## SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

**SUBMITTAL DATE:** March 25, 2010

FROM: TLMA - Transportation Department

SUBJECT: Amendment No. 3 to the Engineering Services Agreement for I-10 at Palm

Drive/Gene Autry Trail and Date Palm Drive Interchanges

**RECOMMENDED MOTION:** That the Board approve this amendment to the Engineering Services Agreement between the County of Riverside and Parsons Brinckerhoff Quade and Douglas, Inc, (now known as PB Americas, Inc.) and authorize the Chairman of the Board to execute the same.

BACKGROUND: The Palm Drive/Gene Autry Trail and Date Palm Drive Interchanges are gateways into the Cities of Palm Springs, Desert Hot Springs, Cathedral City and the unincorporated County. Significant growth in the area has increased traffic beyond the capacity of the interchanges and they are now failing during the peak hours of operation. Improvements proposed to the interchange will increase capacity, and improve the operation to a satisfactory

> Juan C. Perez **Director of Transportation**

(Continued On A	ttached Page)					
FINANCIAL	Current F.Y. Total Cost:	\$ 363,665	In Current Year	Budget:	Y	es
FINANCIAL DATA	Current F.Y. Net County Cost:	\$ 0	Budget Adjustm	ent:	1	No
DATA	Annual Net County Cost:	\$ 0	For Fiscal Year:		2009/10	)
SOURCE OF FU	INDS: CVAG TUMF(100%)			i	ns To Be Per A-30	
				Requires	4/5 Vote	
C.E.O. RECOMM	MENDATION:	APPROVE BY	Vard o			
County Executi	ve Office Signature	Tina Grand				

Policy N Policy 户

Consent Consent 

Dep't Recomm.: Per Exec. Ofc.

Prev. Agn. Ref. 6/22/99 (3.56).

5/10/05 (3.23), 1/27/09 (3.63)

District: 5 ATTACHMENTS FILED

**Agenda Number:** 

WITH THE CLERK OF THE BOARD

The Honorable Board of Supervisors

RE: Amendment No. 3 to the Engineering Services Agreement for I-10 at Palm Drive/Gene Autry Trail and Date Palm Drive Interchanges
March 25, 2010

Page 2 of 2

condition for current and future traffic volumes.

The Board of Supervisors executed an agreement on July 22, 1999 with Parsons Brinckerhoff Quade and Douglas, Inc. to provide engineering and environmental services necessary to construct the proposed interchange improvements. This agreement was amended on May 10, 2005 and January 27, 2009 to add services required to comply with FHWA, Caltrans and Fish and Wildlife Service mandated requirements that resulted from negotiations between these agencies.

This Amendment No. 3 further modifies the scope and budget to provide services to complete necessary engineering and environmental work for the projects. In general, the services are required to provide for additional new or revised requirements mandated by Caltrans and FHWA thus requiring the preparation of additional documents, studies, and design changes, design revisions to implement options to reduce construction cost and accelerate schedule, aesthetic treatment as requested by the cooperating cities, utility potholing to a major gas line, additional utility relocation design for impacted utilities and the reevaluation of the environmental document. These revisions include the design of a retaining wall to save the project cost of acquiring right-of-way and avoid lengthy delays to the schedule.

The cost proposal negotiated by the County staff with the consultant is for \$363,437.

The recommended Amendment No. 3 cost increases have been reviewed and approved by CVAG and CVAG staff concurs with the revised contract amount.

#### I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects

#### **AMENDMENT NO. 3**

2 **AMENDMENT TO AGREEMENT BETWEEN** THE COUNTY OF RIVERSIDE AND PB AMERICAS, INC. (dba, PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.) THIS AMENDMENT NO. 3 (hereinafter the "Amendment 3") to an agreement is made and entered into as of this 6 day of \_\_\_\_\_, 2010, by and between the County of Riverside, a political subdivision of the State of California (hereinafter the "COUNTY"); and PB Americas Inc. (dba, Parsons Brinckerhoff, Quade & Douglas, 9 Inc.) (hereinafter "ENGINEER"). **RECITALS** 11 A. COUNTY and ENGINEER have entered into an agreement entitled "Engineering Services Agreement for I-10 at Palm Drive/Gene Autry Trail and Date Palm Drive Interchanges Transportation Department and Parsons Brinckerhoff Quade & Douglas, Inc." that is dated June 22, 1999 and two amendments that are 14 dated May 10, 2005 and January 27, 2009. The Agreement and all prior Amendments provide the terms and conditions, scope of work, schedule, and budget for the performance of professional and technical services necessary to obtain environmental clearance, prepare plans, specifications and estimates and 17 provide construction support services. Subsequent to execution of the original agreement, ENGINEER's 18 name changed from Parsons Brinckerhoff Quade & Douglas, Inc. to PB Americas Inc. and will henceforth 19 be know as PB Americas Inc... B. Modification of the Scope of Services is required to allow for additional services necessary as a result of new and changing requirements imposed by the State Department of Transportation. 22 C. The parties desire to amend the Agreement to modify the scope of service to be provided by the ENGINEER and increase the contract budget. **AGREEMENT** 25 NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties agree as follows: 26 1. Appendix A is amended to provide the additional services as described in Attachment A (Scope of Services) attached hereto and incorporated herein. 27

2. Appendix C, Article CV is amended by increasing the current total contract budget as described in Attachment B (Fee Proposal Worksheet) by \$363,437 from \$3,651,352.95 to \$4,015,017.95 as

Engineering Services Agreement · Amendment No. 2

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#### I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects

provided below:

- Phase II budget is amended by increasing the amount by \$221,558.00 from \$1,987,749.77 to \$2,209,307.77.
- Phase IV budget is amended by increasing the amount by \$91,879.00 from \$185,045.50 to \$277,152.50.
- The overall budget is amended to provide an additional contingency in the amount of \$50,000.00.
- Except to the extent specifically modified or amended hereunder, all of the terms, covenants, and conditions of the Agreement as approved on June 22, 1999 and all prior Amendments, shall remain in full force and effect between the parties hereto.

/////

## I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects

RECOMMENDED FOR APPROVAL:  Dated: 2/2/3  Dated: 2/2/3  JUAN C. PEREZ  Director of Transportation  APPROVED AS TO FORM:  ENGINEER:  Dated: 4/1/10  PAMELA J. WALLS  County Counsel  APPROVAL BY THE BOARD OF SUPERVISORS  PRINTED NAME  Chairman, Riverside County Board of Supervisors  ATTEST:  Dated: KECIA HARPER-JHEM	APPROVALS				
Dated: 11/10  JUAN C. PEREZ  Director of Transportation  APPROVED AS TO FORM:  APPROVED AS TO FORM:  ENGINEER:  Dated:	vals	ENGIN	IEER Approval	S	
DIVIDED NAME  DIVIDED NAME  Chairman, Riverside County Board of Supervisors  Divided:  Divided:	D FOR APPROVAL:	ENGIN	EER:		
Marsha L. Victory PAMELA J. WALLS County Counsel  APPROVAL BY THE BOARD OF SUPERVISORS  PRINTED NAME Chairman, Riverside County Board of Supervisors  ATTEST:  Dated: Dated:	<u>.</u>	50	, 11 <b>0</b> 112	Sauger	:1429/09
PAMELA J. WALLS  County Counsel  TITLE  APPROVAL BY THE BOARD OF SUPERVISORS  Dated:  PRINTED NAME  Chairman, Riverside County Board of Supervisors  ATTEST:  Dated:  Dated:  Dated:	TO FORM:	ENGIN	EER:		
APPROVAL BY THE BOARD OF SUPERVISORS  Dated:  PRINTED NAME Chairman, Riverside County Board of Supervisors  ATTEST: Dated:	•	PRINTED	NAME	Dated	:
PRINTED NAME Chairman, Riverside County Board of Supervisors  ATTEST:  Dated:	THE BOARD OF SUPE	TITLE			
Dated:					
KECIA HARPER-IHEM	Dated: _				
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Clerk to the Board	rd .				

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## I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects ATTACHMENT A – SCOPE OF SERVICES

#### A. Prepare Right of Way Data Sheet for Palm Drive and Date Palm Drive

At the time of contract initiation, Right-of-Way Data Sheets were prepared by Caltrans for locally managed projects. Changes to Caltrans policy now requires that the Local Agency prepare the Right-of-Way Data Sheets on all locally managed projects. PB prepared one set of data sheets for each interchange with approximately 10 pages per set.

#### B. Prepare Additional Design Plans for Overhead Sign Structures on Palm Drive

The City of Palm Springs requested sign changes for two existing signs to provide additional direction to the city. PB attended several focus meetings, prepared revision to four plan sheets, modified standard special provisions, and prepared an engineer's estimate for the requested sign revisions.

# C. Prepare Design and Plans for Retaining Wall Adjacent to Date Palm Drive to Avoid Encroachment on Tribal Land

The original design proposed a minor right-of-way acquisition, east of Date Palm Drive, between Union Pacific Railroad (UPRR) and I-10 to accommodate the slope created by the widening of the roadway. It was later determined that this portion of the land is under Native American Tribal control and acquisition would require lengthy and costly negotiations involving Bureau of Indian Affairs (BIA). To eliminate this lengthy acquisition process, a retaining wall was proposed to mitigate this issue. Scope of work includes design and geotechnical work in support of the retaining wall design and the revisions to plan sheets L-3, L-6, G-3, G-6 and the addition of sheets R-4 and a log of test borings.

# D. Prepare Design and Plans for Retaining Wall on East Side of Date Palm Drive from Sta. 16+65 to 16+90

The existing easements acquired, by Cathedral City, for construction of the railroad overhead is not adequate to construct the fill necessary to support metal beam guard rail at the bridge approach and will extend into UPRR right of way. The cost and delay related to obtaining construction permits from UPRR is anticipated to be more expensive than constructing a retaining wall along the east side of Date Palm Drive. The wall is envisioned as a southerly extension of the UPRR overhead bridge rail. The scope of work includes revisions to sheets L-6, G-6 and the addition to sheet R-5.

#### I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects

## E. Prepare Design and Plans for Retaining Walls at the Abutments on Date Palm Drive

The design of the bridge, wing walls and tieback walls were prepared using a 2:1 slope configuration. The slope requirements were changed by Caltrans from 2:1 to 4:1 which altered the design and required significantly more retaining walls than what was originally scoped in the design. The scope of work includes revisions in sheets R-6 and R-7.

### F. Prepare Additional Water Line Relocation Plans on Date Palm Drive

The Coachella Valley Water District (CVWD) owns a 30-inch domestic water supply line that generally parallels I-10, north of and in the vicinity of the Date Palm Drive Interchange. Since the execution of Amendment No. 2, which provided the design of approximately 1000 feet of water line relocation, CVWD has requested that the relocation of their water line be extended an additional 400 feet to avoid placement of the water line in the side slope. Consultant will prepare plans, profile, easement, and a cost estimate for the additional 400 feet of 30-inch water line northerly from the previously planned junction point. Revisions to sheet U-7 and CVWD design plans will be required.

#### G. Assistance with Cooperative Agreements

Consultant provided assistance with preparing, processing and attending extra meetings to assist County and cities with the Caltrans Maintenance and Cooperative Agreements. Focus meetings requested by County to assist in the formation of maintenance agreements in March 2007 and May 2007.

#### H. Additional Potholes

The retaining wall designed to avoid impacting the tribal lands, impacts a major north south gas line. It is anticipated that the gas line will be relocated as a part of the retaining wall plan. However, after working with the Gas Company on the relocation costs, it was determined to be more cost effective to redesign the retaining wall to avoid impacting the gas line. Additional potholes are necessary to determine the exact location of the gas line.

### I. Provide Additional Drainage Design Due to Caltrans Required Change of "D" Ramp Configuration

Amendment No. 2 provided geometric and traffic changes for a "D" Ramp configuration for Date Palm Drive required by Caltrans. At that time, drainage impacts due to the "D" Ramp configuration were not anticipated. However, during the design process, it became evident that additional drainage designs would be required. Revisions to four profile sheets and two drainage sheets will be required.

#### I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects

#### J. Expansion of Life Cycle Cost Analysis Based on New Criteria set by Caltrans

The Life Cycle Cost Analysis (LCCA) identified in Amendment No. 2 was very limited and was prepared to satisfy the current understanding of PA&ED LCCA. Policy changes at Caltrans have required an elaborate LCCA, which includes expanded traffic studies and design sections.

#### K. Aesthetic Treatment Details for Palm Drive

Aesthetic Design was requested by the City of Palm Springs, on August 24, 2006. As a result of this request, PB retained CNS Engineers to incorporate the aesthetic designs developed jointly between PB, CNS, RCTD and the City into structural designs which were added to the structural drawings.

#### L. Changes in Signal Configuration for Edison Service Lines Which Impact Electrical Plans

PB has been working with Southern California Edison (SCE) and local cities to finalize the traffic signal and electrical plans for Date Palm Drive. Delays by SCE and the decision to modify the service strategy multiple times have caused the repeated redesign of the electrical drawings.

### M. Flood Plain Mini Study to Demonstrate Lack of Impact to Flood Plain

At the 95% plan review for Date Palm Drive, Caltrans requested the submittal of a Flood Plain Analysis. Although the environmental document addressed this issue and the new project would not alter the current flood plain, Caltrans has requested further verification. PB met with Caltrans on this issue and Caltrans has agreed that a Limited "Mini Study" which is reviewed and approved by the Coachella Valley Water District would eliminate the need for an expanded study.

#### N. Prepare Floodplain Elevation Study for Date Palm Drive (if necessary)

Prepare floodplain elevation study to comply with request from Caltrans. Provide report including HEC-RAS calculations to show minimal impact of new construction on the water surface elevation of the floodplain in the project area. This task would only be necessary if Coachella Valley Water District does not concur with the limited "Mini Study"

#### O. Engineering Support Preparation of Environmental Reevaluation

An environmental reevaluation is being prepared to assess additional areas of project impact associated with utility relocations. Additional engineering effort will be required for the preparation of exhibits and

I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects discussion of engineering features affected by the reevaluation. PB is providing support to Jones and Stokes on this task. PB will provide Jones and Stokes with the following in regards to the Date Palm Drive Environmental Revalidation:

- Layout and profile information for a new retaining wall east of Date Palm Drive between UPRR and I 10\_
- Additional right-of-way easements and affected areas required for relocation of SCE and CVWD utilities.

#### P. Irrigation System Relocation

After the field investigation and survey work was completed on the Date Palm Drive Project, Caltrans designed and constructed an 8" irrigation line along the north side of I-10 right of way. This line was discovered during one of the quality review checks. The line must be relocated to accommodate the new west bound on and off ramps. Plans will be prepared and submitted with the 100% plan submittal.

#### Q. Construction Support Services

CNS Engineers will assist PB in providing structural engineering support services during construction as directed by the County.

R. Prepare Additional "as-built" Sheets Needed for Erosion Control Plans, Ramp Metering and Interim Signal Adaptations

The following additional sheets have been added to Palm Drive and Date Palm Drive and the preparation of "As built" plans at the completion of the project will be required:

Date Palm Drive:

- 2 Typical Cross Sections
- 1 Profile and Superelevation Diagrams
- 5 Construction Details
- 8 Temporary Water Pollution Control
- 9 Drainage Plan, Profiles, Details and Quantities
- 2 Stage Construction and Traffic Handling Plan, Quantities and Detours
- 3 Sign Plan, Details and Quantities

## I-10 Palm Drive/Gene Autry Trail Interchange and I-10 Date Palm Drive Interchange Projects

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15 - Signals,	Lighting	and Electric	al Systems	Plan and	<b>Details</b>

Total Date Palm Drive = 52 Sheets

#### Palm Drive:

2 - Construction Details

7 - Retaining Walls

- 6 Drainage Plan, Profiles, Details and Quantities
- 2 Stage Construction and Traffic Handling Plan and Detours
- 2 Sign Plan, Details and Quantities
- 9 Signals, Lighting and Electrical Systems Plan and Details
- 2 Structures

Total Palm Drive = 23

ATTACHMENT B - FEE PROPOSAL WORKS	SUEET		
COMPANY:	SCOPE OF WORK	DATE:	REV:
PB AMERICAS, INC.	PA/ED, PS&E, Bid Support, and Construction Support	12/1/2009	
PROJECT: I-10 at Palm Drive/Gene Autry Trail & Date Palm Drive Interchanges		PHASE: Amendment 3	
PHASE II TASKS (PS&E)		AMOUNT	
A. Prepare Right of Way Data Sheet for Palm Drive and Date Pa	alm Drive	\$12,651.00	
B. Prepare Additional Design Plans for Overhead Sign Structure	on Palm Drive	\$5,137.00	
C. Prepare Design and Plans for Retaining Wall at Date Palm Di	rive to Avoid on Encroachment Tribal Land	\$54,744.00	
D. Prepare Design and Plans for Retaining Wall on East Side of	Date Palm Drive from Sta. 16+65 to Sta. 16+90	\$13,094.00	)
E. Prepare Design and Plans for Retaining Wall at Abutments or	n Date Palm Drive	\$24,045.00	
F. Prepare Additional Water Line Relocation Plans on Date Palm	n Drive	\$11,458.00	
G. Assistance with Cooperative Agreements		\$1,434.00	
H. Additional Potholes		\$10,812.00	
Provide Additional Drainage Design Due to Cattrans Required	I Changes "D" Ramp Configuration	\$11,576.00	<b>)</b>
J. Expansion of Life Cycle Cost Analysis Based on New Caltran	s Criteria set by Caltrans	\$9,884.00	)
K. Aesthetic Treatment Details for Palm Drive		\$16,308.00	)
L. Changes in Signal Configuration for Edison Service Lines Wh	ich Impact Electrical Plans	\$20,000.00	
M. Flood Plain Mini Study to Demonstrate Lack of Impact to Floo	d Plain	\$5,485.00	
N. Prepare Floodplain Elevation Study for Date Palm Drive (if ne	cessary)	\$18,007.00	
O. Engineering Support for Environmental Reevaluation		\$2,514.00	
P. Irrigation System Relocation		\$4,409.00	)
			\$221,558.00
PHASE IV TASKS (CONSTRUCTION SUPPORT)		AMOUNT	
Q. Construction Support Services		\$78,079.00	
R. Prepare Additional "as-built" Sheets Needed for Erosion Cont	rol Plans, Ramp Metering and Interim Signal Adaptations	\$13,800.00	
			\$91,879.00
CONTINGENCY		AMOUNT	
CONTINGENCY		\$50,000.00	
			\$50,000.00
		TOTAL COST	\$363,437.00

## ATTACHMENT B - FEE PROPOSAL WORKSHEET Phase/Task Financial Summary

Pna	se/Task Financial Summary		•	·				
		PHASE I PA/ED	PHASE II PS&E	PHASE III BID SUPPORT	PHASE IV CONST SUPPORT	PHASE \		TOTAL
Orig	jinal Budget Including Amendment No. 1 and 2	\$1,142,279.38	\$1,987,749.77	\$37,541.30	\$185,045.50	\$228,737.0	\$79,660.6	0 \$3,651,352.9
Ame	endment No. 3		\$221,558.00		\$91,879.00		\$50,000.0	0 <b>\$363,</b> 437.0
A.	Prepare Right of Way Data Sheet for Palm Drive and Date Palm Drive		\$12,651.00					\$12,651.00
	Prepare Additional Design Plans for Overhead Sign Structure on Paim Drive		\$5,137.00					\$5,137.00
 	Prepare Design and Plans for Retaining Wall at Date Palm Drive to Avoid on Encroachment Tribal Land  Prepare Design and Plans for Retaining Wall on East Side of Date Palm Drive from Sta.		\$54,744.00					\$54,744.00
	16+65 to Sta. 16+90  Prepare Design and Plans for Retaining Wall at Abutments on Date Palm Drive		\$13,094.00					\$13,094.00
F.	Prepare Additional Water Line Relocation Plans on Date Palm Drive		\$24,045.00					\$24,045.00
G.	Assistance with Cooperative Agreements		\$11,458.00	·				\$11,458.00
Н.	Additional Potholes		\$1,434.00 \$10,812.00					\$1,434.00 \$10,812.00
I.	Provide Additional Drainage Design Due to Caltrans Required Changes "D" Ramp Configuration		\$11,576.00					\$11,576.00
J.	Expansion of Life Cycle Cost Analysis Based on New Caltrans Criteria set by Caltrans		\$9,884.00					\$9,884.00
K.	Aesthetic Treatment Details for Palm Drive		\$16,308.00					\$16,308.00
	Changes in Signal Configuration for Edison Service Lines Which Impact Electrical Plans		\$20,000.00					\$20,000.00
	Flood Plain Mini Study to Demonstrate Lack of Impact to Flood Plain  Prepare Floodplain Elevation Study for Date Palm Drive (if necessary)		\$5,485.00					\$5,485.00
	Engineering Support for Environmental Reevaluation		\$18,007.00					\$18,007.00
	Irrigation System Relocation		\$2,514.00					\$2,514.00
Q.	Construction Support Services		\$4,409.00					
R.	Prepare Additional "as-built" Sheets Needed for Erosion Control Plans, Ramp Metering and Interim Signal Adaptations				\$78,079.00			\$78,079.00
Con	tingency				\$13,800.00		\$50,000.0	\$13,800.00
Prop	posed Budget	\$1,142,279.38	\$2,209,307.77	\$37,541.30	\$276,924.50	\$228,737.6	0 \$120,000.	34,014,789.95

MPANY:	OSAL WORKSHEET   SCOPE OF WORK	DATE:	REV:
B AMERICAS, INC.	PA/ED, PS&E, Bid Support, and Construction Support	12/1/2009	
DJECT: 10 at Palm Drive/Gene Autry Trail		PHASE: Amendment 3	-
HASE II TASKS (PS&E)		AMOUNT	
A. Prepare Right of Way Data Sheet for Pal	m Drive and Date Polm Drive	\$6,389.00	
B. Prepare Additional Design Plans for Over		\$5,137.00	
	Wall at Date Palm Drive to Avoid on Encroachment Tribal Land		
D. Prepare Design and Plans for Retaining \	Wall on East Side of Date Palm Drive from Sta. 16+65 to Sta. 16+90		
E. Prepare Design and Plans for Retaining \	Wall at Abutments on Date Palm Drive		
F. Prepare Additional Water Line Relocation	Plans on Date Palm Drive		
G. Assistance with Cooperative Agreements		\$1,434.00	o l
H. Additional Potholes			
I. Provide Additional Drainage Design Due	to Caltrans Required Changes "D" Ramp Configuration		
J. Expansion of Life Cycle Cost Analysis Ba	sed on New Caltrans Criteria set by Caltrans	·	
K. Aesthetic Treatment Details for Palm Driv	re	\$16,308.00	o
L. Changes in Signal Configuration for Edisc	on Service Lines Which impact Electrical Plans		
M. Flood Plain Mini Study to Demonstrate La	ack of Impact to Flood Plain		:
N. Prepare Floodplain Elevation Study for D			
1. Trepare Floodplain Elevation Study for Da	are rain Drive (ii necessary)		
D. Engineering Support for Environmental R	eevaluation		
P. Irrigation System Relocation			
			\$29,268
HASE IV TASKS (CONSTRUCTION SUPPO	<b>an)</b>	AMOUNT	·
Q. Construction Support Services		\$32,983.00	
R. Prepare Additional "as-built" Sheets Need	led for Erosion Control Plans, Ramp Metering and Interim Signal Adaptations	\$9,200.00	
			\$42,183
ONTINGENCY		AMOUNT	₽42,183
CONTINGENCY		\$5,000.00	
		<del>45,550.50</del>	
			\$5,000

MPANY:	SAL WORKSHEET SCOPE OF WORK	DATE:	REV:
B AMERICAS, INC.	PA/ED, PS&E, Bid Support, and Construction Support	12/1/2009	
DJECT:  10 at Date Palm Drive Interchanges		PHASE:	1
_		Amendment 3	80
HASE II TASKS (PS&E)	Section 19 Control of the Control of	AMQUNT	
A. Prepare Right of Way Data Sheet for Pal	m Drive and Date Palm Drive	\$6,262.00	
3. Prepare Additional Design Plans for Over	head Sign Structure on Palm Drive		
C. Prepare Design and Plans for Retaining \	Wall at Date Palm Drive to Avoid on Encroachment Tribal Land	\$54,744.00	
D. Prepare Design and Plans for Retaining \	Vall on East Side of Date Palm Drive from Sta. 16+65 to Sta. 16+90	\$13,094.00	
E. Prepare Design and Plans for Retaining \	Vall at Abutments on Date Palm Drive	\$24,045.00	'
F. Prepare Additional Water Line Relocation	Plans on Date Palm Drive	\$11,458.00	
G. Assistance with Cooperative Agreements			
H. Additional Potholes		\$10,812.00	,
Provide Additional Drainage Design Due	to Caltrans Required Changes "D" Ramp Configuration	\$11,576.00	
	sed on New Caltrans Criteria set by Caltrans	\$9,884.00	,
		\$6,55 1.00	
K. Aesthetic Treatment Details for Palm Driv	e		
L. Changes in Signal Configuration for Edisc	on Service Lines Which Impact Electrical Plans	\$20,000.00	
M. Flood Plain Mini Study to Demonstrate La	ick of Impact to Flood Plain	\$5,485.00	)
N. Prepare Floodplain Elevation Study for D	ate Palm Drive (if necessary)	\$18,007.00	,
		#0.544.00	
Engineering Support for Environmental R	eevaluation	\$2,514.00	,
P. Irrigation System Relocation		\$4,409.00	)
			\$192,290
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Q. Construction Support Services		\$45,096.00	
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Prepare Additional "as-built" Sheets Need	led for Erosion Control Plans, Ramp Metering and Interim Signal Adaptations	\$4,600.00	
			\$49,69
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CONTINGENCY		\$45,000.00	,
			\$45,00

### APPRIOLA ADDITIVES @ 157.90% (of Total Direct Labor + Escalation)	COST PROPOSAL WORKSI	SCOPE OF WO	PRK			***	DATE:		REV:
PART						:			
		EXTRA RIGH	T OF WAY DATA	SHEETS FOR PALA	A DRIVE				
### PRESONEL PROCESS   PANCHON   HOURS   RATE   AMOUNT      Cony Visitingers: Project Manager   33.50   v   60.42   2.117.01     Merita Cards   Administrate Support   3.00   v   60.42   2.117.01     Merita Cards   Administrate Support   3.00   v   60.42   2.117.01     Merita Cards   Administrate Support   3.00   v   60.45   199.75     MULTIPLIERS   199.75   199.75   199.75   199.75     SIGNALATION   9   (*** Tub) Procl. Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Support     AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.60% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION   9   157.00% of "Total Direct Liber + Total Multipress   157.00%     9   AVIOLATION		TERCHANGE AND DATE PALM DE	BIVE INTERCHANG	SE PROJECTS			PHASE:		
PERSONNEL			WE WITEHON WITE	az 177002070					·
Casy Wrangerst		EUNICTION		HOURE		DATE	AMOUNT	т	1
### Martin Gardia Administrative Support 3.00 e 38.35 109.05  ###################################	FERSONNEL	FONCTION		HOURS		RAIE	AMOUN		
### Martin Gardia Administrative Support 3.00 e 38.35 109.05  ###################################									
### Martin Gardia Administrative Support 3.00 e 38.35 109.05  ###################################	Com Winterson	Declarable and a			_			0.447.04	
### TOTAL HOURS   33.50   TOTAL DRIECT LABOR   2,226 ##################################					-				
### PATRICLES ##	marina darota	riamination copport		6.00	•	00.00		100.00	
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NUTSIDE SERVICES (w/o fee)   Company   LABOR   MULTIPLIER   Expension   TOTAL OUTSIDE SERVICES (inc)   TOTAL OUTSIDE SERVICES (inc)   TOTAL OUTSIDE SERVICES   TOTAL OUTS		TO	TAI HOURS	22.50			TOTAL DIRECT	LI ABOR	2 226
SCALATION @			TAL HOURS	33.50			TOTAL DIRECT	LABOR	2,220
VARIACLA DOTTIVES @ 157.30% (of Total Direct Labor + Escalation)   3,515.42	MULTIPLIERS								
### PAYROLL ADDITIVES @ 157.90% (of Total Direct Labor + Escalation)	ESCALATION @		1114						
### DITECT EXPENSES ### Billed at Actual Cost ###    TEM	OVERHEAD @	(of Total Direc	t Labor + Escalation	on)					
THER DIRECT EXPENSES	PAYROLL ADDITIVES @	157.90% (of Total Direc	t Labor + Escalation	on)			TOTAL MUNT		0.545
TEM	÷						TOTAL MULT	IPLIERS	3,515.
REPRODUCTION  XEROX 500 SHEETS @ 0.10 50.00  BLUELINE 0.05  SOUARE FEET 0.05  AILLENGE 45 MILES @ 0.55 24.75  AIALING / FED EX 15.00  TOTAL OTHER DIRECT EXPENSES 74.  DUTSIDE SERVICES (wo fee)  COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, inc. Shambers Group Inland Aerial Surveys NISE Engineers Conness & Stokes Converse  Late Engineering  TOTAL OUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572	OTHER DIRECT EXPENSES								1
XEROX   500   SHEETS   0   0.10   50.00     BLUELINE   SQUARE FEET   0.05     ANALING	ITEM	QUAN	ITITY	UNIT		UNIT COST	AMOUN"	Т	
### SQUARE FEET 0.05 #### 0.05	REPRODUCTION						İ		
ANLING / FED EX	XEROX	50	00	SHEETS	@	0.10		50.00	
ANALING / FED EX  LUMP SUM 15.00  TOTAL OTHER DIRECT EXPENSES 74  DUTSIDE SERVICES (w/o fee)  COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Iones & Slokes Converse Attace Engineering  TOTAL OUTSIDE SERVICES  PB AMERICAS, INC. © 010.00% (of Total Direct Labor + Total Multipliers (1.573)) 572.84  TOTAL FEES  TOTAL FEES 572									
TOTAL OTHER DIRECT EXPENSES 74  COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys SNS Engineers Iones & Stokes Converse Value Engineering  TOTAL OUTSIDE SERVICES  PE AMERICAS, INC. © 010.00% (of Total Direct Labor + Total Multipliers (1.573))  TOTAL FEES  TOTAL FEES  TOTAL FEES 572		4	5		@			24.75	
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group niland Aerial Surveys CNS Engineers Iones & Stokes Converse Actec Engineering  TOTAL OUTSIDE \$ERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  TOTAL FEES  TOTAL FEES  TOTAL FEES  TOTAL FEES  572	THE TENENT PLANTS			LOWF SOW		15.00			
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group niland Aerial Surveys CNS Engineers Iones & Stokes Converse Actec Engineering  TOTAL OUTSIDE \$ERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  TOTAL FEES  TOTAL FEES  TOTAL FEES  TOTAL FEES  572									
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group niland Aerial Surveys CNS Engineers Iones & Stokes Converse Actec Engineering  TOTAL OUTSIDE \$ERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  TOTAL FEES  TOTAL FEES  TOTAL FEES  TOTAL FEES  572									
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group niland Aerial Surveys CNS Engineers ones & Stokes Converse Autec Engineering  TOTAL OUTSIDE \$ERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572									
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group niland Aerial Surveys CNS Engineers Iones & Stokes Converse Actec Engineering  TOTAL OUTSIDE \$ERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  TOTAL FEES  TOTAL FEES  TOTAL FEES  TOTAL FEES  572									
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys INS Engineers Iones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE ® 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572						TOTAL OT	HER DIRECT EX	PENSES	74.
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys INS Engineers Iones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE ® 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572	NUTSIDE SERVICES (m/o too)								
Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Iones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  PESS  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572		LAB	OR	MULTIPLIER		EXPENSES	TOTAL		
Chambers Group Inland Aerial Surveys CNS Engineers Iones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  PEES  DUTSIDE SERVICES ADMIN FEE ② 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. ② 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572									
Inland Aerial Surveys  CNS Engineers  Iones & Stokes  Converse  Aztec Engineering  TOTAL OUTSIDE SERVICES  FEES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572									
ENS Engineers ones & Stokes Converse Autec Engineering  TOTAL OUTSIDE SERVICES  FEES  DUTSIDE SERVICES ADMIN FEE ② 2.00% (of Total Outside Services & Outside Services Fees) PB AMERICAS, INC. ② 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572									
Iones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE \$ERVICES  FEES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572									
TOTAL OUTSIDE \$ERVICES  FEES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572									
TOTAL OUTSIDE SERVICES  PE AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572	Converse								
PEES  DUTSIDE SERVICES ADMIN FEE ② 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. ② 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572	Aztec Engineering						TAL OUTOIDE OF	-DV40-0	
DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  TOTAL FEES 572						TC	TAL OUTSIDE SE	EHVICES	
PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573)) 572.84  TOTAL FEES 572	FEES								_
TOTAL FEES 572	OUTSIDE SERVICES ADMIN FEE @	2.00% (of Total Outs	ide Services & Ou	tside Services Fees	)				
TOTAL FEES 572	PB AMERICAS, INC. @	010.00% (of Total Direc	t Labor + Total Mu	ultipliers(1.573))				572.84	
TOTAL 2007							тот	AL FEES	572

COST PROPOSAL WORKSH	FFT					
COMPANY:	SCOPE OF WO	DRK			DATE:	REV:
DD AMEDICAG THO	<b></b>	T OF MAY 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	m			
PB AMERICAS, INC. PROJECT:	EXTRA RIGH	T OF WAY DATA SHEETS, DATE	PALM DRIV		PHASE:	<u> </u>
I-10 PALM DRIVE/GENE AUTRY TRAIL INTE	ERCHANGE AND DATE PALM DE	RIVE INTERCHANGE PROJECTS			i rinoc.	
DIRECT LABOR						٦
PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT	-
Gary Wintergerst	Project Manager	30.50	@	\$69.42	\$2,117.31	
Martha Garcia	Administrative Support	2.00	@	\$36.35	\$72.70	
	TO	TAL HOURS 32.50			TOTAL DIRECT LABOR	\$2,190.01
ANULTINUEDO						
MULTIPLIERS						· ·
ESCALATION @						_
OVERHEAD @		ct Labor + Escalation)				
PAYROLL ADDITIVES @	157.90% (of Total Direc	ct Labor + Escalation)			\$3,458.03 TOTAL MULTIPLIERS	\$3,458.03
					TOTAL WOLTH EILIG	ψ0,400.00
OTHER DIRECT EXPENSES	Billed at Actual Cost					
ITEM	QUAN	ITITY UNIT		UNIT COST	AMOUNT	
REPRODUCTION						
XEROX	50	00 SHEETS	@	\$0.10	\$50.00	
BLUELINE	50	SQUARE FEE		\$0.05	\$50.00	
MILEAGE		MILES		\$0.550		
MAILING / FED EX		LUMP SUM		\$15.00		
				TOTAL OT	HER DIRECT EXPENSES	\$50.00
OUTCOME CERVICES (***					i	
OUTSIDE SERVICES (w/o fee)  COMPANY	1.00	100 200 200	, Т	EXPENSES	TOTAL	1
COMPANY	LAB	OR MULTIPLIER	<u> </u>	EAPENSES	TOTAL	
Earth Mechanics, Inc.						
Chambers Group						
Inland Aerial Surveys						
CNS Engineers						
Jones & Stokes						
Converse Aztec Engineering						
				ΤΩ	TAL OUTSIDE SERVICES	
FEES						-
OUTSIDE SERVICES ADMIN FEE @	2.00% (of Total Outs	ide Services & Outside Services F	ees)			]
PB AMERICAS, INC. @	010.00% (of Total Direc	t Labor + Total Multipliers(1.573))			\$563.49	7
					1	
					TOTAL FEES	\$563.49
					TOTAL COST	\$6,261.53

OMPANY:		SCOPE OF WORK			_	DATE:	REV:	
PB AMERICAS, INC.		I-10 PALM DRIVE/GENE AL	JRTY TRAIL INTERCHA	NGES SI	GNS			
DJECT:						PHASE:		
10 / PALM DRIVE / GENE AUTRY	TRAIL INTERCHANGE A	ND DATE PALM INTERCHANG	GES					
RECT LABOR					-			
PERSONNEL	F	UNCTION	HOURS		RATE	AMOUNT		
Gary Wintergerst	Project Mana	-	8.0	@	\$69.42		55.36	
Melissa Rodriguez Courtney Otubuah	Engineer Sup Engineer Sup		8.0 10.0	@ @	\$39.01 \$38.27		12.08 82.70	
Hector Hernandez	CADD Suppo		15.0	œ	\$37.41		61.15	
					\$36.56			
					\$39.06			
					\$45.68			
					\$26.70 \$55.55			
					\$39.49			
					\$41.48			
					\$32.38			
					\$44.85			
					\$27.30 \$34.96			
					\$34.79		'	
<del>.</del>		TOTAL HOURS	41			TOTAL DIRECT LA	ABOR	\$1,81
		_						
ULTIPLIERS								
SCALATION @		(Rate)						
OVERHEAD @		(of Total Direct Labor + Esca						
AYROLL ADDITIVES @	157.90	% (of Total Direct Labor + Esca	alation)			\$2,8 TOTAL MULTIPL	60.03	\$2,86
						TOTALWOLTER		Ψ2,00
THER DIRECT EXPENSES		ctual Cost •••						
	ITEM	QUANTITY	UNIT		UNIT COST	AMOUNT		
EPRODUCTION								
XEROX			SHEETS		\$0.10			
BLUELINE			SQUARE FEET		\$0.05			
IILEAGE			MILES		\$0.550			
IAILING / FED EX			LUMP SUM	,	\$1,000.00			
					TOTAL OT	HER DIRECT EXPE	NSES	
OUTSIDE SERVICES (w/o fee)								
COMPAN	ıY	LABOR	MULTIPLIER	L.	EXPENSES	TOTAL		
arth Mechanics, Inc.								
Chambers Group								
land Aerial Surveys								
nland Aerial Surveys NS Engineers								
	.,				TO	TAL OUTSIDE SERV	ICES	
NS Engineers					ТО	TAL OUTSIDE SERV	ICES	
NS Engineers EES					то	TAL OUTSIDE SERV	rices	
NS Engineers	ð 2.00	% (of Total Outside Services &	Outside Services Fees)	,	тс	TAL OUTSIDE SERV	/ICES	
NS Engineers		% (of Total Outside Services & % (of Total Direct Labor + Tota		,	тс		FICES 66.04	
NS Engineers  EES  UTSIDE SERVICES ADMIN FEE					то		66.04	\$44

COST PROPOSAL WORKS		COPE OF WORK				DATE:		REV:
PB AMERICAS, INC.	D	ATE PALM DRIVE - RET	AINING WALL DESIGN F	OR SE QUA	AD			
OJECT: -10 PALM DRIVE/GENE AUTRY TRAIL	INTERCHANGE AND DA	TE PALM DRIVE INTERC	CHANGE PROJECTS			PHASE:		
DIRECT LABOR			•					
PERSONNEL	FUNC	CTION	HOURS		RATE	AMOU	NT	]
Gary Wintergerst	Project Manager		42.00	@	\$69.42		\$2,915.64	
Fure-lin Jeang	Senior Structure				\$61.15			
Jim Liao	Senior Structure		18.00	@	\$57.60		\$1,036.80	
Larry Dodd	Structure Enginee	ır	27.50		\$53.73		\$1,477.58	
Marge Furiscal	Engineer			_	\$36.56		:	
Charlene Cassidy	Senior Engineer		12.00	@	\$41.41		\$496.92	
Courtney Otubuah Vikrant Sanghai	Engineer Support Engineer Support		100.00 120.00	@ @	\$38.27 \$32.01		\$3,827.00 \$3,841.20	
Dennis Serafica	Traffic Engineer		120.00	e.	\$55.55		\$3,041.20	
Kevin Keller	Engineer Support				\$39.49			
Ryan Yoshimura	Engineer Support				\$41.48			
Melissa Rodriguez	Engineer Support				\$32.38			
Stephanie Oslick	Environmental Pla	nner -			\$44.85			
Veronica Chan	Environmental Pla	nner			\$27.30			
Larry Kuester	CADD Support				\$35.96			
Martha García	Administrative Su	pport	6.00	@	\$36.35		\$218.10	
		TOTAL HOURS	325.50			TOTAL DIRE	CT LABOR	\$13,813.
								, , , , , , , , , , , , , , , , , , , ,
MULTIPLIERS ESCALATION @ OVERHEAD @ PAYROLL ADDITIVES @		of Total Direct Labor + Es					\$21.811.11	
SCALATION @  DVERHEAD @		of Total Direct Labor + Es of Total Direct Labor + Es				TOTAL MUI	21,811.11 TIPLIERS	\$21,811
SCALATION @  DVERHEAD @  AYROLL ADDITIVES @	157.90% (c	of Total Direct Labor + Es		-				\$21,811
SCALATION @  VERHEAD @  AYROLL ADDITIVES @	157.90% (c	of Total Direct Labor + Es			UNIT COST		LTIPLIERS	\$21,811
SCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES	157.90% (c	of Total Direct Labor + Es	scalation)		UNIT COST	TOTAL MUI	LTIPLIERS	\$21,811.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION	157.90% (c	of Total Direct Labor + Es al Cost ••• QUANTITY	calation)  UNIT			TOTAL MUI	TIPLIERS	\$21,811.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX	157.90% (c	of Total Direct Labor + Es	unit SHEETS	@	\$0.10	TOTAL MUI	LTIPLIERS	\$21,811.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE	157.90% (c	of Total Direct Labor + Es al Cost ••• QUANTITY	unit  SHEETS SQUARE FEET	•	\$0.10 \$0.05	TOTAL MUI	TIPLIERS	\$21,811.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE  MILEAGE	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MUI	NT \$300.00	\$21,811.
SCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  IEPRODUCTION  XEROX  BLUELINE  IILEAGE	157.90% (c	of Total Direct Labor + Es al Cost ••• QUANTITY	unit  SHEETS SQUARE FEET	e e	\$0.10 \$0.05	TOTAL MUI	TIPLIERS	\$21,811.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE  MILEAGE	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MUI	NT \$300.00	\$21,811.
SCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  IEPRODUCTION  XEROX  BLUELINE  IILEAGE	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MUI	NT \$300.00	\$21,811
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE  MILEAGE	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MUI	NT \$300.00	\$21,811.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE  MILEAGE	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MUI	NT \$300.00	\$21,811.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	·
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE  MILEAGE	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	•
SCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DITHER DIRECT EXPENSES  ITEL REPRODUCTION XEROX BLUELINE RILEAGE MAILING / FED EX	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	•
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE  MILEAGE  MAILING / FED EX	157.90% (c	of Total Direct Labor + Es	UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	·
ESCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DTHER DIRECT EXPENSES  ITEL REPRODUCTION XEROX BLUELINE HILLEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	•
ESCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DITHER DIRECT EXPENSES  ITEL REPRODUCTION XEROX BLUELINE MILEAGE AAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	•
ESCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DTHER DIRECT EXPENSES  ITEL REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee) COMPANY Carth Mechanics, Inc.	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	NT \$300.00 \$100.00	·
ESCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DTHER DIRECT EXPENSES  ITEL REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group nland Aerial Surveys	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	NT \$300.00 \$100.00	·
ESCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DTHER DIRECT EXPENSES  THE  REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group hand Aerial Surveys ENS Engineers	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	NT \$300.00 \$100.00	•
ESCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DTHER DIRECT EXPENSES  THE  REPRODUCTION XEROX BLUELINE MILLEAGE MAILING / FED EX  COMPANY  Carth Mechanics, Inc. Chambers Group hand Aerial Surveys CNS Engineers ones & Stokes	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	NT \$300.00 \$100.00	•
ESCALATION @  PAYROLL ADDITIVES @  PAYROLL ADDITIVE ADDITIVES @  PAYROLL	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	NT \$300.00 \$100.00	•
ESCALATION @  PAYROLL ADDITIVES @  PAYROLL ADDITIVE ADDITIVES @  PAYROLL	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	\$300.00 \$100.00 \$200.00	\$400
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  ITEL  REPRODUCTION  XEROX  BLUELINE  MILEAGE  MAILING / FED EX  COMPANY  Earth Mechanics, Inc. Chambers Group  nland Aerial Surveys  ENS Engineers  lones & Stokes  Converse	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	\$300.00 \$100.00 \$200.00	\$400
ESCALATION @ DVERHEAD @ PAYROLL ADDITIVES @ DITHER DIRECT EXPENSES  REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, Inc. Chambers Group hand Aerial Surveys NS Engineers ones & Stokes Converse Converse Cytec Engineering	157.90% (c	of Total Direct Labor + Es	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	\$300.00 \$100.00 \$200.00	\$400
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  THE  REPRODUCTION  XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys ENS Engineers Iones & Stokes Converse Extec Engineering	157.90% (c  →→ Billed at Actua  M	at Total Direct Labor + Es  at Cost ***  QUANTITY  3000  1	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	\$400
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  THE  REPRODUCTION  XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys INS Engineers IONES & Stokes Converse Index Engineering  TESS  DUTSIDE SERVICES ADMIN FEE @	157.90% (c	of Total Direct Labor + Es  al Cost  QUANTITY  3000  1  LABOR	UNIT  SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER  & Outside Services Fees)		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	\$400.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  THE  REPRODUCTION  XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys ENS Engineers Iones & Stokes Converse Extec Engineering	157.90% (c	at Total Direct Labor + Es  at Cost ***  QUANTITY  3000  1	UNIT  SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER  & Outside Services Fees)		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	\$400.
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, Inc. Chambers Group Paland Aerial Surveys ENS Engineers Cones & Stokes Converse Extec Engineering  DUTSIDE SERVICES ADMIN FEE @  DUTSIDE SERVICES ADMIN FEE @	157.90% (c	of Total Direct Labor + Es  al Cost  QUANTITY  3000  1  LABOR	UNIT  SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER  & Outside Services Fees)		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	\$300.00 \$100.00 \$14,867.66 \$297.35 \$3,554.15	\$400
ESCALATION @  DVERHEAD @ PAYROLL ADDITIVES @  DTHER DIRECT EXPENSES  THE  REPRODUCTION  XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys INS Engineers IONES & Stokes Converse Index Engineering  TESS  DUTSIDE SERVICES ADMIN FEE @	157.90% (c	of Total Direct Labor + Es  al Cost  QUANTITY  3000  1  LABOR	UNIT  SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER  & Outside Services Fees)		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MUI	**************************************	\$21,811. \$21,811. \$14,867.

	S	COPE OF WORK				DATE:		REV:
						DAIL.		1124
B AMERICAS, INC.		ATE PALM DRIVE - TA. 16+65 to 16 + 9			AT EAST SIDE			
JECT:						PHASE:		
0 PALM DRIVE/GENE AUTRY TRAIL IN	TERCHANGE AND DA	TE PALM DRIVE IN	TERCHANGE PROJECTS					
RECT LABOR								
PERSONNEL	FUNC	TION	HOURS		RATE	AMO	UNT	]
			*					
Gary Wintergerst	Project Manager		40.00	@	\$69.42		\$1,249.56	
Fure-lin Jeang	Senior Structure		18.00	e	\$61.15		\$1,249.56	
Jim Liao	Senior Structure		4.00	@	\$57.60		\$230.40	
Larry Dodd	Structure Enginee	er	4.00		\$53.73		\$214.92	
Marge Furiscal	Engineer				\$36.56		٠	
Charlene Cassidy	Senior Engineer				\$41.41			
Courtney Otubuah	Engineer Support		30.00	@	\$38.27		\$1,148.10	
Vikrant Sanghai Johnathon Eichelberger	Engineer Support Engineer Support		52.00	Ø	\$32.01 \$26.02		\$1,664.52	
Kevin Keller	Engineer Support				\$39.49			
Ryan Yoshimura	Engineer Support				\$41.48			
Melissa Rodriguez	Engineer Support				\$32.38			
Stephanie Oslick	Environmental Pla	nner			\$44.85			
Veronica Chan	Environmental Pla	nner			\$27.30			
Larry Kuester	CADD Support	_			\$35.96			,
Martha Garcia	Administrative Sup	pport	3.00	@	\$36.35		\$109.05	
•								
		TOTAL HO	URS 111.00			TOTAL DIRI	ECT LABOR	\$4,616
ULTIPLIERS								
SCALATION @								1
								•
/ERHEAD @		of Total Direct Labor	•					
		of Total Direct Labor of Total Direct Labor	•			TOTAL M	\$7,289.53	\$7.280
/ERHEAD @			•			TOTAL M	\$7,289.53 ULTIPLIERS	\$7,289
VERHEAD @ AYROLL ADDITIVES @ IHER DIRECT EXPENSES	157.90% (c	of Total Direct Labor	•			TOTAL MI	-	\$7,289
/ERHEAD @ AYROLL ADDITIVES @	157.90% (c	of Total Direct Labor	•		UNIT COST	TOTAL MI	ULTIPLIERS	\$7,289
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM	157.90% (c	of Total Direct Labor	+ Escalation)		UNIT COST		ULTIPLIERS	\$7,289
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT				ULTIPLIERS	\$7,289
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS		\$0.10		ULTIPLIERS	\$7,28\$
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION IEROX	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT				ULTIPLIERS	\$7,28\$
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION (EROX BLUELINE	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET		\$0.10 \$0.05		ULTIPLIERS	\$7,28\$
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION EEROX BLUELINE LEAGE	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485		ULTIPLIERS	\$7,285
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION EEROX BLUELINE LEAGE	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485		ULTIPLIERS	\$7,28\$
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION EEROX BLUELINE LEAGE	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485		ULTIPLIERS	\$7,28\$
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION EEROX BLUELINE LEAGE	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485		ULTIPLIERS	\$7,28\$
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION EEROX BLUELINE LEAGE	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485		ULTIPLIERS	\$7,289
VERHEAD @ AYROLL ADDITIVES @ ITHER DIRECT EXPENSES ITEM EPRODUCTION EEROX BLUELINE LEAGE	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00		ULTIPLIERS	\$7,28\$
VERHEAD @ AYROLL ADDITIVES @ ITEM EPRODUCTION (SEROX BLUELINE LEAGE AILING / FED EX	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	АМО	ULTIPLIERS UNT	\$7,289
VERHEAD @ AVROLL ADDITIVES @  IHER DIRECT EXPENSES  ITEM  EPRODUCTION  (EROX  SLUELINE  LEAGE  AILING / FED EX  JTSIDE SERVICES (w/o fee)	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,289
VERHEAD @ AYROLL ADDITIVES @ ITEM EPRODUCTION (SEROX BLUELINE LEAGE AILING / FED EX	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	АМО	UNT  EXPENSES	\$7,289
VERHEAD @ AYROLL ADDITIVES @  THER DIRECT EXPENSES  ITEM  EPRODUCTION  CEROX  BLUELINE  LEAGE  AILING / FED EX   JTSIDE SERVICES (w/o fee)  COMPANY	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,289
VERHEAD @ AVROLL ADDITIVES @  IHER DIRECT EXPENSES  ITEM  EPRODUCTION  (EROX  SLUELINE  LEAGE  AILING / FED EX  JTSIDE SERVICES (w/o fee)	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,289
VERHEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION  GEROX BLUELINE  LEAGE  AILING / FED EX   JTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc.	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,289
VERHEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION  GEROX BLUELINE  LEAGE  AILING / FED EX  JTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc.  leambers Group	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,289
VERHEAD @ AVROLL ADDITIVES @  IHER DIRECT EXPENSES  ITEM  EPRODUCTION  (EROX SLUELINE LEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  Inth Mechanics, Inc. Inambers Group and Aerial Surveys INS Engineers INS Engineer	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,289
FERHEAD @ AYROLL ADDITIVES @ ITEM  EPRODUCTION  (EROX SLUELINE LEAGE AILING / FED EX  ITH Mechanics, Inc. Inambers Group and Aerial Surveys US Engineers nes & Stokes INVERSE  AND THE METHOD TO THE M	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,289
VERHEAD @ AVROLL ADDITIVES @  IHER DIRECT EXPENSES  ITEM  EPRODUCTION  (EROX SLUELINE LEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  Inth Mechanics, Inc. Inambers Group and Aerial Surveys INS Engineers INS Engineer	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO THER DIRECT	UNT  EXPENSES	\$7,28
FERHEAD @ AYROLL ADDITIVES @ ITEM  EPRODUCTION  (EROX SLUELINE LEAGE AILING / FED EX  ITH Mechanics, Inc. Inambers Group and Aerial Surveys US Engineers nes & Stokes INVERSE  AND THE METHOD TO THE M	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO	UNT  EXPENSES	\$7,28
VERHEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION  GEROX BLUELINE LEAGE AILING / FED EX  ITHER  OTHER DIRECT EXPENSES  ITEM  EPRODUCTION  GEROX BLUELINE LEAGE AILING / FED EX  ITHER  OTHER DIRECT EXPENSES  ITEM  EPRODUCTION  GEROX  SLUELINE LEAGE AILING / FED EX  ITHER  OTHER DIRECT EXPENSES  ITEM  EPRODUCTION  GEROX  SLUELINE LEAGE  AILING / FED EX  ITHER  OTHER DIRECT EXPENSES  ITEM  EPRODUCTION  COMPANY  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION  EPRODUCTION  COMPANY  ITHER DIRECT EXPENSES  ITHER DIRECT EXPENSES  ITHER DIRECT EXPENSES  ITHER DIRECT EXPENSES  ITHER DIRECT EXP  ITHER DIRECT EXPENSES  ITHER DIRECT EXPENSES  ITHER DIRECT EXP  ITHER DIRECT EXPENSES  ITHER DIRECT EXPENSES  ITHER DIRECT EXP  ITHER DIRECT EXPENSES  ITHER DIRECT EXPENSES  ITHER DIRECT EXP  ITHER DIRECT EXPENSES  ITHER DIRECT EXP  ITHER DIRECT EXPENSES  ITHER DIRECT EXPENSES  ITHER DIRECT EXP  ITHER DIRECT EXP  ITH	157.90% (c	of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO THER DIRECT	UNT  EXPENSES	\$7,289
JERNEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM EPRODUCTION GEROX BLUELINE LEAGE AILING / FED EX  JUSTINE SERVICES (w/o fee)  COMPANY  Inth Mechanics, Inc. Inambers Group and Aerial Surveys INS Engineers INS Engineers INS Engineers INS Engineering  INSERGINEERING IN	### Billed at Actua	I Cost •••  QUANTITY  LABOR	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO THER DIRECT	UNT  EXPENSES	\$7,289
FERHEAD @ NYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION (EROX SILUELINE LEAGE AILING / FED EX  ITH Mechanics, Inc. Inambers Group and Aerial Surveys US Engineers Inces & Stokes Inverse Ince Engineering  ES  UTSIDE SERVICES ADMIN FEE @	157.90% (c	of Total Direct Labor  I Cost  QUANTITY  LABOR  of Total Outside Server	HESCAIATION)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER	5)	\$0.10 \$0.05 \$0.485 \$100.00	AMO THER DIRECT	UNT  EXPENSES  AL  SERVICES	\$7,289
JERNEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM EPRODUCTION GEROX BLUELINE LEAGE AILING / FED EX  JUSTINE SERVICES (w/o fee)  COMPANY  Inth Mechanics, Inc. Inambers Group and Aerial Surveys INS Engineers INS Engineers INS Engineers INS Engineering  INSERGINEERING IN	157.90% (c	of Total Direct Labor  I Cost  QUANTITY  LABOR  of Total Outside Server	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	AMO THER DIRECT	UNT  EXPENSES	\$7,289

MPANY:	HEET	OPE OF WORK					DATE:		REV:
B AMERICAS, INC.	DA	TE PALM DRIVE -	RETAINING	WALL AT ABUTI	MENTS				
<b>OJECT:</b> 10 PALM DRIVE/GENE AUTRY TRAIL IN'	TERCHANGE AND DATE	E PALM DRIVE IN	TERCHANGE	PROJECTS			PHASE:		
IRECT LABOR							'		
PERSONNEL	FUNCTI	ION		HOURS		RATE	АМО	UNT	
Gany Winterparet	Drainet Manager			00.00		#00 40		¢4 004 00	
Gary Wintergerst Fure-lin Jeang	Project Manager Senior Structure			26.00	æ	\$69.42 \$61.15		\$1,804.92	
Jim Liao	Senior Structure			10.00	@	\$57.60		\$576.00	
Larry Dodd	Structure Engineer			10.00		\$53.73		\$537.30	
Marge Furiscal	Engineer					\$36.56			
Charlene Cassidy	Senior Engineer					\$41.41			
Courtney Otubuah	Engineer Support			54.00	@	\$38.27		\$2,066.58	
Vikrant Sanghai Johnathon Eichelberger	Engineer Support Engineer Support			104.00	@	\$32.01 \$26.02		\$3,329.04	
Kevin Keller	Engineer Support					\$39.49			
Ryan Yoshimura	Engineer Support					\$41.48			
Melissa Rodriguez	Engineer Support					\$32.38			
Stephanie Oslick	Environmental Plann					\$44.85			
Veronica Chan	Environmental Plant	ner				\$27.30			
Larry Kuester	CADD Support	- 4			_	\$35.96		0400 50	
Martha Garcia	Administrative Supp	поп		4.50	@	\$36.35		\$163.58	
	- · · · · · · · · · · · · · · · · · · ·								
		TOTAL HO	URS	208.50			TOTAL DIRE	ECT LABOR	\$8,477.4
IULTIPLIERS							!		
SCALATION @	(of	Total Direct Labor	- Ecoslation						
		Total Direct Labor						\$13,385.85	
SCALATION @		Total Direct Labor Total Direct Labor						\$13,385.85 ULTIPLIERS	\$13,385.8
SCALATION @		Total Direct Labor							\$13,385.8
SCALATION @  IVERHEAD @  AYROLL ADDITIVES @	157.90% (of	Total Direct Labor		UNIT		UNIT COST		ULTIPLIERS	\$13,385.8
SCALATION @  IVERHEAD @ IAYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM	157.90% (of	Total Direct Labor				UNIT COST	TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  IVERHEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION	157.90% (of	Total Direct Labor		UNIT			TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  EVERHEAD @ EAYROLL ADDITIVES @  ETHER DIRECT EXPENSES  ITEM  IEPRODUCTION  XEROX	157.90% (of	Total Direct Labor	+ Escalation)	UNIT		\$0.10	TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  EVERHEAD @  EAYROLL ADDITIVES @  ETHER DIRECT EXPENSES  ITEM  IEPRODUCTION  XEROX  BLUELINE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET		\$0.10 \$0.05	TOTAL MI	ULTIPLIERS	\$13,385
SCALATION @  EVERHEAD @  EVAYROLL ADDITIVES @  EVERHEAD INTERMINENT EXPENSES  ITEM  EVEROUNTION  XEROX  BLUELINE  ILLEAGE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT		\$0.10	TOTAL MI	ULTIPLIERS	\$13,385
SCALATION @  EVERHEAD @  EAYROLL ADDITIVES @  ETHER DIRECT EXPENSES  ITEM  EEPRODUCTION	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MI	ULTIPLIERS	\$13,385
SCALATION @  EVERHEAD @  EVAYROLL ADDITIVES @  EVERHEAD INTERMINENT EXPENSES  ITEM  EVEROUNTION  XEROX  BLUELINE  ILLEAGE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  EVERHEAD @  EVAYROLL ADDITIVES @  EVERHEAD INTERMINENT EXPENSES  ITEM  EVEROUNTION  XEROX  BLUELINE  ILLEAGE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  EVERHEAD @  EVAYROLL ADDITIVES @  EVERHEAD INTERMINENT EXPENSES  ITEM  EVEROUNTION  XEROX  BLUELINE  ILLEAGE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  EVERHEAD @  EVAYROLL ADDITIVES @  EVERHEAD INTERMINENT EXPENSES  ITEM  EVEROUNTION  XEROX  BLUELINE  ILLEAGE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485	TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  EVERHEAD @  EVAYROLL ADDITIVES @  EVERHEAD INTERMINENT EXPENSES  ITEM  EVEROUNTION  XEROX  BLUELINE  ILLEAGE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	ULTIPLIERS	\$13,385.
SCALATION @  EVERHEAD @  EVAYROLL ADDITIVES @  EVERHEAD INTERMINENT EXPENSES  ITEM  EVEROUNTION  XEROX  BLUELINE  ILLEAGE	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	ULTIPLIERS	\$13,385
SCALATION @  IVERHEAD @ IAYROLL ADDITIVES @  INTHER DIRECT EXPENSES  ITEM  REPRODUCTION  XEROX BLUELINE IIILEAGE IIAILING / FED EX  IIILEAGE IIILING / FED EX	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  IVERHEAD @ AYROLL ADDITIVES @  INTHER DIRECT EXPENSES  ITEM  IEPRODUCTION  XEROX  BLUELINE  IILEAGE  IAILING / FED EX	157.90% (of	Total Direct Labor	+ Escalation)	UNIT SHEETS QUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  EVERHEAD @ AYROLL ADDITIVES @  ETHER DIRECT EXPENSES  ITEM  EXPRODUCTION  XEROX  BLUELINE  HILLAGE  HAILING / FED EX  EUTSIDE SERVICES (w/o fee)  COMPANY	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  DVERHEAD @ AYROLL ADDITIVES @  DITHER DIRECT EXPENSES  ITEM  REPRODUCTION  XEROX  BLUELINE  RILEAGE  FAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc.	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  EVERHEAD @ AYROLL ADDITIVES @  ETHER DIRECT EXPENSES  ITEM  EXPRODUCTION  XEROX  BLUELINE  BLUELINE  BLIEAGE  FAILING / FED EX   EVERHEAD FOR SERVICES (W/o fee)  COMPANY  Carth Mechanics, Inc.  Chambers Group	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  IVERHEAD @ IAYROLL ADDITIVES @  INTHER DIRECT EXPENSES  ITEM  ISEPRODUCTION  XEROX BLUELINE ISLEAGE ISLAILING / FED EX  INTEM  IN	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  EVERHEAD @ AYROLL ADDITIVES @  ETHER DIRECT EXPENSES  ITEM  EXPRODUCTION  XEROX  BLUELINE  HILLAGE  HAILING / FED EX  EUTSIDE SERVICES (w/o fee)  COMPANY	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  IVERHEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION  XEROX BLUELINE IIILEAGE IAILING / FED EX  OMPANY  arth Mechanics, Inc. thambers Group land Aerial Surveys NS Engineers ones & Stokes onverse	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT	\$13,385.
SCALATION @  IVERHEAD @ IAYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  IMPRODUCTION  XEROX  BLUELINE  IIILEAGE  IIAILING / FED EX  IIILEAGE  II	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT  EXPENSES	\$13,385.
SCALATION @  IVERHEAD @ AYROLL ADDITIVES @  ITHER DIRECT EXPENSES  ITEM  EPRODUCTION  XEROX BLUELINE IIILEAGE IAILING / FED EX  OMPANY  arth Mechanics, Inc. thambers Group land Aerial Surveys NS Engineers ones & Stokes onverse	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT  EXPENSES	\$13,385.
SCALATION @  IVERHEAD @ IAYROLL ADDITIVES @  INTHER DIRECT EXPENSES  ITEM  IEPRODUCTION  XEROX  BLUELINE  IILEAGE  IAILING / FED EX  INTEM  IN	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT  EXPENSES	\$13,385.1
SCALATION @  INVERHEAD @ INVERHEAD @ INVERHEAD INVERMENT	157.90% (of	Total Direct Labor  Cost •••  QUANTITY	+ Escalation)	UNIT  SHEETS QUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT  EXPENSES	\$13,385.0
SCALATION @  INVERHEAD @ INVERHEAD @ INVERHEAD INVERMENT	157.90% (of   ■ Billed at Actual C  2.00% (of   2.00% (of	Total Direct Labor  Cost  QUANTITY  LABOR  Total Outside Serv	+ Escalation) St	UNIT  SHEETS QUARE FEET MILES LUMP SUM	*)	\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT  EXPENSES  FAL  SERVICES	\$13,385.6
SCALATION @  IVERHEAD @ IAYROLL ADDITIVES @  INTER DIRECT EXPENSES  ITEM  IMPRODUCTION  XEROX BLUELINE IIILEAGE IAILING / FED EX  INTER   157.90% (of   ■ Billed at Actual C  2.00% (of   2.00% (of	Total Direct Labor  Cost  QUANTITY  LABOR	+ Escalation) St	UNIT  SHEETS QUARE FEET MILES LUMP SUM	)	\$0.10 \$0.05 \$0.485 \$100.00	TOTAL MI	UNT  EXPENSES	\$13,385.6	

	SCOPE OF WORK				DATE:		REV:
MPANY:	SOUPE OF WORK				DATE.		nLv.
B AMERICAS, INC. DJECT:	DATE PALM DRIVE	WATER LINE RELOCATION			PHASE:		
10 PALM DRIVE/GENE AUTRY TRAIL INT	ERCHANGE AND DATE PALM DRIVE IN	FERCHANGE PROJECTS			FRASE.		
PERSONNEL	FUNCTION						1
PERSONNEL	FUNCTION	HOURS		RATE	AMOUN	T	
Investo Des	One land Free land		_				
Jamey Dye Elias Elhazin	Senior Engineer Lead Engineer	18.00 32.00	@ @	\$70.50 \$45.25		1,269.00 1,448.00	
Courtney Otubuah	Engineer Support	12.00	@	\$38.27	Ψ	\$459.24	
Christa Campbell	CADD Operator	25.00	@	\$28.00		\$700.00	
Martha Garcia	Administrative Support	4.50	@	\$36.35		\$163.58	
	TOTAL HO	URS 91.50			TOTAL DIRECT	LABOR	\$4,03
			_				
ULTIPLIERS							1
SCALATION @						1	
	(of Total Direct Labor						
	(of Total Direct Labor 157.90% (of Total Direct Labor					6,378.88	#6.075
					\$ TOTAL MULT		\$6,378
AYROLL ADDITIVES @ THER DIRECT EXPENSES							\$6,376
AYROLL ADDITIVES @	157.90% (of Total Direct Labor			UNIT COST		IPLIERS	\$6,376
AYROLL ADDITIVES @  OTHER DIRECT EXPENSES  ITEM	157.90% (of Total Direct Labor	+ Escalation)		UNIT COST	TOTAL MULT	IPLIERS	\$6,378
AYROLL ADDITIVES @  THER DIRECT EXPENSES  ITEM  EPRODUCTION	157.90% (of Total Direct Labor	+ Escalation)  UNIT			TOTAL MULT	IPLIERS	\$6,371
THER DIRECT EXPENSES  ITEM  EPRODUCTION KEROX	157.90% (of Total Direct Labor	+ Escalation)		<b>UNIT COST</b> \$0.10 \$0.05	TOTAL MULT	IPLIERS	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	TOTAL MULT	IPLIERS	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET		\$0.10 \$0.05	TOTAL MULT	IPLIERS	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	TOTAL MULT	IPLIERS	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	TOTAL MULT	IPLIERS	\$6,376
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	TOTAL MULT	IPLIERS	\$6,378
AYROLL ADDITIVES @  THER DIRECT EXPENSES  ITEM  EPRODUCTION  XEROX BLUELINE IILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	TOTAL MULT	IPLIERS	\$6,376
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT	IPLIERS	\$6,376
AYROLL ADDITIVES @  THER DIRECT EXPENSES  ITEM  EPRODUCTION  XEROX BLUELINE IILEAGE	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT	IPLIERS	\$6,378
AYROLL ADDITIVES @  THER DIRECT EXPENSES  ITEM  EPRODUCTION  XEROX BLUELINE IILEAGE IAILING / FED EX	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT	IPLIERS	\$6,378
AYROLL ADDITIVES @  OTHER DIRECT EXPENSES  ITEM  DEPRODUCTION XEROX BLUELINE BLIELINE BLIELINE BLIELINE BLIELING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY	157.90% (of Total Direct Labor	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT	PENSES	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION XEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX	PENSES	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (W/o fee)  COMPANY  arth Mechanics, Inc.	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX	PENSES	\$6,378
THER DIRECT EXPENSES  THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX	PENSES	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION XEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX	PENSES	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers ones & Stokes	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX	PENSES	\$6,371
THER DIRECT EXPENSES  ITEM  EPRODUCTION XEROX BLUELINE ILLEAGE IAILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers ones & Stokes onverse	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX	PENSES	\$6,371
THER DIRECT EXPENSES  ITEM  EPRODUCTION XEROX BLUELINE ILLEAGE IAILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers ones & Stokes onverse	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX  TOTAL	PENSES	\$6,371
THER DIRECT EXPENSES  ITEM  EPRODUCTION XEROX BLUELINE ILLEAGE IAILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers ones & Stokes onverse	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX	PENSES	\$6,370
AYROLL ADDITIVES @  THER DIRECT EXPENSES  ITEM  EPRODUCTION XEROX BLUELINE IILEAGE IAILING / FED EX  PUTSIDE SERVICES (w/o fee)  COMPANY  anth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers ones & Stokes onverse ztec Engineering	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX  TOTAL	PENSES	\$6,376
AYROLL ADDITIVES @  OTHER DIRECT EXPENSES  ITEM  EPRODUCTION  XEROX  BLUELINE  IILEAGE  IAILING / FED EX  OUTSIDE SERVICES (w/o fee)	157.90% (of Total Direct Labor  Billed at Actual Cost ***  QUANTITY  LABOR	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX  TOTAL	PENSES	\$6,376
THER DIRECT EXPENSES  ITEM  EPRODUCTION XEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers ones & Stokes onverse ztec Engineering	157.90% (of Total Direct Labor  Billed at Actual Cost ***  QUANTITY  LABOR	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX  TOTAL	PENSES	\$6,378
THER DIRECT EXPENSES  ITEM  EPRODUCTION  KEROX BLUELINE ILLEAGE AILLING / FED EX   UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers ones & Stokes onverse stec Engineering  EES  UTSIDE SERVICES ADMIN FEE @	157.90% (of Total Direct Labor  Billed at Actual Cost   QUANTITY  LABOR  2.00% (of Total Outside Sen	+ Escalation)  UNIT  SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER		\$0.10 \$0.05 \$0.550 \$15.00	TOTAL MULT  AMOUN  HER DIRECT EX  TOTAL	PENSES	\$6,376

OMPANY:	≅ET						,	
		SCOPE OF WORK			·	DATE:	1	REV:
							1	
PB AMERICAS, INC.		ASSISTANCE WITH MAIN	TENANCE AGREEMENT	F PALM DI	RIVE		!	
OJECT:	Name of the last o	THE PERSON NAMED IN COLUMN NAM				PHASE:		l — — —
-10 PALM DRIVE/GENE AUTRY TRAIL INTE	RCHANGE AND	DATE PALM DRIVE INTERC	CHANGE PROJECTS					
					-			
DIRECT LABOR								٦
PERSONNEL	FU	INCTION	HOURS		RATE	AMOUNT	Π	_
Gary Wintergerst	Drainet Monog	•	6.50		PCO 40		FAE1 00	
Martha Garcia	Project Manag Administrative		6.50 1.50	@ @	\$69.42 \$36.35		\$451.23 \$54.53	
marana Sarota	Administrative		1.50	. •	\$30.33		Ψ54.50	
							l	1
							!	
								1
		TOTAL HOURS	8.00			TOTAL DIRECT	LABOR	\$505.76
MULTIPLIERS								-
ESCALATION @								j
OVERHEAD @		(of Total Direct Labor + Es	scalation)					1
PAYROLL ADDITIVES @	157.90%	6 (of Total Direct Labor + Es					\$798.60	
			<del></del> -			TOTAL MULT		\$798.60
OTHER DIRECT EXPENSES	••• Billed at Ac	ctual Cost •••						-
ITEM		QUANTITY	UNIT		UNIT COST	AMOUNT	<u> </u>	
REPRODUCTION								
XEROX			SHEETS		\$0.10			
XEROX BLUELINE			SQUARE FEET		\$0.05			
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550			
XEROX BLUELINE			SQUARE FEET		\$0.05			
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550			
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550			
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550			
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550			
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550			
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES	
XEROX BLUELINE MILEAGE			SQUARE FEET MILES		\$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES	
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)			SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX		LABOR	SQUARE FEET MILES		\$0.05 \$0.550 \$15.00	THER DIRECT EX		
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc.		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00 TOTAL O	TOTAL		
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00 TOTAL O			
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse		LABOR	SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00 TOTAL O	TOTAL		
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering	2.00%		SQUARE FEET MILES LUMP SUM		\$0.05 \$0.550 \$15.00 TOTAL O	TOTAL		
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering  FEES  OUTSIDE SERVICES ADMIN FEE @		6 (of Total Outside Services	SQUARE FEET MILES LUMP SUM  MULTIPLIER  & Outside Services Fees	)	\$0.05 \$0.550 \$15.00 TOTAL O	TOTAL	RVICES	
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering			SQUARE FEET MILES LUMP SUM  MULTIPLIER  & Outside Services Fees	)	\$0.05 \$0.550 \$15.00 TOTAL O	TOTAL		
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering  FEES  OUTSIDE SERVICES ADMIN FEE @		6 (of Total Outside Services	SQUARE FEET MILES LUMP SUM  MULTIPLIER  & Outside Services Fees	)	\$0.05 \$0.550 \$15.00 TOTAL O	TOTAL  PTAL OUTSIDE SE	RVICES	

COST PROPOSAL WORKS						
OMPANY:	SCOPE OF WORK			DATE:		REV:
PB AMERICAS, INC.	PROJECT MANAGE	MENT AND POTHOLING				
ROJECT:				PHASE:	-	<u></u>
PROJECT MANAGEMENT SERVICES						
DIRECT LABOR						1
PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT		
Gary Wintergerst	Project Manager		\$69.42			
Martha Garcia	Administrative Support		\$36.90			
					ĺ	
					İ	
					:	
	TOTAL HO	Nine		TOTAL DIRECT	LABOR	
	JOTALIN	Juna		TOTAL DIRECT	LABOR	
MULTIPLIERS						
ESCALATION @						
						] }
OVERHEAD @ PAYROLL ADDITIVES @	(of Total Direct Labo					
FATROLE ADDITIVES &	161.30% (of Total Direct Labo	r + Escalation)		TOTAL MULT	DI IEDS	
				TOTAL MOLT	LILINO	
OTHER DIRECT EXPENSES	••• Billed at Actual Cost •••					
ITEM	QUANTITY	UNIT	UNIT COST	AMOUN1	•	
REPRODUCTION						
XEROX		SHEETS	\$0.10			
BLUELINE MILEAGE		SQUARE FEET	\$0.05			
MAILING / FED EX		MILES LUMP SUM	\$0.550 \$15.00			
WALEING / 1 ED EX		LOWF SOM	. \$15.00			
				-		
			TOTAL OT	THER DIRECT EX	PENSES	
				•		
OUTSIDE SERVICES (w/o fee)						i
COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL		
Earth Mechanics, Inc.						
Chambers Group						
Inland Aerial Surveys						
CNS Engineers						
Jones & Stokes						
Converse						
Aztec Engineering				\$10	0,600.00	
			ТО	TAL OUTSIDE SE	RVICES	\$10,600.00
FEES						1
OUTSIDE SERVICES ADMIN FEE @	2.00% (of Total Outside Se	vices & Outside Services Fees)			\$212.00	
PB AMERICAS, INC. @	010.00% (of Total Direct Labo	r + Total Multipliers(1.609))				
				тот	L FEES	\$212.00
				TOTA	L COST	\$10,812.00

COST PROPOSAL WORKSH								
OMPANY:	SCOPE C	OF WORK				DATE:		REV:
PB AMERICAS, INC.	DATE D	ALM DRIVE - ADD	ITIONAL DRAINAGE DE	SIGN				
ROJECT:						PHASE:		
I-10 PALM DRIVE/GENE AUTRY TRAIL INT	ERCHANGE AND DATE PA	LM DRIVE INTERC	CHANGE PROJECTS					
DIRECT LABOR								
PERSONNEL	FUNCTION		HOURS		RATE	AMOUN	T	
Gary Wintergerst	Project Manager		12.00		\$69.42		\$833.04	
Fure-lin Jeang	Senior Structure		,	•	\$61.15		•	
Jim Liao	Senior Structure				\$57.60			
Larry Dodd	Structure Engineer				\$53.73	i		
Marge Furiscal	Engineer				\$36.56			
Charlene Cassidy	Senior Engineer		48.00	@	\$41.41	\$	1,987.68	
Courtney Otubuah	Engineer Support				\$38.27			
Vikrant Sanghai	Engineer Support			_	\$32.01			
Johnathon Eichelberger Kevin Keller	Engineer Support Engineer Support		42.00	æ	\$26.02	3	1,092.84	
Ryan Yoshimura	Engineer Support				\$39.49 \$41.48			
Melissa Rodriguez	Engineer Support				\$32.38			
Stephanie Oslick	Environmental Planner				\$44.85			
Veronica Chan	Environmental Planner				\$27.30			
Larry Kuester	CADD Support				\$35.96			
Martha Garcia	Administrative Support		4.00	@	\$36.35		\$145.40	
		TOTAL HOURS	106.00	T		TOTAL DIREC	LABOR	\$4,058.96
				_				
MULTIPLIERS								1
ESCALATION @								
OVERHEAD @		Direct Labor + Esc						
PAYROLL ADDITIVES @	157.90% (of Total	Direct Labor + Esc	calation)		<u> </u>		6,409.10	20.400.40
						TOTAL MULI	IPLIENS	\$6,409.10
OTHER DIRECT EXPENSES	Billed at Actual Cost							
ITEM								1
		QUANTITY	UNIT		UNIT COST	AMOUN	Т	
REPRODUCTION		YTITMAUC	UNIT		UNIT COST	AMOUN	Т	
REPRODUCTION XEROX						AMOUN		
REPRODUCTION XEROX BLUELINE		250	SHEETS	@	\$0.10	AMOUN	\$25.00	
XEROX BLUELINE				@ @		AMOUN		
XEROX BLUELINE MILEAGE		250	SHEETS SQUARE FEET		\$0.10 \$0.05	AMOUN	\$25.00	
XEROX BLUELINE MILEAGE		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	AMOUN	\$25.00	
XEROX BLUELINE MILEAGE		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	AMOUN	\$25.00	
XEROX BLUELINE MILEAGE		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	AMOUN	\$25.00	
XEROX BLUELINE MILEAGE		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	AMOUN	\$25.00	
XEROX BLUELINE MILEAGE		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485	AMOUN	\$25.00	
XEROX BLUELINE MILEAGE		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00	AMOUN	\$25.00 \$38.80	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00		\$25.00 \$38.80	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX		250	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.485 \$100.00		\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee) COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering		250 80	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)		250 80	SHEETS SQUARE FEET MILES LUMP SUM	•	\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering	2.00% (of Total	250 80 LABOR	SHEETS SQUARE FEET MILES LUMP SUM	•	\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX TOTAL TAL OUTSIDE SE	\$25.00 \$38.80 PENSES	\$63.80
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering  FEES  OUTSIDE SERVICES ADMIN FEE @	2.00% (of Total	250 80 LABOR	SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER	•	\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX TOTAL TAL OUTSIDE SE	\$25.00 \$38.80 PENSES	
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering  FEES  OUTSIDE SERVICES ADMIN FEE @	2.00% (of Total	250 80 LABOR	SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER	•	\$0.10 \$0.05 \$0.485 \$100.00	HER DIRECT EX TOTAL TAL OUTSIDE SE	\$25.00 \$38.80 PENSES	\$63.80

### SECALATION @	COST PROPOSAL WORKS		SCOPE OF WORK				DATE:		REV:
PAME									
PERSONNEL PROSCRIPTON HOURS NATE AMOUNT  PERSONNEL PROSCRIPTON MANAGEMENT SOLD & SANCE SANCON SOLD SANCON MANAGEMENT SOLD & SANCON SOLD SA	IOJECT:						PHASE:		
PERSONNEL	-10 PALM DRIVE/GENE AUTRY TRAIL IN	NTERCHANGE AND DA	ATE PALM DRIVE INTER	RCHANGE PROJECTS					
Adminstration   Project Manager   0.00   0   589.42   \$416.52		· · · · · · · · · · · · · · · · · · ·	· 2	,			,		1
Casy Windergeral	PERSONNEL	FUN	CTION	HOURS		RATE	AMOUN	T	-
Cally Wirespeed   Prigot Hampion   40.00   0   \$19.02   \$2.778.80									
Marthe Cardia Administrators Support 538.30 Crinda Compleat CADD Support 10.00 e \$20.00 \$200.00  ### TOTAL DIRECT LABOR  ### TOTAL HOURS 59.00 *** TOTAL DIRECT LABOR**  ### TOTAL HOURS 59.00 *** TOTAL DIRECT LABOR**  ### SCALATION 8  ### TOTAL HOURS 59.00 *** TOTAL DIRECT LABOR**  ### TOTAL HOURS 59.00 *** TOTAL DIRECT LABOR**  ### TOTAL HOURS 59.00 *** TOTAL HOURS 59.00 *** TOTAL MATTER LESS  ### TOTAL MATTER LESS  ### Blind all Actual Cost ***  ### TOTAL MATTER LESS  ### Blind all Actual Cost ***  ### TOTAL HOURS 50.00 *** TOTAL HOURS 50.00 ***  ### TOTAL HOURS 50.00 *** TOTAL HOURS 50.00 ***  ### TOTAL TOTAL HOURS 50.00 ***  ### TOTAL OTHER DIRECT EXPENSES 50.00 ***  ### TOTAL DIRECT EXPENSES 50.00 ***  ### TOTAL DIRECT EXPENSES 50.00 ***  ### TOTAL DIRECT EXPENSES 50.00 ***  ### TOTAL									
### TOTAL HOURS   58.00   TOTAL DRECT LABOR   \$32,473 #### AULTPLIERS  #### SCHALTION 9				40.00	*			2,770.00	
### PATRICLES  SECULATION @  SECULATION    S	Christa Campbell	CADD Support		10.00	@	\$28.00		\$280.00	
### PATRICES   Companies   Com									
### PATRICES   Companies   Com									
MUTIPLIERS									
MUTIPLIERS									
### PATRICLES  SECULATION @  SECULATION    S									
### PATRICLES  SECULATION @  SECULATION    S									
### PATRICLES  SECULATION @  SECULATION    S									
### PATRICLES  SECULATION @  SECULATION    S									
### PAYROLA DITIVES ### SECULATION #									
### PATRICES   Companies   Com									
MUTIPLIERS									
SCALATION   @			TOTAL HOUP	IS 56.00			TOTAL DIREC	LABOR	\$3,473.
VERHEAD @ (of Total Direct Labor + Escalation)   SAPACITY	IULTIPLIERS							ļ	_
APPRIORITION   157.90% (of Total Direct Labor + Escalation)   S.8.484.37   TOTAL MULTIPLERS   S.5.484.37	SCALATION @								
TOTAL MULTIPLIERS \$5.464    Company   Labor   Multiplier   Expenses   Multipli				•					
TIEM   QUANTITY   UNIT   UNIT COST   AMOUNT	AAROLL ADDITIVES &	157.90% (	of Total Direct Labor + t	Escalation)		<u></u>			\$5,484
TIEM	OTHER DIRECT EVRENCES	Pilled at Actu	of Cost						,
XEROX   SHEETS   \$0.10     BLUELINE   SQUARE FREET   \$0.05     MILES   \$0.05   \$33.00     MILES   \$0.05   \$0.05     MILES   \$0.05   \$0.05				UNIT		UNIT COST	AMOUN	+	
XEROX   SHEETS   \$0.10     BLUELINE   SQUARE FREET   \$0.05     MILES   \$0.05   \$33.00     MILES   \$0.05   \$33.00     MAILING / FED EX	PEPPODI ICTION							r	1
BLUELINE	IEF HODOUTION								
ALLING / FED EX  LUMP SUM \$15.00  TOTAL OTHER DIRECT EXPENSES \$33  DUTSIDE SERVICES (w/o fee)  COMPANY LABOR MULTIPLIER EXPENSES TOTAL  arth Mechanics, Inc. thambers Group laind Acrial Surveys NS Engineers ones & Stokes onverse catec Engineering  TOTAL OUTSIDE SERVICES  EES  HUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  B AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	XEROX			SHEETS		\$0.10			
TOTAL OTHER DIRECT EXPENSES \$33  DUTSIDE SERVICES (w/o fee)  COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Iones & Stokes Converse Lytec Engineering  TOTAL OUTSIDE SERVICES  FEES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  FE AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers (1.573)) \$893.69	BLUELINE			SQUARE FEET		\$0.05			
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group miand Aerial Surveys INS Engineers ones & Stokes Converse Extec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE		60	SQUARE FEET MILES	æ	\$0.05 \$0.550			
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Larth Mechanics, Inc.  chambers Group  chambers Group  chambers Stokes  converse  cytec Engineering  TOTAL OUTSIDE SERVICES  B AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE IILEAGE		. 60	SQUARE FEET MILES	œ	\$0.05 \$0.550			
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group miand Aerial Surveys INS Engineers ones & Stokes Converse Extec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE		60	SQUARE FEET MILES	@	\$0.05 \$0.550			
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys NAS Engineers clones & Stokes Converse Extec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE		60	SQUARE FEET MILES	œ	\$0.05 \$0.550			
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE		60	SQUARE FEET MILES	æ	\$0.05 \$0.550			
COMPANY LABOR MULTIPLIER EXPENSES TOTAL  Earth Mechanics, Inc. Chambers Group Initiand Aerial Surveys CNS Engineers Iones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE		60	SQUARE FEET MILES	@	\$0.05 \$0.550 \$15.00	THER DIRECT EX	\$33.00	\$33
Chambers Group niand Aerial Surveys CNS Engineers tones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE MAILING / FED EX		60	SQUARE FEET MILES	@	\$0.05 \$0.550 \$15.00	THER DIRECT EX	\$33.00	\$33.
Chambers Group niand Aerial Surveys CNS Engineers tones & Stokes Converse Aztec Engineering  TOTAL OUTSIDE SERVICES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)			SQUARE FEET MILES LUMP SUM	@	\$0.05 \$0.550 \$15.00		\$33.00 PENSES	\$33.
riland Aerial Surveys CNS Engineers ones & Stokes Converse Universe	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY			SQUARE FEET MILES LUMP SUM	6	\$0.05 \$0.550 \$15.00		\$33.00 PENSES	\$33
Converse Converse  Indicate Engineering  TOTAL OUTSIDE SERVICES  EEES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc.			SQUARE FEET MILES LUMP SUM	•	\$0.05 \$0.550 \$15.00		\$33.00 PENSES	\$33
Converse  Aztec Engineering  TOTAL OUTSIDE SERVICES  FEES  DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573))  \$893.69	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys			SQUARE FEET MILES LUMP SUM	•	\$0.05 \$0.550 \$15.00		\$33.00 PENSES	\$33
TOTAL OUTSIDE SERVICES  FEES  OUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573)) \$893.69	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys  CNS Engineers			SQUARE FEET MILES LUMP SUM	•	\$0.05 \$0.550 \$15.00		\$33.00 PENSES	\$33
DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573)) \$893.69	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys CNS Engineers iones & Stokes			SQUARE FEET MILES LUMP SUM	•	\$0.05 \$0.550 \$15.00		\$33.00 PENSES	\$33
DUTSIDE SERVICES ADMIN FEE @ 2.00% (of Total Outside Services & Outside Services Fees)  B AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573)) \$893.69	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys CNS Engineers lones & Stokes Converse			SQUARE FEET MILES LUMP SUM	•	\$0.05 \$0.550 \$15.00	TOTAL	\$33.00	\$33
PB AMERICAS, INC. @ 010.00% (of Total Direct Labor + Total Multipliers(1.573)) \$893.69	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys CNS Engineers Jones & Stokes Converse			SQUARE FEET MILES LUMP SUM	•	\$0.05 \$0.550 \$15.00	TOTAL	\$33.00	\$33
	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering		LABOR	SQUARE FEET MILES LUMP SUM  MULTIPLIER		\$0.05 \$0.550 \$15.00	TOTAL	\$33.00	\$33
TOTAL FEES \$893	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys CNS Engineers Jones & Stokes Converse Aztec Engineering  FEES  DUTSIDE SERVICES ADMIN FEE @		LABOR  (of Total Outside Service	SQUARE FEET MILES LUMP SUM  MULTIPLIER  es & Outside Services Fees		\$0.05 \$0.550 \$15.00	TOTAL	\$33.00 PENSES	\$33
	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group niand Aerial Surveys CNS Engineers Cones & Stokes Converse Latec Engineering  EES  DUTSIDE SERVICES ADMIN FEE @		LABOR  (of Total Outside Service	SQUARE FEET MILES LUMP SUM  MULTIPLIER  es & Outside Services Fees		\$0.05 \$0.550 \$15.00	TOTAL	\$33.00 PENSES	\$33
TOTAL COST	BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  MAINTAIN Mechanics, Inc. Chambers Group Company Compan		LABOR  (of Total Outside Service	SQUARE FEET MILES LUMP SUM  MULTIPLIER  es & Outside Services Fees		\$0.05 \$0.550 \$15.00	TOTAL	\$33.00  PENSES  AVICES  \$893.69	\$893

OMPANY:	SCOPE OF WORK	_				DATE:		REV:
	000.20					DATE.		nev:
OJECT:	PALM DRIVE AE	STHETIC DES	SIGN			PHASE:		<u> </u>
-10 PALM DRIVE/GENE AUTRY TRAIL IN	TERCHANGE AND DATE PALM DRIV	E INTERCHAN	NGE PROJECTS				<u> </u>	
DIRECT LABOR								
PERSONNEL	FUNCTION		HOURS		RATE	AMOUN'	1	ī
<u></u>						, , , , , , , , , , , , , , , , , , , ,		
James Lu	Project Manager		80.00	œ	\$110.00		8,800.00	
Q. Nguyen	Senior Bridge Engineer		76.00	@	\$68.00	\$	5,168.00	
							:	
		Lioune	150.00	7		TOTAL DIRECT	. ABOB	612.069
	TOTAL	L HOURS	156.00			TOTAL DIRECT	LABOR	\$13,968.
MULTIPLIERS								
ESCALATION @								<u> </u>
OVERHEAD @	(of Total Direct Li	ahor + Escalar	tion)					 
PAYROLL ADDITIVES @	(of Total Direct L							
						TOTAL MULT	IPLIERS	
OTHER DIRECT EXPENSES	••• Billed at Actual Cost •••							
ITEM	QUANTIT	TY	UNIT	$\overline{}$	UNIT COST	AMOUN	-	l
						75.10		
XEROX	1		LUMP SUM	@	\$100.00		\$100.00	
XEROX BLUELINE	1		SQUARE FEET	@	\$100.00 \$0.05		\$100.00	
XEROX BLUELINE MILEAGE	1		SQUARE FEET MILES	@	\$100.00 \$0.05 \$0.550		\$100.00	
XEROX BLUELINE IILEAGE	1		SQUARE FEET	@	\$100.00 \$0.05		\$100.00	
XEROX BLUELINE MILEAGE			SQUARE FEET MILES	<b>@</b>	\$100.00 \$0.05 \$0.550		\$100.00	
XEROX BLUELINE MILEAGE			SQUARE FEET MILES	@	\$100.00 \$0.05 \$0.550		\$100.00	
XEROX BLUELINE MILEAGE	1		SQUARE FEET MILES	@	\$100.00 \$0.05 \$0.550		\$100.00	
XEROX BLUELINE MILEAGE	1		SQUARE FEET MILES	@	\$100.00 \$0.05 \$0.550		\$100.00	
XEROX BLUELINE MILEAGE			SQUARE FEET MILES	@	\$100.00 \$0.05 \$0.550 \$15.00			\$100.
BLUELINE MILEAGE MAILING / FED EX			SQUARE FEET MILES	Ø	\$100.00 \$0.05 \$0.550 \$15.00			\$100.
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)			SQUARE FEET MILES LUMP SUM	œ	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX		\$100.
XEROX BLUELINE MILEAGE MAILING / FED EX	LABOR		SQUARE FEET MILES	@	\$100.00 \$0.05 \$0.550 \$15.00			\$100.0
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (W/o fee)  COMPANY			SQUARE FEET MILES LUMP SUM	@	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX	PENSES	\$100.
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (W/o fee)  COMPANY			SQUARE FEET MILES LUMP SUM	•	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX		\$100.
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (W/o fee)  COMPANY		1	SQUARE FEET MILES LUMP SUM	•	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX	PENSES	\$100.
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY		₹	SQUARE FEET MILES LUMP SUM	0	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX	PENSES	\$100.
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY			SQUARE FEET MILES LUMP SUM	0	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX	PENSES	\$100.
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY		ì	SQUARE FEET MILES LUMP SUM	0	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX	PENSES	\$100
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY		ì	SQUARE FEET MILES LUMP SUM	0	\$100.00 \$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES (	
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (W/o fee)  COMPANY		ì	SQUARE FEET MILES LUMP SUM	0	\$100.00 \$0.05 \$0.550 \$15.00	HER DIRECT EX	PENSES (	
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  CADD Draftig Support		<b>1</b>	SQUARE FEET MILES LUMP SUM	0	\$100.00 \$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES (	
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  CADD Draftig Support	LABOR		SQUARE FEET MILES LUMP SUM	0	\$100.00 \$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES (	
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)	LABOR	Services & Ou	SQUARE FEET MILES LUMP SUM  MULTIPLIER  utside Services Fees)	0	\$100.00 \$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES (	\$100. \$2,240.
XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES (w/o fee)  COMPANY  CADD Draftig Support	LABOR	Services & Ou	SQUARE FEET MILES LUMP SUM  MULTIPLIER  utside Services Fees)	0	\$100.00 \$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES (	
XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  CADD Draftig Support	LABOR	Services & Ou	SQUARE FEET MILES LUMP SUM  MULTIPLIER  utside Services Fees)	0	\$100.00 \$0.05 \$0.550 \$15.00	THER DIRECT EX	PENSES (	

COST PROPOSAL WORKSH				,					
MPANY:	SCO	PE OF WORK					DATE:		REV:
B AMERICAS, INC.	СНА	NGES IN SIGNAL CC	ONFIGURATION EDISON	SERVICE	LINES				
DJECT:				OLIVIOL I			PHASE:		
IO PALM DRIVE/GENE AUTRY TRAIL INT	ERCHANGE AND DATE I	PALM DRIVE INTERC	CHANGE PROJECTS						
IRECT LABOR			-						
PERSONNEL	FUNCTIO	)N	HOURS		RATE		AMQUNT		
Gary Wintergerst	Project Manager		7.50	@		\$69.42		\$520.65	
Martha Garcia	Administrative Suppo	ert	7.50	e		\$36.35		\$520.05	
Robert Stone	Engineer Support		142.50	æ		\$48.70	\$6	,939.75	
Marcianna Terry	CADD Support		162.00	ø.		\$26.25		,252.50	
•				•			•	,	
								1	
								-	
								.	
								-	
		TOTAL HOURS	040.00				TOTAL DIDECT	4.000	044.74
		TOTAL HOURS	312.00				TOTAL DIRECT	LABOH	\$11,71
ILTIPLIERS									
CALATION @			······································						
VERHEAD @		otal Direct Labor + Es	•						
AYROLL ADDITIVES @	157.90% (of Te	otal Direct Labor + Es	calation)					,494.67	
							TOTAL MULT	PLIERS	\$18,49
THER DIRECT EXPENSES	● Billed at Actual Co	net ess							
ITEM		QUANTITY	UNIT		UNIT COST	1	AMOUNT		
PRODUCTION									
KEROX			SHEETS			\$0.10			
LUELINE			SQUARE FEET			\$0.05			
LEAGE			MILES		;	\$0.550			
AILING / FED EX			LUMP SUM		;	15.00			
								ĺ	
		·							
					TC	TAL OT	HER DIRECT EXP	ENSES	
ITOIDE CEDVICES (m/s 4 )									
JTSIDE SERVICES (w/o fee)		14000	MIN		PVDF110	- 1			
COMPANY	L	LABOR	MULTIPLIER		EXPENSES		TOTAL		
arth Mechanics, Inc.									
nambers Group									
and Aerial Surveys									
VS Engineers		•							
nes & Stokes									
							į		
onverse							TAL OUTCIDE CEI		
onverse						10	IAL OUTSIDE SEI	TVICES	
onverse						10	TAL OUTSIDE SEI	AVICES	
onverse ztec Engineering						10	TAL OUTSIDE SE	HVICES	
onverse ztec Engineering EES	2.00% (of To	otal Outside Services	& Outside Services Fees				TAL OUTSIDE SEI	TVICES	
onverse  ztec Engineering  EES  UTSIDE SERVICES ADMIN FEE @			& Outside Services Fees	)					
onverse  ztec Engineering  EES  UTSIDE SERVICES ADMIN FEE @		otal Outside Services otal Direct Labor + To		)				,013.73	
onverse etec Engineering  EES  UTSIDE SERVICES ADMIN FEE @				)	positive		\$3	,013.73	
onverse ztec Engineering  EES  UTSIDE SERVICES ADMIN FEE @						e Off	\$3		\$3,01
onverse ztec Engineering  EES  PUTSIDE SERVICES ADMIN FEE @  B AMERICAS, INC. @							\$3 TOTA	,013.73	\$3,01 \$33,22

COST PROPOSAL WORKSH	SCOPE OF WORK				DATE:		REV:
PB AMERICAS, INC.	FLOOD PLAIN MINI STU	JDY					
ROJECT:					PHASE:		
-10 PALM DRIVE/GENE AUTRY TRAIL INTI	ERCHANGE AND DATE PALM DRIVE INTER	RCHANGE PROJECTS					
DIRECT LABOR							_
PERSONNEL	FUNCTION	HOURS		RATE	AMOUN	IT	-
Gary Wintergerst Martha Garcia	Project Manager Administrative Support	6.00 2.50	@ @	\$69.42 \$36.35		\$416.52 \$90.88	
Jamey Dye	Senior Engineer	8.00		\$70.50		\$564.00	
Jarrod Miller	Engineer II - Hydrologist	23.00	@	\$36.82		\$846.86	
		,					
	TOTAL HOUR	S 39.50			TOTAL DIREC	T LABOR	\$1,918
IULTIPLIERS							1
SCALATION @		. '					
OVERHEAD @	(of Total Direct Labor + 8						
PAYROLL ADDITIVES @	157.90% (of Total Direct Labor + 8	Escalation)			TOTAL MUL	\$3,028.93 TIPLIERS	\$3,028.
OTHER DIRECT EXPENSES  ITEM	Billed at Actual Cost  QUANTITY	UNIT		UNIT COST	AMOUN	IT.	1
II Litt	GOANTITI	ONII		UNIT COST	AlliCon		-
REPRODUCTION							
XEROX BLUELINE		SHEETS		\$0.10			
MILEAGE	80	SQUARE FEET MILES	@	\$0.05 \$0.550		\$44.00	
MAILING / FED EX	00	LUMP SUM		\$15.00		ψ <del>44</del> .00	
				TOTAL OT	HER DIRECT EX	(PENSES	\$44.
OUTSIDE SERVICES (w/o fee)	1 ABAB	LII II TINI IEN		EVDENCES	TOTA		1
COMPANY	LABOR	MULTIPLIER		EXPENSES	TOTAL		1
Earth Mechanics, Inc.							
Chambers Group							
nland Aerial Surveys							
CNS Engineers lones & Stokes							
Converse							
ztec Engineering							
				то	TAL OUTSIDE S	ERVICES	
EES							1
OUTSIDE SERVICES ADMIN FEE @	2.00% (of Total Outside Service		)				]
PB AMERICAS, INC. @	010.00% (of Total Direct Labor + 7	Fotal Multipliers(1.573))				\$493.57	
					тот	AL FEES	\$493.

OMPANY:		SCOPE OF WORK				DATE:		REV:
		SSOFE OF WORK				PAIL		
PB AMERICAS, INC.		FLOOD PLAIN ELEVATION	UN STUDY			PHASE:	i	
-10 PALM DRIVE/GENE AUTRY TRAIL INT	ERCHANGE AND I	DATE PALM DRIVE INTER	CHANGE PROJECTS					
DIRECT LABOR								
PERSONNEL	FU	NCTION	HOURS		RATE	AMOU	NT	]
Jamey Dye	Senior Enginee	ar	26.00	œ	\$70.50		\$1,833.00	
Gary Wintergerst	Project Manag		20.00	@	\$69.42		\$1,388.40	
Martha Garcia	Administrative	Support	5.00	@	\$36.35		\$181.75	
Jarrod Miller	Engineer II - Hy	drologist	80.00	@	\$36.82		\$2,945.60	
							!	
		TOTAL HOURS	S 131.00			TOTAL DIRE	CT LABOR	\$6,348
MULTIPLIERS								7
ESCALATION @								
OVERHEAD @		(of Total Direct Labor + E	scalation)					
PAYROLL ADDITIVES @	157.90%	o (of Total Direct Labor + E	scalation)				10,024.68	040.004
								\$10,024.
						TOTAL MU	INPLIERS	*:***
OTHER DIRECT EXPENSES	Billed at Ac							
OTHER DIRECT EXPENSES	Billed at Ac	tual Cost •••  QUANTITY	UNIT		UNIT COST	AMOU		
ITEM	••• Billed at Ac		UNIT		UNIT COST			
REPRODUCTION	••• Billed at Ac		UNIT		UNIT COST			
ITEM NEPRODUCTION XEROX BLUELINE	••• Billed at Ac				\$0.10 \$0.05			
ITEM NEPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550			
REPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET		\$0.10 \$0.05			
REPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550			
REPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550			
REPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550			
REPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550			
REPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT	
REPRODUCTION XEROX BLUELINE MILEAGE	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00		NT	
ITEM REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
ITEM REPRODUCTION XEROX BLUELINE HILEAGE HAILING / FED EX	••• Billed at Ac		SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
ITEM REPRODUCTION XEROX BLUELINE RILEAGE RAILING / FED EX  DUTSIDE SERVICES (w/o fee) COMPANY	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
ITEM  REPRODUCTION  XEROX BLUELINE  BLUELINE  MILEAGE  MAILING / FED EX   DUTSIDE SERVICES (w/o fee)  COMPANY  Searth Mechanics, Inc.	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, Inc.  chambers Group	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, Inc.  Chambers Group  Claim A Berial Surveys  COMPANS  COMPANS  Compand A Berial Surveys  Compand Services  Compand Serv	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
ITEM  IEPRODUCTION  XEROX  BLUELINE  IIILEAGE  IIAILING / FED EX   DUTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, inc. thambers Group liand Aerial Surveys INS Engineers ones & Stokes	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, inc.  Chambers Group  Clare Group  Company  Comp	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	NT XPENSES	
DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, Inc.  Chambers Group  niand Aerial Surveys  CNS Engineers  ones & Stokes  Converse	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	THER DIRECT E	XPENSES	
DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, Inc. Chambers Group niand Aerial Surveys CNS Engineers ones & Stokes Converse varies of the control of	••• Billed at Ac	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	AMOU	XPENSES	
DUTSIDE SERVICES (w/o fee)  COMPANY  Carth Mechanics, Inc. Chambers Group Inland Aerial Surveys CNS Engineers Converse Extec Engineering		QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	THER DIRECT E	XPENSES	
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (W/o fee)		QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$15.00	THER DIRECT E	XPENSES	
AEPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY  Earth Mechanics, Inc. Chambers Group hiand Aerial Surveys CNS Engineers ones & Stokes Converse vartee Engineering	2.00%	QUANTITY	SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER		\$0.10 \$0.05 \$0.550 \$15.00	THER DIRECT E	XPENSES	
EPRODUCTION XEROX BLUELINE IIILEAGE IAILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group illand Aerial Surveys NS Engineers ones & Stokes onverse ztec Engineering  EES  UTSIDE SERVICES ADMIN FEE @	2.00%	LABOR  LOS (of Total Outside Service:	SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER		\$0.10 \$0.05 \$0.550 \$15.00	THER DIRECT E	XPENSES L	\$1,633

COST PROPOSAL WORKSH	SCOPE O	EWORK				DATE:		DEV-
MPANT:	SCOPE O	F WORK				DATE:		REV:
B AMERICAS, INC.	SUPPOR	T OF ENVIRONMEN	NTAL REVALIDATION					
DJECT:						PHASE:		
10 PALM DRIVE/GENE AUTRY TRAIL INT	ERCHANGE AND DATE PALI	M DRIVE INTERCHA	ANGE PROJECTS					
IRECT LABOR								
PERSONNEL	FUNCTION		HOURS		RATE	AMOL	NT	
				·				
0	<b>5</b>							
Gary Wintergerst	Project Manager		3.00	@	\$69.42		\$208.26	
Martha Garcia Jamey Dye	Administrative Support		0.50	@	\$36.35		\$18.18	
Courtney Otubuah	Senior Engineer Engineer Support		1.00 10.00	e a	\$70.50 \$38.27		\$70.50 \$382.70	
Christa Campbell	CADD Support		4.00	e e	\$28.00		\$112.00	
Michael Lieu	Environmental		3.00	@	\$31.53		\$94.59	
				-				
		TOTAL HOURS	21.50			TOTAL DIRE	CTLABOR	\$886.2
		TOTALTIOONS	21.50			TOTAL DITL	J. D.DOM	
JLTIPLIERS								
SCALATION @								]
VERHEAD @								J ]
AYROLL ADDITIVES @		Direct Labor + Escal					E4 200 26	
ATTOLE ADDITIVES &	157.90% (01 10tal)	Direct Labor + Escal	auon)			TOTAL MU	\$1,399.36	\$1,399.3
						TOTALINO	LIN EILIIO	ψ1,055.0
THER DIRECT EXPENSES	••• Billed at Actual Cost •	•••						
ITEM	Q	UANTITY	UNIT		UNIT COST	AMOU	NT	
EPRODUCTION								
KEROX			SHEETS		\$0.10			
BLUELINE			SQUARE FEET		\$0.05			
ILEAGE			MILES		\$0.550			
AILING / FED EX			LUMP SUM		\$15.00			
					TOTAL OT	HER DIRECT E	XPENSES	
								<u> </u>
JTSIDE SERVICES (w/o fee)			<u> </u>					
COMPANY		LABOR	MULTIPLIER		EXPENSES	тот	T	
arth Mechanics, Inc.								
hambers Group								
land Aerial Surveys								
NS Engineers								
ones & Stokes							İ	
onverse								
ztec Engineering					T-0	TAL OUTSIDE	SEBVICES	
					10	TAL OUTSIDE	PERVICES	
ES								1
	2,00% (of Total (	Outside Services & (	Outside Services Fees)					
UTSIDE SERVICES ADMIN FEE @			Outside Services Fees)					1
UTSIDE SERVICES ADMIN FEE @		Outside Services & ( Direct Labor + Total					\$228.03	
UTSIDE SERVICES ADMIN FEE @								
UTSIDE SERVICES ADMIN FEE @						тс	\$228.03 TAL FEES	\$228.0
EES  UTSIDE SERVICES ADMIN FEE @  B AMERICAS, INC. @								\$228.00 \$2,513.61

	SCOPE OF WORK				DATE:		REV:	
PB AMERICAS, INC.								
OJECT:								-
0 / PALM DRIVE / GENE AUTRY TRAI	L INTERCHANGE AN	ID DATE PALM INTERCHANG	GES					
RECT LABOR					e.			
PERSONNEL	FU	FUNCTION			RATE	AMOUNT	UNT	]
Gary Wintergerst	Project Manag	er			\$69.42			
Jamey Dye	Engineer Supp		1.0	@	\$71.20		\$71.20	
Courtney Otubuah	Engineer Supp	port	2.0	@	\$39.80		\$79.60	
Elias Elhazan	CADD Suppor		24.0	0	\$46.16		\$1,107.84	-
Marcianna Terry	CADD Suppor	t	10.5	@	\$26.25		\$275.63	
			•					
		·						
		TOTAL HOURS	37.5			TOTAL DIRE	CT LABOR	\$1,53
ULTIPLIERS								
SCALATION @		(Rate)						]
VERHEAD @								]
PAYROLL ADDITIVES @	161 309	(of Total Direct Labor + Esca 6 (of Total Direct Labor + Esca	•				\$2,474.77	
· · · · · · · · · · · · · · · · · · ·		(OF FORM DIRECT EMBOT / ESCO	aduony			TOTAL M	JLTIPLIERS	\$2,474
THER DIRECT EXPENSES	••• Billed at Ac	tual Cost						
		OLIAN PIETY						1
ITEN		QUANTITY	UNIT		UNIT COST	АМО	JNT	
		QUANTITY	UNIT		UNIT COST	АМО	JNT	
EPRODUCTION		QUANTITY	UNIT		UNIT COST \$0.10	АМО	JNT	
EPRODUCTION XEROX BLUELINE	•	QUANTITY				AMO	UNT	
EPRODUCTION XEROX BLUELINE IILEAGE		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	AMO	JNT	
IEPRODUCTION XEROX BLUELINE IILEAGE		QUANTITY	SHEETS SQUARE FEET		\$0.10 \$0.05	AMO	JNT	
REPRODUCTION XEROX BLUELINE MILEAGE		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	AMO	UNT	
REPRODUCTION XEROX BLUELINE MILEAGE		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	AMO	UNT	
IEPRODUCTION XEROX BLUELINE IILEAGE		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	AMO	UNT	
IEPRODUCTION XEROX BLUELINE IILEAGE		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550	AMO	JNT	
IEPRODUCTION XEROX BLUELINE IILEAGE		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$1,000.00			
REPRODUCTION  XEROX BLUELINE MILEAGE MAILING / FED EX		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$1,000.00	AMO		
REPRODUCTION XEROX BLUELINE MILEAGE		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$1,000.00			
REPRODUCTION XEROX BLUELINE MLEAGE MAILING / FED EX		QUANTITY	SHEETS SQUARE FEET MILES		\$0.10 \$0.05 \$0.550 \$1,000.00		EXPENSES	
REPRODUCTION  XEROX BLUELINE MILEAGE MAILING / FED EX  DUTSIDE SERVICES (w/o fee)  COMPANY			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES	
EPRODUCTION XEROX BLUELINE IILEAGE IAILING / FED EX  IUTSIDE SERVICES (w/o fee)  COMPANY arth Mechanics, Inc.			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES	
EPRODUCTION XEROX BLUELINE IILEAGE IAILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY arth Mechanics, Inc. hambers Group			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES	
EPRODUCTION XEROX BLUELINE BLUELINE BLUELINE BLUELINE COMPANY  AUTSIDE SERVICES (w/o fee)  COMPANY  CO			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES	
IEPRODUCTION XEROX BLUELINE IIILEAGE IAILING / FED EX			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES	
IEPRODUCTION XEROX BLUELINE IILEAGE MAILING / FED EX  PUTSIDE SERVICES (w/o fee)  COMPANY For the Mechanics, Inc. Chambers Group Illand Aerial Surveys			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES	
EPRODUCTION XEROX BLUELINE IILEAGE IAILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES AL	
EPRODUCTION XEROX BLUELINE BLUELINE BLUELINE BLUELINE COMPANY  AUTSIDE SERVICES (w/o fee)  COMPANY  CO			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES AL	
EPRODUCTION XEROX BLUELINE BLUELINE BLUELINE BLUELINE COMPANY  AUTSIDE SERVICES (w/o fee)  COMPANY  CO			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES AL	
EPRODUCTION KEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers			SHEETS SQUARE FEET MILES LUMP SUM		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES AL	
EPRODUCTION KEROX BLUELINE ILEAGE AILING / FED EX  UTSIDE SERVICES (w/o fee)  COMPANY  arth Mechanics, Inc. hambers Group land Aerial Surveys NS Engineers	2.00%	LABOR	SHEETS SQUARE FEET MILES LUMP SUM  MULTIPLIER  Outside Services Fees		\$0.10 \$0.05 \$0.550 \$1,000.00	HER DIRECT	EXPENSES AL	

OMPANY:		HEET							
COMPANY:		SCOPE OF WORK				DATE:	REV:		
		•							
CNS Engineers Inc.			PALM DRIVE CONSTRUCT	ION SUPPORT					
ROJECT:	ENE ALITOV TOAL	TERCHANOS AND S	DATE PALM DRIVE INTERCH	PHASE:					
FIO FALM DRIVE/GE	ENE AUTHT THAIL IF	TENCHANGE AND L	DATE PALM DRIVE INTERCH	ANGE PHOJECTS					
DIRECT LABOR							,		,
PER	SONNEL	FU	NCTION	HOURS		RATE	AMOL	NT	
Jai	imes Lu	Project Manage	er	65.00	e	\$60.50		\$3,932.50	
Q.	Nguyen	Senior Bridge E		120.00	@	\$40.00		\$4,800.00	
Lalit	Maharjan	Bridge Designe	г	82.00	@	\$33.50		\$2,747.00	
									-
	_			-					
			TOTAL HOURS	267.00			TOTAL DIRE	CT LABOR	\$11,479.5
MULTIPLIERS									
ESCALATION @		5.00%						\$573.98	
OVERHEAD @			(of Total Direct Labor + Esca	lation)					
PAYROLL ADDITIVES	S @	137.07%	(of Total Direct Labor + Esca					\$16,521.71	
							TOTAL MU	LTIPLIERS	\$17,095.6
OTHER DIRECT EXP	ENCEC .								
		ees Rillad at Act							
	ITEM	••• Billed at Act	QUANTITY	UNIT		UNIT COST	AMOL	NT	
				UNIT		UNIT COST	AMOL	INT	
REPRODUCTION			QUANTITY				AMOL		
REPRODUCTION XEROX				LUMP SUM	@	\$250.00	AMOL	\$250.00	
REPRODUCTION XEROX BLUELINE			QUANTITY 1	LUMP SUM SQUARE FEET		\$250.00 \$0.05	AMOL	\$250.00	
REPRODUCTION XEROX BLUELINE MILEAGE			QUANTITY	LUMP SUM SQUARE FEET MILES	@	\$250.00	AMOL	\$250.00 \$849.75	
REPRODUCTION XEROX BLUELINE MILEAGE			1 1545	LUMP SUM SQUARE FEET	@	\$250.00 \$0.05 \$0.550	AMOL	\$250.00	
REPRODUCTION XEROX BLUELINE MILEAGE			1 1545	LUMP SUM SQUARE FEET MILES	@	\$250.00 \$0.05 \$0.550	AMOL	\$250.00 \$849.75	
REPRODUCTION XEROX BLUELINE MILEAGE			1 1545	LUMP SUM SQUARE FEET MILES	@	\$250.00 \$0.05 \$0.550	AMOL	\$250.00 \$849.75	
REPRODUCTION XEROX BLUELINE MILEAGE			1 1545	LUMP SUM SQUARE FEET MILES	@	\$250.00 \$0.05 \$0.550	AMOL	\$250.00 \$849.75	
REPRODUCTION XEROX BLUELINE MILEAGE			1 1545	LUMP SUM SQUARE FEET MILES	@	\$250.00 \$0.05 \$0.550	AMOL	\$250.00 \$849.75	
REPRODUCTION XEROX BLUELINE MILEAGE			1 1545	LUMP SUM SQUARE FEET MILES	@	\$250.00 \$0.05 \$0.550 \$450.00	AMOL	\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		<b>QUANTITY</b> 1  1545	LUMP SUM SQUARE FEET MILES	@	\$250.00 \$0.05 \$0.550 \$450.00		\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00	THER DIRECT (	\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		<b>QUANTITY</b> 1  1545	LUMP SUM SQUARE FEET MILES	@	\$250.00 \$0.05 \$0.550 \$450.00		\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00	THER DIRECT (	\$250.00 \$849.75 \$450.00	\$1,550.00
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00	THER DIRECT (	\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00	THER DIRECT (	\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00	THER DIRECT (	\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION  XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00	THER DIRECT (	\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00	THER DIRECT (	\$250.00 \$849.75 \$450.00	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00 TOTAL OT	THER DIRECT (	\$250.00 \$849.75 \$450.00 XPENSES	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES	ITEM		1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM	@	\$250.00 \$0.05 \$0.550 \$450.00 TOTAL OT	HER DIRECT (	\$250.00 \$849.75 \$450.00 XPENSES	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES	ITEM  (w/o fee)  COMPANY		QUANTITY  1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM		\$250.00 \$0.05 \$0.550 \$450.00 TOTAL OT	HER DIRECT (	\$250.00 \$849.75 \$450.00 XPENSES	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES  FEES OUTSIDE SERVICES	(w/o fee) COMPANY		QUANTITY  1 1545 1 LABOR  (of Total Outside Services &	LUMP SUM SQUARE FEET MILES LUMP SUM  MULTIPLIER  Outside Services Fees)		\$250.00 \$0.05 \$0.550 \$450.00 TOTAL OT	HER DIRECT (	\$250.00 \$849.75 \$450.00 XPENSES	\$1,550.0
REPRODUCTION XEROX BLUELINE MILEAGE MAILING / FED EX  OUTSIDE SERVICES	(w/o fee) COMPANY		QUANTITY  1 1545 1	LUMP SUM SQUARE FEET MILES LUMP SUM  MULTIPLIER  Outside Services Fees)		\$250.00 \$0.05 \$0.550 \$450.00 TOTAL OT	HER DIRECT (	\$250.00 \$849.75 \$450.00 XPENSES	\$1,550.00

COST PROPOSAL WORKSH	SCOPE OF WORK				DATE:		REV:
CNS Engineers Inc.	DATE PALM DRIVE	AESTHETIC DESIGN			PHASE:		
ROJECT: -10 PALM DRIVE/GENE AUTRY TRAIL INTE	FEDOLIANCE AND DATE PALM DRIVE IN	1					<u> </u>
	EHCHANGE AND DATE FALM DITTE	TEHCHANGE PHOJECTS			L	<del></del>	-
PERSONNEL	FINATION			~ ~		<u> </u>	¬
PERSONNEL	FUNCTION	HOURS		RATE	AMOI	UNT	4
James Lu	Project Manager	105.00	@	\$60.50		\$6,352.50	
Q. Nguyen	Senior Bridge Engineer	150.00	@	\$40.00		\$6,000.00	i
Lalit Maharjan	Bridge Designer	100.00	@	\$33.50		\$3,350.00	
<u> </u>							
	TOTAL HO	OURS 355.00			TOTAL DIRE	ECT LABOR	\$15,702
ULTIPLIERS				•			
ESCALATION @	5.00%					\$785.13	
OVERHEAD @	(of Total Direct Labor	r + Escalation)					1
PAYROLL ADDITIVES @	137.07% (of Total Direct Labor					\$22,599.59	
					TOTAL ML	ULTIPLIERS	\$23,384.
OTHER DIRECT EXPENSES	••• Billed at Actual Cost •••						
ITEM	QUANTITY	UNIT		UNIT COST	JOMA	UNT	1
REPRODUCTION							
XEROX	1	LUMP SUM	@	\$300.00		\$300.00	
BLUELINE		SQUARE FEET		\$0.05		***-	
MILEAGE	2364	MILES	@	\$0.550		\$1,300.20	1
MAILING / FED EX	1	LUMP SUM	@	\$500.00		\$500.00	
						ľ	
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				TOTAL OT	THER DIRECT I	EXPENSES	\$2,100
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OUTSIDE SERVICES (w/o fee) COMPANY	LABOR	MIN TIDI ICD			TO:	<del> </del>	٦
OUMIT PART	LABOR	MULTIPLIER		EXPENSES	тот	AL	+
				•			
						1	
						<u>.</u>	
	_			то	TAL OUTSIDE	SERVICES	
FEES							
OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Ser	rvices & Outside Services Fees)				+	1
CNS ENGINEERS INC. @	010.00% (of Total Direct Labor					#2 008 72	1
JNS ENGINEERO IIIO. 4	010.00% (or rotal pirosac	+ Total Multipliers(1.570))				\$3,908.72	
						OTAL FEES	\$3,908
					70	DTAL COST	\$45,095