorporated into the final plans and specifications.

O. RIGHT OF WAY ENGINEERING

- 1. Right-of-Way Requirements Map. The Right-of-Way Requirements Map(s) will be finalized to identify the parcels needed for right-of-way acquisitions, permanent easements, temporary construction easements, and rights-of-entry. The map will be utilized by the COUNTY Surveyor and COUNTY Right-of-way Agent to prepare the documents necessary to obtain the required rights. The map will be utilized for tracking acquisitions and will be updated by ENGINEER regularly as requested by the COUNTY PROJECT MANAGER. Plan size may be custom. Scale will be sufficient to provide the information required: APN, property address, owner name, acquisition dimensions, and square footage.
- 2. Legal Descriptions and Plat Maps Optional Task. SURVEY CONSULTANT will prepare legal descriptions and plat maps to support the acquisition of right-of-way and permanent easements. The metes and bounds legal descriptions or strip descriptions will be accompanied by a plat map that will be recorded with the description. All documents will be prepared by or under the direct supervision of a licensed land surveyor. It is assumed that COUNTY will furnish preliminary title reports to ENGINEER for preparation of the legal descriptions. COUNTY Survey Department staff will furnish landnet base line CAD files to ENGINEER.
- Survey records from City, COUNTY, State, and others will provided by COUNTY survey upon request. Review preliminary title reports of affected parcels. Legal descriptions will be prepared with guidance from the approved Right-of-Way Requirements Exhibit and will be checked by COUNTY survey staff.

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For the purposes of this proposal, twenty-one (21) locations have been identified and included as needing legal descriptions for right-of-way acquisition (road easements) and other permanent easements (such as storm drains, utilities, slope). 2 legal descriptions and plats per location or 42 legal descriptions and plats total are assumed to be included in this proposal. Size of documents shall be 8.5" x 11".

3. TCE and ROE Exhibits. Temporary construction easements (TCE) and rights of entry (ROE) will not require the preparation of legal description and plat maps. Instead, each TCE/ROE will require the preparation of an exhibit by the ENGINEER showing the dimensions of the location needing access and a list of general statements regarding the proposed construction work to be done on the property. A TCE/ROE exhibit may be required for the same parcel that require a R/W acquisition legal and plat. For the purposes of this proposal21 locations have been identified and included as needing exhibits for TCE/ROEs. Exhibit sizes shall be 8.5" x 11".

P. COORDINATION WITH COUNTY TRAFFIC

The COUNTY will be providing final engineering design of traffic signals, signing and striping for the project. ENGINEER will coordinate with the COUNTY Traffic Engineering Department to assure consistency of designs for the project. ENGINEER will provide design CADD files (MicroStation format) to COUNTY Traffic Engineering for the roadway, drainage, and utility plans. When ENGINEER's design plans are updated, the updated plans will be sent to COUNTY Traffic Engineering. When COUNTY Traffic Engineering's design plans are updated, the updated plans will be sent to ENGINEER.

ENGINEER will review traffic signal plans for conflicts with storm drain, utility, driveways, or other features. ENGINEER will notify COUNTY Traffic Engineering of any conflicts and coordinate to resolve conflicts. The completed traffic signal plans, specifications and estimates will be incorporated into the final PS&E package.

ENGINEER will review signing and striping plans for consistency with the road improvement plans. The completed signing and striping plans, specifications and estimates will be incorporated into the final PS&E

package.

In the event that COUNTY Traffic Engineering staff opts to have ENGINEER design the traffic signal, signing, and striping plans, these services are shown below as optional services.

Q. OPTIONAL DESIGN SERVICE - TRAFFIC SIGNAL MODIFICATION PLANS

The existing traffic signals will be evaluated to determine their adequacy for the new lane configurations. The reviews will include the number of signal heads, their placement in line with the new four lane configuration, and the ability to withstand the current wind loading standards. Poles and facilities will be reviewed against the proposed street improvements and will be relocated to accommodate the proposed street improvements.

ENGINEER will prepare traffic signal modification plans for the following intersections:

Temescal Canyon Road/- Dos Lagos

The plans will include existing and proposed traffic signal poles, mast arms, safety lighting, vehicle signal and pedestrian head modifications to conform to the proposed roadway widening per the current COUNTY/State Standards, APS standards, and based on the Manual on Uniform Traffic Control Devices (MUTCD) and the California Supplement. The completed traffic signal facilities and pedestrian crossing facilities at the ultimate locations will meet current COUNTY Standards and ADA requirements and will be consistent with the ultimate intersection lane configurations. The modification of the traffic signal will also include replacement of detector loops, video detection, extension of conduits, wires, cables, pullboxes, traffic signal equipment, push buttons, street name signs, service equipment, controller equipment, enclosures, electrical feed, luminaires, and mast arm signs, as well as, the necessary construction notes, schedules, phasing diagram, and details. ENGINEER will coordinate with the traffic signal design with the COUNTY.

This optional service will be performed only if authorized by COUNTY.

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R. SIGNING AND STRIPING PLANS - OPTIONAL TASK

ENGINEER will field check and prepare existing signs inventory along Temescal Canyon Road and the intersecting streets within the project limits. Existing signs and striping will be modified as required for the proposed Temescal Canyon Road roadway improvements. ENGINEER will prepare traffic Signs and Striping Plans in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) and the California Supplement. The plans will be prepared in conformance with the COUNTY requirements.

This optional service will be performed only if authorized in writing by COUNTY.

S. **SUMMARY OF DELIVERABLES**

The following is a summary of deliverables to be prepared by the ENGINEER.

- Drainage Report
- Water Quality Document per TPG
- Right-of-Way Requirements Map
- Final Engineering Plans
 - Signing and Striping Plans (if authorized by COUNTY)
 - Signal Modification Plans (if authorized by COUNTY)
- Special Provisions with Signed Spec Coversheet
- Engineer's Estimate
- CADD Files on CD
- Legal Descriptions and TCE & ROE Exhibits (if authorized by COUNTY)
- Fiber Optic Plans
- Construction Staging Plans (If authorized by COUNTY)
- **Updated Geotechnical Report**

PHASE III: BID AND CONSTRUCTION SUPPORT

- 1. Bidding procedures will be the responsibility of COUNTY. While the PROJECT is being advertised for bids, all questions concerning the intent shall be referred to COUNTY for resolution. In the event that the items requiring interpretation in the drawings or specifications are discovered during the bidding period, said items will be analyzed by the ENGINEER for decision by COUNTY as to the proper procedure required. Corrective action taken will either be in the form of an addendum prepared by the ENGINEER and issued by COUNTY or by covering change order after the award of the construction contract.
- ENGINEER will review and take appropriate action upon client supplied Requests for Information (RFI's), Requests for Change (RFC's). The reviews and actions will be for conformance with the design concept of the Project and with appropriate construction specifications and details.
- ENGINEER will provide adjustments and revisions to design based upon unanticipated and/or unknown field conditions encountered during the course of construction.
- 4. ENGINEER will be available to visit to the jobsite for on-site review of construction and other visits to the jobsite as requested by the COUNTY to resolve any discrepancies in the contract documents. ENGINEER shall bring to the attention of the COUNTY Resident Engineer any defects or deficiencies in the work by the construction contractor which the ENGINEER may observe. ENGINEER shall have no authority to issue instructions on behalf of the COUNTY or to deputize another to do so. All agreements shall be between the COUNTY and its construction contractor. These provisions shall not be construed as making the ENGINEER responsible for failure of the construction contractor to carry out the work in accordance with the contract documents nor the construction means or methods or techniques, sequences, procedures or safety programs in connection with the work.
- ENGINEER shall assist with the resolution of utility related issues that may arise during the bidding process and during construction, including design modifications as needed and as approved by the COUNTY PROJECT MANAGER.
- 6. ENGINEER will prepare and deliver to the COUNTY the "As-Built" plans within two months of ENGINEER's receipt of red-line "as-built" drawings from construction contractor or COUNTY. Plans

requiring as-builts include Roadway Design Plans, Fiber Optic Plans, Traffic Signal Modification Plans (optional task), and Signing and Striping Plans (optional task).

For purposes of this proposal, 120 man-hours have been assumed for bid and construction support, not including as-built plan preparation.

ARTICLE A-IV • PROJECT COORDINATION, MEETINGS AND PRESENTATIONS

ENGINEER will update the COUNTY on the progress to date, work to be accomplished in the next period, and potential problems of a technical nature or forecasted budget/schedule adjustment requirement.

ARTICLE A-V • COUNTY FURNISHED MATERIALS / ELEMENTS OF WORK

The COUNTY will be responsible for the following:

- Topographic survey and mapping.
- Traffic Signal Plans and Signing & Striping Plans (unless COUNTY authorizes ENGINEER to perform this optional work)
- Legal description and plat map preparation unless COUNTY authorizes ENGINEER to perform this
 optional work)
- Title Reports.
- Utility Relocation Agreements.
- No-Fee Permits
- Right-of-way, rights of entry, and easement acquisition.
- Contact with property owners for the execution of all documents related to right-of-way, rights of entry, and easement acquisition.
- Plans, studies, as-builts and other documents readily available to the COUNTY that would assist the ENGINEER with preparation of the Plans, Specifications, and Estimates.

APPENDIX B • ARTICLE BI • INTRODUCTION

The Engineer shall perform the covenants set forth in Appendix A, Scope of Services in accordance with the performance requirements of Article V of this agreement and with the following Schedule of Services. All Covenants set forth in this agreement shall be completed by December 31, 2021, unless extended by supplemental agreement.

A. PHASES

The Schedule is divided into the following three phases:

Phase I - Preliminary Engineering

Phase II - Final Engineering (Plans, Specifications and Estimates)

Phase III - Bid and Construction Support

Satisfactory performance and completion of the Services under this Agreement shall be compensated based upon actual costs plus a fixed fee. COUNTY will reimburse ENGINEER for actual costs (including labor costs, overhead, and other direct costs) incurred by ENGINEER in performance of the work, exclusive of any fixed fee. A prorata portion of ENGINEER's fixed fee shall be included in the progress payments. Actual costs shall not exceed the estimated costs without prior written agreement between COUNTY and ENGINEER.

APPENDIX C • ARTICLE CI • ELEMENTS OF COMPENSATION

Compensation for the Services will be comprised of the following elements: DIRECT LABOR COSTS, FEES, OTHER DIRECT COSTS and OUTSIDE SERVICES.

A. DIRECT LABOR COSTS

Direct Labor costs shall be paid in an amount equal to the Direct Salary Costs plus the product of the Direct Salary Costs and the Multiplier which are defined as follows:

1. Direct Salary Costs

Direct Salary Costs are the base salaries and wages actually paid to the ENGINEER's personnel directly engaged in performance of the Services under the Agreement. Salary rates for specific employees shall be provided on the Fee Proposal Worksheets included in ARTICLE CV • COST PROPOSAL. All Salary rates shall be in effect for three years following the effective date of the Agreement. Thereafter, ENGINEER may request adjustments to individual rates on an annual basis. ENGINEER shall notify COUNTY in writing requesting a change in the rates included herein. All adjustments to rates shall be subject to approval by the County Director of Transportation, or his designee.

2. Multiplier

The Multiplier to be applied to the Direct Salary Costs to determine the Direct Labor Costs is the sum of the following components:

The decimal ratio of Payroll Additives to Direct Salary Costs. Payroll Additives include all employee benefits, allowances for vacation, sick leave, and holidays, and company portion of employee insurance and social and retirement benefits, all federal and state payroll taxes, premiums for insurance which are measured by payroll costs, and other contributions and benefits imposed by applicable laws and regulations.

OVERHEAD COSTS.......180.00%

A. PREMIUM OVERTIME

The decimal ratio of allowable Overhead Costs to ENGINEER firm's total direct salary costs. Allowable Overhead Costs include general, administrative and overhead costs of maintaining and operating established offices, and consistent with established firm policies, and as defined in the Federal

TOTAL MULTIPLIER...... 180.00%

(sum of Payroll Additives and Overhead Costs)

Acquisitions Regulations, Part 31.2.

B. FIXED FEE

- 1. The Total Fixed Fee payable to the ENGINEER is \$46,465.85 (PRIME CONSULTANT Profit)
- 2. A pro-rata share of the Fixed Fee shall be applied to the total Direct Labor Costs expended for services each month, and shall be included on each monthly invoice.

C. OTHER DIRECT EXPENSES

Additional Direct Costs, directly identifiable to the performance of the services of this Agreement, shall be reimbursed at the rates below, or at actual invoiced cost.

Rates for identified Additional Direct Costs are as follows:

Item	Rate	Unit
Printing and Reproduction	\$5,000.00	EACH
Pothole (up to 30 holes)	\$24,000.00	EACH
Travel Mileage	\$870.00	MILE

Travel by air and travel in excess of 100 miles from ENGINEER's office nearest to COUNTY's office must have COUNTY's prior written approval to be reimbursed under this Agreement.

D. OUTSIDE SERVICES

Outside services shall be paid in accordance with the cost proposals submitted by each Subconsultant. Billings for Outside Services shall be submitted along with the Prime Consultant's monthly Progress Report/Billing submittals and shall be in conformance with the COUNTY Engineering Services Invoicing Procedures.

ARTICLE CII • DIRECT SALARY RATES

Direct Salary Rates, which are the range of hourly rates to be used in determining Direct Salary Costs, are given below and are subject to the following:

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28 29 Direct Salary Rates shall be applicable to both straight time and overtime work, unless payment of a premium for overtime work is required by law, regulation or craft agreement, or is otherwise specified in this Agreement. In such event, the premium portion of Direct Salary Costs will not be subject to the Multiplier.

B. SALARY RATES

All Salary rates shall be in effect for three years following the effective date of the Agreement. Thereafter, ENGINEER may request adjustments to individual rates on an annual basis. ENGINEER shall notify COUNTY in writing requesting a change in the rates included herein. All adjustments to rates shall be subject to approval by the County Director of Transportation, or his designee.

POSITION OR CLASSIFICATION MAXIMUM HOURLY RATES

Project Manager	\$72.02 / ho	our
Structure Lead	\$86.04 / hc	our
Project Engineer A	\$62.92 / ho	our
Project Engineer B	\$57.50 / ho	our
Engineer III A	\$61.82 / hc	our
Engineer III B	\$52.99 / ho	our
Engineer II A	\$44.71 / hc	our
Engineer II B	\$40.00 / ho	our
Senior CADD	\$45.53 / ho	our
Assistant Engineer	\$31.46 / ho	our

The above rates are for ENGINEER only. All rates for subconsultants to ENGINEER will be in accordance with the subconsultants cost proposal.

ARTICLE CIII • INVOICING

ENGINEER shall submit invoices in accordance with the Engineering Services Agreement ARTICLE VI • COMPENSATION and with the following requirements.

- 1. Charges shall be billed in accordance with the terms and rates included herein, unless otherwise agreed in writing by the County Contract Administrator.
- Base Work and Extra Work shall be charged separately, and the charges for each Phase listed in Appendix B, Schedule of Services, shall be listed separately. The charges for each individual assigned under this Agreement shall be listed separately.

- 3. Charges of \$500.00 or more for any one item of Additional Direct Costs shall be accompanied by substantiating documentation such as invoices, telephone logs, etc.
- 4. Each invoice shall indicate payments to DBE subconsultants or supplies by dollar amount and as a percentage of the total invoice and shall state the DBE goals as a percentage of Total Agreement Value.
- 5. Each invoice shall bear a certification signed by the Engineering Contract Manager or an officer of the firm which reads as follows:

I hereby certify that the hours and salary rates charged in this invoice are the actual hours and rates worked and paid to the employees listed.

ARTICLE CIV • PAYMENT

Progress payments shall be made in accordance with the Engineering Services, Agreement ARTICLE VI • COMPENSATIONS.

ARTICLE CV • COST PROPOSAL

The following cost proposal reflects the negotiated targeted contract amount. The cost proposal will serve as a guideline and reference document during the execution of this contract. ENGINEER shall be compensated in accordance with the rates provided. The total amount of the contract is not to exceed \$754,317.59 including a \$0.00 contingency. Reimbursement is to be made at actual cost plus fixed fee; however, billing shall not exceed the rates provided in Section B above or the rates provided in the attached Fee Proposal Worksheets below. Written approval from the COUNTY PROJECT MANAGER is required to expend any contingency funds.

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FEE PROPOSAL WORKSHEET	Market Tolkin Control	
COMPANY:	SCOPE OF WORK:	PHASE:
NCM Engineering	Project Summary	All Phases
		gamental and the second
PROJECT:		DATE:

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
Project Manager	Project Manager	402	@	\$72.02	\$28,952.04
Mohan Char	Structure Lead	174	@	\$86.04	\$14,970.96
Albert Pan	Project Engineer	574	@	\$57.50	\$33,005.00
Mark Stiller	Engineer III	120	@	\$52.99	\$6,358.80
Youichi Nakagawa	Engineer II	724	@	\$44.71	\$32,370.04
Alma Carrillo	Engineer II	556	@	\$40.00 \$45.53	\$22,240.00
Ray Andresek Mark Gonzalez	Senior CADD Project Engineer	100	@	\$62.92	\$6,292.00
Samantha Cadena	Assistant Engineer			\$31.46	46,202,00 4688,1 4884
Kimberly Gee	Engineer II			\$44.71	
Engineer III	Engineer III	352	@	\$61.82	\$21,760.64
David Kim	Engineer III			\$52.99	
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	医脑囊膜 医神经 医阴茎 医腹膜炎 经有效 医皮肤皮肤 化二氯				

MULTIPLIERS

ESCALATION @		(Rates Vary by Phase)	
OVERHEAD @	180.00%	(of Direct Labor + Escalation)	\$298,709.06
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$46,465.85
T-COMMON CONTROL OF THE PARTY O		TOTAL MULTIPLIERS	\$345,174.92

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

ITEM QUANTIT Printing and Reproduction 5000	UNIT COST \$1.00	AMOUNT \$5,000,00
Pothole (up to 30 holes) 1 Travel Mileage 1500	\$24,000.00	\$24,000.00 \$870.00

TOTAL ODC'S \$

\$29,870.00

SUB CONSULTANT SERVICES

COMPANY	LABOR	MULTIPLIERS	ODC's	TOTAL
NCM Engineering (Optional)	\$32,309.79	\$67,204.37	\$400.00	\$99,914.16
Diaz-Yourman & Associates	\$3,369,00	\$8,329.79	\$12,080.50	\$23,779.29
Green Com, Inc.	\$4,713.60	\$9,545.04	\$1,200,00	\$15,458.64
LIN Consulting Inc.	\$3,986.62	\$7,634.38	\$351.00	\$11,972.00
LIN Consulting Inc. (Optional)	\$3,828.08	\$7,330.77	\$393.50	\$11,552.35
Psomas (Optional)	\$16,947.78	\$33,498.98	\$200.00	\$50,646.76

TOTAL SUBCONSULTANT SERVICES <u>WITHOUT</u> OPTIONAL TASKS
TOTAL SUBCONSULTANT SERVICES <u>WITH</u> OPTIONAL TASKS

NAL TASKS \$213,323.19

TOTAL <u>WITHOUT</u> OPTIONAL TASKS TOTAL <u>WITH</u> OPTIONAL TASKS \$592,204.32 \$754,317.59

\$51,209.92

FEE PROPOSAL WORKSHEET		77.944.474
COMPANY:	SCOPE OF WORK:	PHASE:
NCM Engineering	Preliminary Engineering & Environmental	Phase I
PROJECT		DATE:
TINOCEO (A CONTRACTOR		D) 11 -

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
Project Manager	Project Manager	136	@	\$72.02	\$9,794.72
Mohan Char Albert Pan	Structure Lead	20	@	\$86.04	\$1,720.80
Mark Stiller	Project Engineer	160	@	\$57.50	\$9,200.00 \$847.84
Youichi Nakagawa	Engineer III Engineer II	16 188	@	\$52.99 \$44.71	\$8,405.48
Alma Carrillo	Engineer II	160	@	\$40.00	\$6,400.00
Ray Andresek	Senior CADD		w	\$45.53	ψο, 1 00:00
Mark Gonzalez	Project Engineer	40	@	\$62.92	\$2,516.80
Samantha Cadena	Assistant Engineer			\$31,46	
Kimberly Gee	Engineer II			\$44.71	
Engineer III	Engineer III	96	@	\$61.82	\$5,934.72
David Kim	Engineer III			\$52.99	
NE ESTE LA LA MARTE EN PAREN					
BEAUT DESEMBLES					一块装件号

TOTAL HOURS 816 AL DIRECT LABOR \$44,820.36

MULTIPLIERS

ESCALATION @	(of Direct Labor)	
OVERHEAD @ 180.00%	(of Direct Labor + Escalation)	\$80,676.65
PAYROLL ADDITIVES @	(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @ 10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$12,549.70
	TOTAL MULTIPLIERS	\$93,226.35

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

Printing and Reproduction QUANTIT	Y UNIT UNIT COST AMOUNT @ \$1.00 \$1,000.00
Pothole (up to 30 holes) Travel Mileage 600	\$24,000.00 @ \$0.58 \$348.00
rietare — a landa d'Albario Maria de la	

TOTAL ODC'S \$1,348.00

\$28,711.79

SUB CONSULTANT SERVICES

Diaz-Yourman & Associates	\$2,530.46	\$6,256.51	\$12,080.50	\$20,867.47
Green Com, Inc.	\$2,356.80	\$4,772.52	\$600.00	\$7,729,32
LIN Consulting Inc.				
IN Consulting Inc. (Optional)			\$115.00	\$115,00
Psomas (Optional)				
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TOTAL SUBCONSULTANT SERVICES WITHOUT OPTIONAL TASKS
TOTAL SUBCONSULTANT SERVICES WITH OPTIONAL TASKS

TOTAL WITHOUT OPTIONAL TASKS \$167,991.50
TOTAL WITH OPTIONAL TASKS \$168,106.50

FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
NCM Engineering	Plans, Specs & Estimates	Phase II
PROJECT:		DATE:
Temescal Canyon Road - Dos Lagos Segment (C6-0066)		March 7, 2016

PERSONNEL	POSITION		HOURS		RATE	AMQUNT
Project Manager	Project Manager		250	@	\$72.02	\$18,005.00
Mohan Char	Structure Lead		142	@	\$86.04	\$12,217.68
Albert Pan	Project Engineer		390	@	\$57,50	\$22,425.00
Mark Stiller	Engineer III		64	@	\$52.99	\$3,391.36
Youichi Nakagawa	Engineer II		508	@	\$44.71	\$22,712.68
Alma Carrillo	Engineer II		396	@	\$40.00	\$15,840.00
Ray Andresek Mark Gonzalez	Senior CADD		60	~	\$45.53 \$62.92	\$3,775.20
Samantha Cadena	Project Engineer Assistant Engineer	1,44	60	@	\$31.46	ψ5,775.20
Kimberly Gee	Engineer II				\$44.71	
Engineer III	Engineer III		256	@	\$61.82	\$15,825.92
David Kim	Engineer III			_	\$52.99	
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TOTAL HOURS 2,066 AL DIRECT LABOR \$114,192.84

MULTIPLIERS

ESCALATION @		(of Direct Labor)	
OVERHEAD @	180.00%	(of Direct Labor + Escalation)	\$205,547.11
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$31,974.00
	0.0000000000000000000000000000000000000	TOTAL MULTIPLIERS	\$237,521.11

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

Printing and Reproduction	QUANTIT 3000	Y UNIT	UNIT COST @ \$1.00	\$3,000.00
Pothole (up to 30 holes) Travel Mileage	1 600		@ \$24,000.00 @ \$0.58	\$24,000.00 \$348.00

TOTAL ODC'S \$27,348.00

SUB CONSULTANT SERVICES

COMPANY	Azer	MULTIPLIERS	ODC's	TOTAL
NCM Engineering (Optional)	\$32,309.79	\$67,204.37	\$400,00	\$99,914.16
Diaz-Yourman & Associates	\$838.54	\$2,073.27		\$2,911.81
Green Com, Inc.	\$2,356.80	\$4,772.52	\$600,00	\$7,729.32
LIN Consulting Inc.	\$3,843.62	\$7,360.53	\$351.00	\$11,555.15
LIN Consulting Inc. (Optional)	\$3,699.46	\$7,084.47	\$278.50	\$11,062.43
Psomas (Optional)	\$16,947.78	\$33,498.98	\$200.00	\$50,646.76

TOTAL SUBCONSULTANT SERVICES WITHOUT OPTIONAL TASKS
TOTAL SUBCONSULTANT SERVICES WITH OPTIONAL TASKS
\$183,819.63

TOTAL WITHOUT OPTIONAL TASKS \$401,258.23
TOTAL WITH OPTIONAL TASKS \$562,881.58

FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
NCM Engineering	Bid & Construction Support	Phase III
PROJECT:		DATE
FROSEOT.		,

PERSONNEL	POSITION	HOURS	I	RATE.	AMOUNT
Project Manager	Project Manager	16	@	\$72.02	\$1,152.32
Mohan Char	Structure Lead	12	@	\$86.04	\$1,032.48
Albert Pan	Project Engineer	24	@	\$57.50	\$1,380.00
Mark Stiller	Engineer III	40	@	\$52.99 \$44 .71	\$2,119.60 \$1,251.88
Youichi Nakagawa Alma Carrillo	Engineer II Engineer II	28	@	\$44.71 \$40.00	\$1,∠51.66
Ray Andresek	Senior CADD			\$45.53	
Mark Gonzalez	Project Engineer			\$62.92	r singer i vi i vi a shak
Samantha Cadena	Assistant Engineer			\$31.46	
Kimberly Gee	Engineer II			\$44.71	
Engineer III	Engineer III			\$61.82 \$52.99	
David Kim	Engineer III			\$32.59	
	P. C. Carlos Systems (Active)				
		11 April 1 mark			
	TOTAL HO	URS 120	AL DIRE	CT LABOR	\$6,936.28

MULTIPLIERS

ESCALATION @		(of Direct Labor)	
OVERHEAD @	180.00%	(of Direct Labor + Escalation)	\$12,485.30
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$1,942.16
	CONTRACTOR AND	TOTAL MULTIPLIERS	\$14,427.46

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

	billed at Actual Cost			
Control of the Contro	QUANT		JNIT COST \$1.00	\$1,000.00
Pothole (up to 30 holes)			\$24,000.00	
Travel Mileage	300	@	\$0.58	\$174.00

TOTAL ODC'S

\$1,174.00

SUB CONSULTANT SERVICES

COMPANY	LABOR MULTIPLIERS ODC'S	TOTAL
	LABOR WIDE IPIDERS ODES	
Diaz-Yourman & Associates		25541 BR39
Green Com, Inc.		
LIN Consulting Inc.	\$143.00 \$273.85	\$416.85
LIN Consulting Inc. (Optional)	\$128.62 \$246.31	\$374.93
Psomas (Optional)		
	TOTAL SUBCONSULTANT SERVICES WITHOUT OPTIONAL TASKS	\$416.85

TOTAL SUBCONSULTANT SERVICES WITHOUT OPTIONAL TASKS

\$791.77

TOTAL SUBCONSULTANT SERVICES WITH OPTIONAL TASKS

\$22,954.59 \$23,329.51

TOTAL WITHOUT OPTIONAL TASKS TOTAL WITH OPTIONAL TASKS

March 7, 2016		Temescal Canyon Road - Dos Lagos Segment (C6-0066)
DATE		PROJECT
All Phases	Manhour Summary	NCM Engineering
PHASE	SCOPE OF WORK	COMPANY
		MANHOUR WORKSHEET

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COMPANY: NCM Engineering PROJECT: Temescal Canyon Road - Dos Lagos Segment (C6-0066) Temescal Canyon Road - Dos Lagos Segment (C6-0066) Total Manhours Project Management Weetings Research and Data Gattering Research and Data Gattering B 16 16 Environmental Coordination Roadway & Grading Alternatives Development Roadway & Grading Alternatives Development Prepare Draft Drainage Report Profining Develop Conceptual Drainage	20 160 16 20 160 16 32 48 4 4 16 32 32 160 16			Preliminary Pr	Preliminary Englishing (1907)	nary Engineering	Preliminary Engineering & Environmen Plant Mark Mark Mark Mark Mark Mark Mark Mark	표 [[[[[[[[[[[[[[[[[[[ASE: Phase I TE: March 7, 2016 March 7, 2016	400 RS 36 84 40 84 40 84 40 84 40 84 84 84 84 84 84 84 84 84 84 84 84 84	cost 5 7,986 5 15,895 5 10,565 5 8,848 5 12,435
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			22	22						188	\$ 27,480
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			32					40		80	\$ 13,797
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Preliminary Engineer's Estimate 4 2	2 8	4		ထ						26	\$ 4,473
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COMPANY						SCOPE OF WORK							
NCM Engineering						Plans, Sp	Plans, Specs & Estimates	stimates		Phase II			
PROJECT: Temescal Canyon Road - Dos Lagos Segment (C6-0066)	(9900-9	1964 177 177 178								DATE: March 7, 2016			
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Total Manhours	250	142	390	64	508	396	09		6	An Andreas And	2,066	(A)	
Project Management	36				-						36	- S	7.986
Meetings	24	œ	09	16							108		20,681
Utility Coordination and Agreements		120	40		-						176	9	42,434
Prepare 65% Roadway Plans	20		09	-	120	120					320	\$	46,371
Prepare 65% Drainage Plans	16			!	72			TOP AND	56		144	*	24,127
Prepare Final Drainage Report	œ				24	an chank with it from	manumen sourcecou		72		104	₩	18,789
Prepare 65% Engineering Cost Estimate	80	2	œ	œ	32		003444-44444-948		14639394-17071/2014		28	es es	9,434
Prepare 95% Roadway Plans	12		92	***************************************	92	26					240	\$	35,950
Prepare 95% Drainage Plans	œ				40		***************************************		40		88	⇔	14,899
Prepare 95% Engineering Cost Estimate	12		16			32			*************		09	\$	9,438
Prepare 95% Specifications	2		24						32		58	⇔	10,787
Prepare Final Right of Way Requirements Including TCE / ROE Exhibits	∞		9		20	20					64	4 &	9,826
Site Mod Meetings with Property Owners	32		9			passivers version					72	\$	14,182
Prepare Water Quality Report (TPG)	4				16	oanserverstellerver,	unaniumaterium	•	24		44	4	7,660
Prepare 100% PS&E	20	4	24	16	72	72		on work and the second	16		224	\$	34,190
Prepare Camera Ready PS&E	16	4	9	16	36	36			16		134	\$	21,431
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MANHOUR WORKSHEET									. 15		
COMPANY					SCOPE OF WORK:		PHASE:				
NCM Engineering					Bid & Construction Support	Support	Phase III				
PROJECT: Temescal Canyon Road - Dos Lagos Segment (C6-0066)	(9900-9						DATE: March 7, 2016				
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Total Manhours	16	12	24	40	28				120		
Meetings	00	2	00	4					22	\$ 4,	4,374
Responses to Bid RFIs	2	4	4	œ					18	& 3	3,518
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Prepare As-Built Plans	2	7	œ	20	20				52	& &	8,409
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FEE PROPOSAL WORKSHEET		Sales III
COMPANY:	SCOPE OF WORK:	PHASE:
NCM Engineering (Optional)	Optional Tasks	Phase II
PROJECT:		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-	0066)	March 7, 2016

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
Project Manager	Project Manager	32	@	\$72.02	\$2,304.73
Mohan Char	Structure Lead	28	@	\$86.04	\$2,409.09
Albert Pan	Project Engineer	84	@	\$ 57,50	\$4,830,00
Mark Stiller	Engineer III	120	@	\$52.99	\$6,358.83
Youichi Nakagawa	Engineer II	40	@	\$44.71	\$1,788.44
Alma Carrillo	Engineer II	120	@	\$40.00	\$4,800.00
Ray Andresek	Senior CADD	120	@	\$45,53	\$5,463.60
Kimberly Gee	Engineer II	50	@	\$44.71	\$2,235.50
David Kim	Engineer III	40	@	\$52.99	\$2,119.60

TOTAL HOURS 634 AL DIRECT LABOR \$32,309.79

MULTIPLIERS

ESCALATION @		(of Direct Labor)	
OVERHEAD @		(of Direct Labor + Escalation)	\$58,157.62
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payro	II Additives \$9,046.74

TOTAL MULTIPLIERS \$67,204.37

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

ITEM	QUANTIT	Y UNIT	UNIT COST	AMOUNT
Printing and Reproduction	400	Budget	@ \$1.00	\$400.00

TOTAL ODC'S

\$400.00

PROJECT		(9900-9			-	Optio	Optional Tasks	iks		Phase II			
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6	Drive (C6									DATE: March 7, 2016	, 2016		
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Total Manhours	32	28	84	120	40	120	120	20	40			634	
Construction Staging Plans (Optional task)	16	-	40		40	40	***************************************					136	\$ 21,070
Signing and Striping Plans (Optional Task)	o		40			80						128	\$ 18,715
Retaining Wall PS&E (Optional Task)	.`` ∞	28	4	120		•	120	20	40			370	\$ 59,730

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SUBCONSULTANT FEE PROPOSAL WORKSHE		
COMPANY:	SCOPE OF WORK:	PHASE:
Diaz-Yourman & Associates	Geotechnical	All Phases
PROJECT:		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066	i)	3 <i>[7]</i> 2016

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
V.R. Nadeswaran	Principal Engineer	6	@	\$73.86	\$443.16
S. Niranjanan	Associate Engineer/Project Mana	ig∈ 28	@	\$51.79	\$1,450,12
Charles Chen	Staff Engineer/ISA			\$28,48	
Staff Engineer II	Staff Engineer II	21	@	\$31.53	\$662.13
Staff Engineer/Geologist I	Staff Engineer/Geologist I	19	. @	\$25.83	\$490.77
Ashely Helma	CADD	2	@	\$22.73	\$45.46
Deanna Rose	Technical Editor/Word Processor	8	@	\$34.67	\$277.36

AL DIRECT LABOR \$3,369.00 TOTAL HOURS 84

MULTIPLIERS

		TOTAL MULTIPLIE	RS \$8,329.79
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Addi	tives \$1,063.53
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
OVERHEAD @	215.68%	(of Direct Labor + Escalation)	\$7,266.26
ESCALATION @		(Rates Vary by Phase)	

Billed at Actual Cost

OTHER DIRECT COSTS	Billed at Actual Cost				
ITEM	QUANTI	Y UNIT		UNIT COST	AMOUNT
Drillers	1	Each	@	\$4,595.00	\$4,595,00
Geophysical Survey	1	Each	@	\$1,428.00	\$1,428.00
Traffic Control	1	Eact	ı @	\$1,760.00	\$1,760.00
Geotechnical Laboratory Testing	1	Each	@	\$2,991.00	\$2,991.00
Mileage	60	miles	. @	\$0.575	\$34.50
Field Truck	16	hour	@	\$17.00	\$272.00
Environmendal Database/Aerial Photogra	aphs	Each	l de la company	\$1,000.00	
Consulting Geologist	again with the control of the Anatomic Wagner (Market Vigen Control of the Contro	Each	<mark>l</mark> Kuktosan la ina di	\$1,000.00	
Managaman da Alamada diku da serikun sara masa sa masa da sa rapa aya da da da ga maja da sa da da ga maja da s Managaman da Alamada diku da serikun sara masa sa masa da sa rapa aya da da da ga maja da sa da da da da da da				TOTAL ODC'S	\$11,080.50

\$22,779.29 TOTAL

SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
Diaz-Yourman & Associates	Geotechnical	Phase I
PROJECT:		DATE:

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
V.R. Nadeswaran	Principal Engineer	4	@	\$73.86	\$295.44
S. Niranjanan	Associate Engineer/Project Manage	16	@	\$51.79	\$828.64
Charles Chen	Staff Engineer/ISA			\$28,48	
Staff Engineer II	Staff Engineer II	21	@	\$31.53	\$662.13
Staff Engineer/Geologist I	Staff Engineer/Geologist I	19	@	\$25.83	\$490.77
Ashely Helma	CADD	2	@	\$22.73	\$45.46
Deanna Rose	Technical Editor/Word Processor	6	@	\$34.67	\$208.02

TOTAL HOURS 68 AL DIRECT LABOR \$2,530.46

MULTIPLIERS

ESCALATION @		(of Direct Labor)	
OVERHEAD @	215.68%	(of Direct Labor + Escalation)	\$5,457.70
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payrol	II Additives \$798.82

TOTAL MULTIPLIERS \$6,256.51

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

OTTLK DIKEOT GOOTS	on Dilled at At	cluar Cost ***					
ITEM		QUANTITY	7	UNIT	i	NIT COST	AMOUNT
Drillers		1		Each	e e	\$4,595.00	\$4,595.00
Geophysical Survey		1		Each	@	\$1,428.00	\$1,428.00
Traffic Control		1		Each	. @	\$1,760.00	\$1,760.00
Geotechnical Laboratory Testing	w	1		Each	@	\$2,991.00	\$2,991.00
Mileage		60		miles	@	\$0.58	\$34.50
Field Truck	ekständ finitsitterken im sis missi missi men menärtet	16		hour	@	\$17.00	\$272.00
Environmendal Database/Aerial Photog	graphs			Each		\$1,000.00	
Consulting Geologist	A Secretary	1		Each	@	\$1,000.00	\$1,000.00
•							

TOTAL ODC'S

\$12,080.50

TOTAL

\$20,867.47

SUBCONSULTANT FEE PROPOSAL WORKSHEET	All both British and Thinks Kentle	100000
COMPANY:	SCOPE OF WORK:	PHASE:
Diaz-Yourman & Associates	Geotechnical	Phase II
PROJECT		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-	0066)	March 7, 2016

AMOUNT	RATE		HOURS		POSITION	PERSONNEL
36 \$147.72	\$73.86	@	2		Principal Engineer	adeswaran l
79 \$621.48	\$51.79	@	12	lanage	Associate Engineer/Project M	anjanan ,
18	\$28.48				Staff Engineer/ISA	s Chen
5 3	\$ 31.53	, who are up a mile of the con-	in et elettert i erevel		Staff Engineer II	Engineer II
33	\$25,83				Staff Engineer/Geologist I	ngineer/Geologist I
73	\$22.73	tisasintaataali kaliilikkuus			CADD	/ Helma
57 \$69,34	\$34.67	@	2	ssor	Technical Editor/Word Proces	ia Rose

TOTAL HOURS 16 AL DIRECT LABOR \$838.54

MULTIPLIERS

ESCALATION @		(of Direct Labor)	
OVERHEAD @	215.68%	(of Direct Labor + Escalation)	\$1,808.56
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Pay	roll Additives \$264.71

TOTAL MULTIPLIERS \$2,073.27

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

billed at / total	0000			
ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
Drillers		Each	\$4,595.00	
Geophysical Survey		Each	\$1,428.00	
Traffic Control		Each	\$1,760.00	
Geotechnical Laboratory Testing		Each	\$2,991.00	Million and the Commission of March 1985 (1985)
Mileage		miles	\$0.58	
Field Truck	um vi i standi i militarista	hour	\$17.00	este ata comunicación
Environmendal Database/Aerial Photographs		Each	\$1,000.00	
Consulting Geologist	A TOTAL CONTRACTOR	Each	\$1,000.00	Salamen i Bernedaka Katala
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TOTAL ODC'S

PHASE.	All Phases	DATE	March 7, 2016
SCOPE OF WORK.	Geotechnical		
SUBCONSULTANT MANHOUR WORKSHIEFT SUMMARY COMPANY:	Diaz-Yourman & Associates	PROJECT	Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066)

Temscal Canyon Road - Leroy Ro	Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066)		March 7, 2016
TASK	THE SOLUTION OF THE SOLUTION O		
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PHASE TOTALS	6 28 21 19	2 8	84
PHASE	4 16 21 19	2	86
PHASE	2	2	
PHASE III			

Direction of Appropriate			<u>ي</u> د	SCOPE OF WORK:	æ.	Ē	PHASE:				
Diaz-Yourman & Associates			ອ 	Geotechnical	cal	Ć	Fnase				
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066)	s Drive (C6-0066)						rch 7,	2016			
TASK	The little of the second of th				CHOM ROS PROPERTY OF THE PROPE				Hours	COST	
Total Manhours	4 16	21	19	2 6				grammache est est est est est est est est est es	89		
Preliminary Geotechnical Engineering	4 16	24	19	2 6		and alternatives	######################################		89	% \$	8,787
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Canyon Road - Leroy Road to Dos Lagos Drive (CG-0066)	SUBCONSULTANT MANHOUR WORKSHEET COMPANY:		SCOPE OF WORK;	PHASE:		
1- Letry Road to Dos Lagos Drive (Gs.0066) March 7, 2016 March 7, 2016 1 2 12 2 2 16 2 12 2 2 16 2 12 2 18 2 16 \$ 3, 2, 20 1 16 \$ 3, 2, 20 1 16 \$ 3, 2, 20 1 16 \$ 3, 2, 20 1 16 \$ 3, 2, 20 1 17 18 18 1 18 18 18 1 18 18 18 1 18 18 18 1 18 18 1 18 18 1 18 1 18 18 1 18	Diaz-Yourman & Associates		Geotechnical	Phase II		
2 12 2 12 2 16 16 16 16 16 16 16 16 16 16 16 16 16	PROJECT: Temscal Canyon Road - Leroy Road to Dos Lagos	Drive (C6-0	(990	DATE March 7, 2016		gen den engels ein den en en en en
2 12 2 16 16 5 2 1 1 16 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TASK	STORING	1012 1013 30			TSO:
2 12 2 15 5 5	Total Manhours	2 1			16	
	Geotechnical Review	<u> </u>				2,912
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SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
Green Com, Inc.	Public Outreach	All Phases
PROJECT		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066)		March 7, 2016

POSITION	HOURS		RATE	AMOUNT
Project Manager	46	@	\$55.64	\$2,559.44
Public Outreach Assistant	24	@	\$25.28	\$606,72
Public Outreach Assistant	26	@	\$25.28	\$657.28
Web/Graphics Technician	24	@	\$37.09	\$890.16
Web/Graphics Technician			\$ 37.09	
Web/Graphics Technician		na dia kalimpika	\$37.09	-, ne-estado diferiribilizado
	Project Manager Public Outreach Assistant Public Outreach Assistant Web/Graphics Technician Web/Graphics Technician Web/Graphics Technician	Project Manager 46 Public Outreach Assistant 24 Public Outreach Assistant 26 Web/Graphics Technician 24 Web/Graphics Technician Web/Graphics Technician	Project Manager 46 @ Public Outreach Assistant 24 @ Public Outreach Assistant 26 @ Web/Graphics Technician 24 @ Web/Graphics Technician Web/Graphics Technician	Project Manager 46 @ \$55.64 Public Outreach Assistant 24 @ \$25.28 Public Outreach Assistant 26 @ \$25.28 Web/Graphics Technician 24 @ \$37.09 Web/Graphics Technician \$37.09 Web/Graphics Technician \$37.09

TOTAL HOURS 120 AL DIRECT LABOR \$4,713.60

MULTIPLIERS

ESCALATION @		(Rates Vary by Phase)	
OVERHEAD @	175.00%	(of Direct Labor + Escalation)	\$8,248.80
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payr	oll Additives \$1,296.24

TOTAL MULTIPLIERS \$9,545.04

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

OTTIER DIRECT COSTS		billed at Actual Cost				
	ITEM	QUAI	VTITY	UNIT	UNIT COST	AMOUNT
Meeting Equipment					\$125.00	
Display Boards	e de la companya del companya de la companya del companya de la companya del la companya de la c	and the same the control of the cont	Sur marantari ir kaš	ahvatino, ne i resentantes c	no. nimen orași presidenti	antino (1. 1615), il 1846, il 1865, il
PA System			1	0	§ \$175.00	\$700.00
Printing Actual Cost	ander and the factor of the fa	50	00	0	9 \$1.00	\$500.00
Hotline Actual Cost						
						91
· 经分别的 (1995年) - 1996年 - 1997年 -	\$	n in eeu liin minin kali lii ka assaa ka k			militaria de Espaisione de Paris, de la Caraca	Antiber Salver Self (A. F. Fleet see 112. 12.0)
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TOTAL ODC'S

\$1,200.00

TOTAL

\$15,458.64

COMPANY:	SCOPE OF WORK:	PHASE:			
Green Com, Inc.	Public Outreach	Phase I			
		DATE:			
PROJECT:	PROJECT: Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066)				

POSITION	HOURS		RATE	AMOUNT
Project Manager	23	@	\$55.64	\$1,279.72
Public Outreach Assistant	12	@	\$25.28	\$303.36
Public Outreach Assistant	13	@	\$25.28	\$328,64
Web/Graphics Technician	12	@	\$37.09	\$445.08
Web/Graphics Technician			\$37.09	
Web/Graphics Technician			\$37.09	Polywork for the Salar Charles and
	Project Manager Public Outreach Assistant Public Outreach Assistant Web/Graphics Technician Web/Graphics Technician	Project Manager 23 Public Outreach Assistant 12 Public Outreach Assistant 13 Web/Graphics Technician 12 Web/Graphics Technician	Project Manager 23 @ Public Outreach Assistant 12 @ Public Outreach Assistant 13 @ Web/Graphics Technician 12 @ Web/Graphics Technician	Project Manager 23 @ \$55.64 Public Outreach Assistant 12 @ \$25.28 Public Outreach Assistant 13 @ \$25.28 Web/Graphics Technician 12 @ \$37.09 Web/Graphics Technician \$37.09

TOTAL HOURS 60

AL DIRECT LABOR

\$2,356.80

MULTIPLIERS

ESCALATION @		(of Direct Labor)	
OVERHEAD @	175.00%	(of Direct Labor + Escalation)	\$4,124.40
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @		(of Direct Labor + Escalation + Overhead + Payroll Ad	

TOTAL MULTIPLIERS

\$4,772.52

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

OTTLK DIKECT COSTS	billed at Actual Cost ***				
ITEM	QUANTI	ry UNIT	Ú	NIT COST	AMOUNT
Meeting Equipment				\$125.00	
Display Boards	r (Pudding Bergere in Frank in de Seit neder in der Holen der Helen in Frank in der	and the second second		deden et l'eddenaeu Lau V	Selections of Fee of Temporary specified in a
PA System	2		@	\$175.00	\$350,00
Printing Actual Cost	250		@	\$1.00	\$250.00
Hotline Actual Cost					
					*
er vers van van de verscheideligt is de uit in de eer in de eer verscheide de de Beur-Anders de verscheide een	त्र कर्माच्ये क्षण्यात्र श्रेष्ठ क्षण्यात्र क्षण्यात्र स्थापन्त्र । स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त्र स्थापन्त्र			ene, Healder, de Ord dan Sicolo	elitaren berik Albert erakere base.
lader obligateror (s. 1975). Som er sporte sene gonedert etnekkristerbettiske bligger booste observer	ing nakabadahan ang mga ding di sakadaban di masa dalah mga mga	The transfer of the state of th	sidentialiste en la	na n	transana arabitan si Shiki 1886 Misanik

TOTAL ODC'S

\$600.00

TOTAL

\$7,729.32

SUBCONSULTANT FEE PROPOSAL WORKSHEET COMPANY:		PHASE:
Green Com, Inc.	Public Outreach	Phase II
PROJECT		DATE:
ALTHOUGH A TO THE THE PERSON OF THE PARTY OF		

PERSONNEL		POSITION	HOURS		RATE	AMOUNT
Dennis Green	Project Mana	iger	23	@	\$55.64	\$1,279.72
Daisy Terrazas	Public Outrea	ach Assistant	12	@	\$25.28	\$303.36
Verna Liles	Public Outrea	ach Assistant	13	@	\$25,28	\$328,64
John Robles	Web/Graphic	s Technician	12	@	\$37.09	\$445.08
Martin Wallace	Web/Graphic	s Technician			\$37,09	
Darcy McNaboe	Web/Graphic	s Technician	in van in de tetere word op in de	dheddae y watt o	\$37.09	and an early of a 2 nation between

TOTAL HOURS 60 AL DIRECT LABOR \$2,356.80

MULTIPLIERS

ESCALATION @		(of Direct Labor)	1 177
OVERHEAD @	175.00%	(of Direct Labor + Escalation)	\$4,124.40
PAYROLL ADDITIVES @		(of Direct Labor + Escalation)	
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$648.12

TOTAL MULTIPLIERS \$4,772.52

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

••• Billed at Actual Cost •••			
QUANTIT	Y UNIT	UNIT COST	AMOUNT
		\$125.00	
Z. II. Geller de heile i dinek beskriver Loode i belui ve i activat reted		villa Ahabadandaa oolila dii joolaa indaa	
2		@ \$175.00	\$350.00
250	Market Strategy of the first of the state of	@ \$1.00	\$250.00
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and the state of the		ing ng Panggan ing Panggangganggang	
			7.79
	QUANTII	QUANTITY UNIT	QUANTITY UNIT UNIT COST \$125.00 2 @ \$175.00

TOTAL ODC'S

\$600.00

TOTAL \$7,729.32

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY COMPANY:	SCOPE OF WORK,	PHASE
Green Com, Inc.	Public Outreach A	All Phases
PROJECT	DAT	DATE
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066)		March 7, 2016

Hours	120	09 09
	private value (CA)	
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TASK	ALS	
	PHASE TOTALS	PHASE II PHASE III PHASE III
	7	1 1 1 1

					PHASE:		
Temscal Canyon Road - Leroy Road to Dos Lagos Drive (C6-0066)	Drive (C6	-0066)			DATE		
TASK	Off	SWAM STREET			Afours		COST
Total Manhours	23	12	13	12	09		
1 Task Force Meeting	10	7	2	2	27	4	2,596
1 Community Meeting	10	5	2		18	₩	2,331
Website and Social Media	က		တ	6	21	s	2,203
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SUBCONSULTANT MANHOUR WORKSHEET				o secual	A DE MADE.	- эхуна			
Green Com, inc.				Publi	Public Outreach	Phase II			
PROJECT. Temscal Canvon Road - Lerov Road to Dos Lagos Drive (C6-0066)	Drive (C	(9900-9				DATE March 7, 2016	916		
TASK		TO SHOW TO SHO						Hours	COST
Total Manhours	23	12	13	12				09	
1 Task Force Meeting	10	7	2	2				21	\$ 2,596
1 Community Meeting	10	2	7			All Industry profess		18	\$ 2,331
Website and Social Media	က		6	6		and a single control of the control		21	\$ 2,203

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SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
LIN Consulting Inc.	Fiber Optic Conduit	All Phases
PROJECT:		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		March 7, 2016

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
William Sun	PIC / QA/QC	4	@	\$64.26	\$257.04
Ray Kommidi	Senior Project Manager	34	@	\$57.12	\$1,942.08
Ryan Woo	Project Engineer	50	@	\$ 35.75	\$1,787.50
Ann Dinh	Assistant Engineer			\$15.50	

TOTAL HOURS 88

TOTAL DIRECT LABOR

\$3,986.62

MULTIPLIERS

ESCALATION @		(Rates Vary by Phase)	
OVERHEAD @	61.00%	(of Direct Labor + Escalation)	\$2,431.84
PAYROLL ADDITIVES @	104.00%	(of Direct Labor + Escalation)	\$4,146.08
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives)	\$1,056.45

TOTAL MULTIPLIERS

\$7,634.38

OTHER DIRECT COSTS

· Billed at Actual Cost · · ·

Mileage 200 miles © Overnight Reproductions/Scans 54 SF ©		
Overnight Reproductions/Scans 54 SF @	INIT COST	AMOUNT
Reproductions/Scans 54 SF @	\$0,54	\$108.00
	\$4 .50	\$243.00
	94.50	Ψ244.UU

TOTAL ODC'S

\$351.00

TOTAL

\$11,972.00

SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
LIN Consulting Inc.	Fiber Optic Conduit	Phase II
PROJECT:		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		February 19, 2016

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
William Sun	PIC / QA/QC	4	@	\$64.26	\$257.04
Ray Kommidi	Senior Project Manager	34	@	\$57.12	\$1,942.08
Ryan Woo	Project Engineer	46	0	\$35.75	\$1,644.50
			is the		
	TOTAL	OUDS 94		ECT LABOR	\$3.843.63

TOTAL HOURS 84 AL DIRECT LABOR \$3,843.62

MULTIPLIERS

		TOTAL MULTIF	PLIERS \$7,360.53
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll A	Additives \$1,018.56
PAYROLL ADDITIVES @	104.00%	(of Direct Labor + Escalation)	\$3,997.36
OVERHEAD @	61.00%	(of Direct Labor + Escalation)	\$2,344.61
ESCALATION @		(of Direct Labor)	

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

DINER DIRECT COSTS	*** Billed at Actu	iai Cost •••					
	M. The Control of the	QUANTIT	Y	UNIT	UNITO	cost	AMOUNT
Mileage		200		miles	@	\$0,54	\$108.00
Overnight	ole 20 Million - Paris III de la companio de la co					n. az nestő ne en entilátnákó	
Reproductions/Scans		54		SF	@	\$4.50	\$243.00
			++±				

TOTAL ODC'S

\$351.00

SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
LIN Consulting Inc.	Fiber Optic Conduit	Phase III
PROJECT:		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		February 19, 2016

PERSONNEL	POSITION	HOURS	RATE	AMOUNT
William Sun	PIC / QA/QC		\$64.26	
Ray Kommidi	Senior Project Manager	and the state of t	\$57.12	edelf states to the side of a chief.
Ryan Woo	Project Engineer	4	@ \$ 35.75	\$143.00

TOTAL HOURS 4 AL DIRECT LABOR \$143.00

MULTIPLIERS

ESCALATION @		(of Direct Labor)	
OVERHEAD @		(of Direct Labor + Escalation)	\$87.23
PAYROLL ADDITIVES @	104.00%	(of Direct Labor + Escalation)	\$148,72
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$37.90

TOTAL MULTIPLIERS \$273.85

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

ITEM QUANT	ITY UNIT UNIT COST AMOUNT
Mileage	miles \$0.54
Overnight Reproductions/Scans	SF \$4.50

TOTAL ODC'S

TOTAL \$416.85

SUBCONSULTANT MANHOUR WORKSHEET SUMMARY		TOWNER TOWNER
LIN Consulting Inc.	duit	All Phases
PROJECT		DATE
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		February 19, 2016

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STANDAR AND SESSION OF SONO SES	50 12	46 112	
John Jak	4 34	34	
TASK	PHASE TOTALS	PHASE I	

SUBCONSULTANT MANHOUR WORKSHEET COMPANY. LIN Consulting Inc.			***		SCOPE OF WORK Fiber Optic Conduit	Ė.	PHASE: Phase II				
PROJECT. Temscal Canyon Road - Leroy Road to Dos Lagos Drive	Orive					90		19, 2016			
TASK	32	30 40 A	Sir Can Market		SOLUTION OF STATE OF				Hours	V S	COST
Total Manhours	4	34	46	12					96		
Meetings and Coordination	2	12				and any organization of			14	\$	2,373
Fiber Optic Conduit Design Plan	2	∞	38	12			-		09	8	6,209
Specifications	-	12							12	8	1,998
Estimates		2	8						10	\$	1,167
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COMPANY: LIN Consulting Inc.			
	SCOPE OF WORK Fiber Optic Conduit	PHASE:	
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		DATE: DATE: February 19, 2016	
TASK	STANDARIANIA STANDARIANIA SORORI SORO		
Total Manhours	1	Mours cc	COST
As-Built Plans	4	4	417

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SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK	PHASE:
LIN Consulting Inc. (Optional)	Traffic Signals (Optional)	All Phases
PROJECT:		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		March 7, 2016

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
William Sun	PIC / QA/QC	7	@	\$64.26	\$449.82
Ray Kommidi	Senior Project Manager	23	@	\$57.12	\$1,313.76
Ryan Woo	Project Engineer	30	@	\$35.75	\$1,072.50
Benny Yau	Project Engineer	6	@	\$33.50	\$201.00
Vicky Jongitsamrit	Project Engineer	18	@	\$25.00	\$450.00
Stephanie Chan	Assistant Engineer	22	@	\$15.50	\$341.00

TOTAL HOURS 106 AL DIRECT LABOR \$3,828.08

MULTIPLIERS

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PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$1,014,44
PAYROLL ADDITIVES @	104.00%	(of Direct Labor + Escalation)	\$3,981.20
OVERHEAD @	61.00%	(of Direct Labor + Escalation)	\$2,335.13
ESCALATION @		(Rates Vary by Phase)	

TOTAL MULTIPLIERS \$7,330.77

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

OTHER DIRECT COSTS	••• Billed at Actual Cost •••				
ITEM :	TRAAUC	TY UNIT	U	NT COST	TNUOMA
Mileage	500	miles	@	\$0,58	\$287.50
Overnight	1	ea	@	\$25.00	\$25,00
Reproductions/Scans	18	SF	@	\$4.50	\$81.00
					gal gal
				482	

TOTAL ODC'S

\$393.50

TOTAL

\$11,552.35

SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
LIN Consulting Inc. (Optional)	Traffic Signals (Optional)	Phase II
PROJECT:		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		March 7, 2016

PERSONNEL	POSITION	HOUR	l s	RATE	AMOUNT
William Sun	PIC / QA/QC	7	@	\$64.26	\$449.82
Ray Kommidi	Senior Project Manager	22	@	\$57.12	\$1,256.64
Ryan Woo	Project Engineer	28	@	\$35.75	\$1,001.00
Benny Yau	Project Engineer	6	@	\$33.50	\$201.00
Vicky Jongitsamrit	Project Engineer	18	@	\$25.00	\$450.00
Stephanie Chan	Assistant Engineer	22	@	\$15.50	\$341.00

TOTAL HOURS 103

AL DIRECT LABOR

\$3,699.46

MULTIPLIERS

		TOTAL MULTIPLIERS	\$7,084.47
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$980.36
PAYROLL ADDITIVES @	104.00%	(of Direct Labor + Escalation)	\$3,847.44
OVERHEAD @	61.00%	(of Direct Labor + Escalation)	\$2,256.67
ESCALATION @		(of Direct Labor)	

TOTAL MULTIPLIERS

OTHER DIRECT COSTS

· · · Billed at Actual Cost · · ·

OTHER DIRECT COSTS	••• Billed at Actual Cost •••		CONNECTED TO CONTRACT OF THE C			
ITEM	QUANTI	Y	INIT	UNIT C	OST A	MOUNT
Mileage	300	n	niles (Ð	\$0.58	\$172.50
Overnight	1		ea (<u> </u>	325.00	\$25.00
Reproductions/Scans	18		SF (0	\$4 .50	\$81,00
						7

TOTAL ODC'S

\$278.50

SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK:	PHASE:
LIN Consulting Inc. (Optional)	Traffic Signals (Optional)	Phase III
PROJECT		DATE:
Temscal Canyon Road - Leroy Road to Dos Lagos Drive		March 7, 2016

PERSONNEL	POSITION	HOUR	S	RATE	AMOUNT
William Sun	PIC / QA/QC			\$64.26	
Ray Kommidi	Senior Project Manager	1	@	\$57.12	\$57.12
Ryan Woo	Project Engineer	2	@	\$35.75	\$71,50
Benny Yau	Project Engineer			\$33.50	And the late party of a sold a sold
Vicky Jongitsamrit	Project Engineer			\$25.00	
Stephanie Chan	Assistant Engineer			\$15.50	alainean o tradantaisean agus

TOTAL HOURS 3 AL DIRECT LABOR \$128.62

MULTIPLIERS

PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payroll Additives	\$34.08
PAYROLL ADDITIVES @	104.00%	(of Direct Labor + Escalation)	\$ 133.76
OVERHEAD @	61.00%	(of Direct Labor + Escalation)	\$78.46
ESCALATION @		(of Direct Labor)	

TOTAL MULTIPLIERS \$246.31

OTHER DIRECT COSTS

· Billed at Actual Cost · · ·

OTHER DIRECT COSTS	QUANTIT	אין דואט אי	UNIT COST	AMOUNT
Mileage		miles	\$0.58	
Overnight		ea	\$25.00	02 100 Tubble 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Reproductions/Scans		SF	\$4.50	
		Attinguity and and a second se		

TOTAL ODC'S

TOTAL \$374.93

PHASE	All Phases	DATE	March 7, 2016
SCOPE OF WORK.	Traffic Signals (Optional)		
SUBCONSULTANT MANHOUR WORKSHEET SUMMARY COMPANY:	LIN Consulting Inc. (Optional)	PROJECT	Temscal Canyon Road - Leroy Road to Dos Lagos Drive

Hours	106	2 2 2
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Stational States	22	22
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STORAGE TO STORE	9 (8 8 6
TORE HOMES	23 30	22 28
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TASK	PHASE TOTALS	
	PHASE	PHASE I PHASE I

COMPANY: LIN Consulting Inc. (Optional)					S	SCOPE OF WORK Traffic Signa	OPE OF WORK: Traffic Signals (Optional)	otional)		PHASE	ASE: Phase II				
PROJECT. Temscal Canyon Road - Leroy Road to Dos Lagos Drive	Drive									DATE: Ma l	ch 7,	2016			
TASK		30,40	The state of the s												
Total Manhours	1	% Z2	78		18	22							#OURS	8	COST
Meetings and Coordination	4	9					***************************************		-				10	\$	1,748
Traffic Signal Design	2	&	26	و	18	18							78	\$	7,127
Specifications	-	9											7	8	1,186
Estimates		7	2			4			New Action Control				8	₩	722
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SUBCONSULTANT MANHOUR WORKSHEET					
COMPANY;	<u>)S</u>		PHASE:		
LIN Consulting Inc. (Optional)	Traffic Signals (Optional)	s (Optional)	Phase III		
_ PROJECT. Temscal Canyon Road - Leroy Road to Dos Lagos Drive	Drive		DATE March 7, 2016		
TASK	STANDAD STANDAD STANDAD				
				HOURS	COST
Total Manhours				8	
As-Built Plans	1 2			8	\$ 375

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		MANUAL PARTIES			-
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				PATER LABOR.	

SUBCONSULTANT FEE PROPOSAL WORKSHEET		
COMPANY:	SCOPE OF WORK	PHASE:
Psomas (Optional)	Legal Descriptions (Optional)	Phase II
PROJECT;		DATE:
Temescal Canyon Road - Leroy Road to Dos Lagos Drive		March 7, 2016

PERSONNEL	POSITION	HOURS		RATE	AMOUNT
Cliff Simental	Survey Manger	22	@	\$75,59	\$1,662.98
James Rios	Project Surveyor	60	@	\$53.75	\$3,225.00
Tim Garcia	Project Surveyor	60	@	\$53,75	\$3,225.00
Jesus Ulloa	Cadd Surveyor	104	@	\$43.67	\$4,541.68
Michael Lauwers	Cadd Surveyor	96	@	\$43.67	\$4,192,32
Two Person Survey Crew	Two Person Survey Crew			\$85.67	na uu on oo habadhaanan oo oo oo
Liz Blair	Admin. Assistant	4	@	\$25.20	\$100.80

TOTAL HOURS 346 AL DIRECT LABOR \$16,947.78

MULTIPLIERS

*		(of Direct Labor)	
OVERHEAD @ PAYROLL ADDITIVES @		(of Direct Labor + Escalation) (of Direct Labor + Escalation)	\$28,912.91
PROFIT (FIXED FEE) @	10.0%	(of Direct Labor + Escalation + Overhead + Payr	

TOTAL MULTIPLIERS \$33,498.98

OTHER DIRECT COSTS

· Billed at Actual Cost · · ·

Printing and Reproduction 1 Budget @ \$200.00						tuai Oost ···	Dilica at Ac		120.000.0	•
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	\$200,00	\$200.00	@	Budget		1			d Reproduction	Printing and
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TOTAL ODC'S

\$200.00

TOTAL \$50,646.76

Psomas (Optional)		7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A		3	Legal Descri	Legal Descriptions (Optional)		Phase II			
PROJECT: Temescal Canyon Road - Leroy Road to Dos Lagos Drive	Drive						DATE: Mar	ch 7,	2016		
TASK	SOCIABLE CON SOCIA	City City of			1 29 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	TANIS SS NAMED AND SAMED AND SAMED S					
Total Manhours	22 60	09	104	96		4				#0urs 346	COST
42 Legal Descriptions and Plats	22 60	09	104	96		4				346	\$ 50,447
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