

# BOARD OF SUPERVISORS AGENDA ITEM REPORT CONTRACTS / AWARDS / GRANTS

CAward Contract CGrant

Requested Board Meeting Date: 11/21/17

\* = Mandatory, information must be provided

or Procurement Director Award

#### \*Contractor/Vendor Name/Grantor (DBA):

AECOM Technical Services, Inc.

### \*Project Title/Description:

Bopp Road, Sarasota Boulevard at Kinney Road Improvements (4KINBO)

#### \*Purpose:

Amendment of Award: Contract No. CT-TR-17-270. Amendment No. One (1). This amendment increases the not-to-exceed contract amount by \$84,087.00. Administering Department: Transportation

This amendment increases the funding for the consultant to provide additional drainage studies, environmental studies and reporting for utility discovery due to a requirement change in ADOT policies for federal projects.

#### \*Procurement Method:

Pursuant to Direct Selection authority of A.R.S §34-103 the Board of Supervisors awarded a contract for Requisition No. 248340 on 02/21/17 in the not-to-exceed amount of \$380,000.00 for a contract term of 02/21/17 to 06/30/19.

Attachment: Amendment No. One (1)

### \*Program Goals/Predicted Outcomes:

Final plans will be available for the bidding and construction of Bopp Road, Sarasota Boulevard at Kinney Road Improvements Project.

#### \*Public Benefit

The project will improve safety, reduce congestion, improve operations, and increase mobility for commuters along the Kinney Road corridor.

### \*Metrics Available to Measure Performance:

Project design is complete, allowing for bidding and construction of intersection.

#### \*Retroactive:

No.

10: COB - 10.30-17 Pfs. - 25

Page 1 6 20 W 7 V 30 V 1 PM 20 PM 20 PM

Contract / Award Informati		e e e e e e e e e e e e e e e e e e e
		Contract Number (i.e., 15-123):
,	-	Prior Contract Number (Synergen/CMS):
☐ Expense Amount: \$*		Revenue Amount \$
*Funding Source(s) require	id:	* .
Funding from General Fund?	CYes ONo If Ye	S\$ %
Contract is fully or partially fulls the Contract to a vendo	oping garage are seen as a garage of the contract of the contr	Yes No
Were insurance or indemnity	clauses modified?	Yes No
If Yes, attach Risk's approv	val	
Vendor is using a Social Sec	urity Number?	Yes No
	orm per Administrative Proced	ure 22-73.
Amendment / Revised Awa	rd Information	
		R. Contract Number (i.e., 15-123): 17-270
		AMS Version No.: Three (3)
~		New Termination Date:
		Prior Contract No, (Synergen/CMS):
Expense or Revenue	€ Increase . C Decreas	
Is there revenue included?	OYes ONo	If Yes \$
*Funding Source(s) require	1 1987 9	36.
200000 T		
Funding from General Fund?	CYes © No	If Yes \$ %
Grant/Amendment Informa	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	and awaids). Assumed the minority
Document Type:	Department Code:	Grant Number (i.e., 15-123):
Effective Date:	Termination Date:	Amendment Number:
☐ Match Amount: \$	and the contraction of the contr	Revenue Amount \$
*All Funding Source(e) req	ulred;	
Match funding from Gener	ral Fund? OYes ONo	If Yes 5 %
*Match funding from other *Funding Source:	sources? CYes (No	If Yes \$ %
*If Federal funds are receiv Federal government or pas	red, is funding coming dire sed through other organiz	
Contact: Christy Bustillos,	Senior Buyer Munity	abustitles afrene 10-23-19
Department: Procurement	man.	10 24/17 Telephone: 724-8414
Department Director Signal	ture/Date: \ What	n Klware 10/34/1
Deputy County Administrat	or Signature/Date:	10/25/17
County Administrator Signa (Required for Board Agenda/Addenda	iture/Date:	Jun - 10/20/17

#### PIMA COUNTY DEPARTMENT OF TRANSPORTATION

PROJECT:

Bopp Road, Sarasota Boulevard at Kinney Road

Improvements (4KINBO)

**CONSULTANT:** AECOM Technical Services, Inc.

333 E. Wetmore Road Tucson, AZ 85705

CONTRACT NO.: CT-TR-17-270

AMENDMENT NO.: One (1)

**FUNDING:** 

DOT 57 HURF

**ORIGINAL CONTRACT AMOUNT:** \$ 380,000.00

AMENDMENT NO.

invoices.

contract.

documents

This number must appear

PRIOR AMENDMENT(S): AMOUNT THIS AMENDMENT:

84.087.00 \$

on all

and

this

CONTRACT

CT-TR-17-270

correspondence

\$

pertaining

REVISED CONTRACT AMOUNT:

464,087.00 \$

**CONTRACT TERM:** 02/21/17 - 06/30/2019 TERMINATION PRIOR AMENDMENT: N/A **TERMINATION THIS AMENDMENT: 06/30/2019** 

#### **CONTRACT AMENDMENT**

WHEREAS, COUNTY and CONSULTANT have entered into the Contract referenced above; and

WHEREAS, COUNTY requested the CONSULTANT to perform additional drainage studies and environmental studies and reporting for utility discovery due to a requirement change in ADOT policies for federal projects; and

WHEREAS, CONSULTANT submitted a Scope of Work and a Fee Schedule that is acceptable to the COUNTY; and

WHEREAS, COUNTY and CONSULTANT have agreed to modify the Contract to reflect these changes.

**NOW, THEREFORE** it is agreed as follows:

CHANGE the first sentence of ARTICLE 2 – SCOPE OF SERVICES as follows:

From: CONSULTANT agrees to provide Engineering Design Services for the Bopp Road, Sarasota Boulevard at Kinney Road Improvements Project for the COUNTY as described in EXHIBIT A: SCOPE OF WORK (18 pages), attached to this Contract.

To: CONSULTANT agrees to provide Engineering Services and Post Design Services for the COUNTY as described in EXHIBIT A: SCOPE OF WORK (18 pages) and EXHIBIT A-1: ADDITIONAL SERVICES TO SCOPE OF WORK (6 pages), attached hereto and made part of this Contract.

CHANGE the first two sentences of ARTICLE 3 - COMPENSATION AND PAYMENT as follows:

From: In consideration of the services specified in this Contract, COUNTY agrees to pay CONSULTANT Not. to Exceed Three Hundred Eighty Thousand Dollars and Zero Cents (\$380,000.00). CONSULTANT'S fees are as stated in EXHIBIT B: CONSULTANT FEE PROPOSAL (20 pages), attached to this Contract.

To: In consideration of the services specified in this Contract, COUNTY agrees to pay CONSULTANT Not to Exceed Four Hundred Sixty-Four Thousand Eight-Seven Dollars and Zero Cents (\$464,087.00). CONSULTANT'S fees are as stated in EXHIBIT B: CONSULTANT FEE PROPOSAL (20 pages) and EXHIBIT B-1: CONSULTANTFEE PROPOSAL ADDITIONAL SERVICES (17 pages), attached to this Contract.

#### ADD attached:

EXHIBIT A-1: ADDITIONAL SERVICES TO SCOPE OF WORK (6 pages)

EXHIBIT B-1: CONSULTANT FEE PROPOSAL ADDITIONAL SERVICES (17 pages)

This Amendment shall be effective on November 21, 2017.

All other provisions of the Contract, not specifically changed by this Amendment, shall remain in effect and

be binding upon the Parties. IN WITNESS WHEREOF, the Parties have affixed their signatures to this Amendment on the dates written below. APPROVED: CONSULTANT: Chair, Board of Supervisors Associate Vice President Name and Title (Please Print) Date 10/27/ Date ATTEST: Clerk of the Board APPROVED AS TO FORM: Deputy County Attorney **TOBIN ROSEN** Name (Please Print)

Bopp Road – Sarasota Boulevard at Kinney Road Improvements (4KINBO) Scope of Work September 27, 2017

# ADDITIONAL SERVICES TO THE ORIGINAL SCOPE OF WORK FOR

# Design Engineering Services for Bopp Road – Sarasota Boulevard at Kinney Road Improvements (4KINBO)

### Contract Modification No. 1

During the term of this Agreement, the engineering consultant, **AECOM**, (CONSULTANT) shall perform professional services for Pima County (County) in connection with the above referenced project. This scoping document shall be used to plan, conduct, and complete the CONSULTANT's work on the project. The subconsultants requiring a Contract Modification (CM) has included their respective scope of work.

#### I. BACKGROUND

The existing intersection of Bopp Road (Rd.) and Kinney Rd. is functionally obsolete and needs improvements to accommodate current and future travel demands safely. Current travel demands on Bopp Rd. are causing operational issues at the intersection with Kinney Rd. Traffic is using Donald Avenue as a cut-through route to avoid the existing intersection at Bopp Rd. and Kinney Rd. Improved access to and from Kinney Rd. is needed for traffic on Bopp Rd. The improvements are necessary to reduce the number and severity of crashes and to provide capacity for current and future travel demands. The proposed improvements will result in increased safety and better traffic operations. The project will be developed with DOT 57 HURF Bond funds. The project will be constructed with a combination of federal STP funding and DOT 57 HURF Bond funds and funding from Southwest (SW) Area Impact fees. Because the project will be using federal funds for construction, the project is being coordinated with the Arizona Department of Transportation (ADOT).

#### II. PROJECT DESCRIPTION

This project consists of realigning Bopp Rd. from where it currently connects with Kinney Rd. to where it will connect with the southerly extension of Sarasota Boulevard (Blvd.) Realigning Bopp Rd. with Sarasota Blvd. will create a four-way intersection at Kinney Rd. and Sarasota Blvd. This will improve traffic safety and operations. The existing alignment of Bopp Rd. will be maintained to provide access for local traffic only. A cul-de-sac at the west end of Bopp Rd. will prevent traffic from continuing west on Bopp Rd. The design activities include: roadway; structures; drainage; utility location and relocation coordination; survey; right-of-way documentation; traffic analysis for the traffic signal; signing and pavement marking; geotechnical investigations for pavement design; and National Environmental Policy Act (NEPA) environmental documentation.

Tasks that address the additional services include:

- Task 3.18.4. Utility Coordination and Environmental Documentation for Utility Potholing. This
  work involves the preparation of the utility pothole information and environmental documentation to
  perform subsurface utility investigations for existing utilities.
- Task 3.20.7. Tucson Water System Modifications. This work involves developing the Plans, Specifications & Estimate (PS&E) for the Tucson Water System Modifications in accordance with Tucson Water requirements and standards.
- Task 3.20.8. Additional Services for Geometry Changes. This task describes the work to date that resulted from changes to the original scope of services.

#### III. DESIGN CRITERIA - Revised to include Tucson Water Design Criteria

The design criteria for the Tucson Water System Modifications will comply with Tucson Waters' Specifications, Standards and Details, 2011 Edition.

- IV. PROJECT SCHEDULE No change from original Scope of Work.
- V. ITEMS AND SERVICES TO BE FURNISHED BY THE COUNTY No change from original Scope of Work.
- VI. ABBREVIATIONS No change from original Scope of Work.
- VII. PROJECT DOCUMENTATION No change from original Scope of Work.
- VIII. WORK TASKS Changes from the original Scope of Work are summarized below.
- TASK 3.1 PROJECT MANAGEMENT Change to Task 3.1.1. Project Management
- **Task 3.1.1. Project Management.** Hours were included to cover the work necessary to update the project budget, subconsultant contracts and project administration. All other work is as stipulated in the original Scope of Work.
- TASK 3.2 QUALITY CONTROL Change to Task 3.2.2. Meetings and Communication.

#### Task 3.2.2. Meetings and Communication. This task is revised as follows:

- a. Conduct kickoff meeting with the project team (1 total). Completed
- b. Attend project field meeting (1 total). Completed
- c. Conduct bi-monthly progress meetings with the project team (6 total). Meetings were held monthly in order to keep the project on track. This Contract Modification includes an additional three progress meetings to be held over the remainder of the contract period.
- d. Conduct over-the-shoulder (OTS) review meetings with County reviewers after major submittals to review and resolve comments on each submittal (3 total). The original Scope of Work combined the Stage I/II submittal. However, due to the changes in the vertical alignment and drainage design, a separate Stage II package was prepared and submitted for review and an OTS review meeting was held for this submittal. An additional OTS review meeting will be included in this Contract Modification to cover this review and maintain the future OTS review meeting for the Stage IV submittal.
- TASK 3.3 UTILITY COORDINATION No change from original Scope of Work
- TASK 3.4 PUBLIC PARTICIPATION No change from original Scope of Work.
- TASK 3.5 FEDERAL, STATE AND LOCAL COORDINATION No change from original Scope of Work.
- TASK 3.6 PUBLIC ART No change from original Scope of Work.
- TASK 3.7 DATA GATHERING No change from original Scope of Work.
- TASK 3.8 ENVIRONMENTAL IMPACT SCREENING No change from original Scope of Work.
- TASK 3.9 LOCATION REPORT No change from original Scope of Work.

- TASK 3.10 SURVEY AND MAPPING No change from original Scope of Work.
- TASK 3.11 DRAINAGE REPORT This task modified to include Task 3.11.8. Alternative Development and Analysis.
- **Task 3.11.8 Alternative Development and Analysis.** Refer to SCE's Scope of Work Contract Modification No. 1.
- TASK 3.12 GEOTECHNICAL INVESTIGATION No change from original Scope of Work.
- TASK 3.13 PAVEMENT DESIGN REPORT No change from original Scope of Work.
- TASK 3.14 BRIDGE STRUCTURE SELECTION REPORT No change from original Scope of Work.
- TASK 3.15 TRAFFIC ENGINEERING STUDY No change from original Scope of Work.
- TASK 3.16 ARTERIAL STREET LIGHTING DESIGN REPORT No change from original Scope of Work.
- TASK 3.17 DESIGN CONCEPT REPORT No change from original Scope of Work.
- TASK 3.18 ENVIRONMENTAL ASSESSMENT AND MITIGATION This task modified to include Task 3.18.9. Utility Coordination and Environmental Documentation for Utility Potholing
- Task 3.18.9. Utility Coordination and Environmental Documentation for Utility Potholing. This work involved the preparation of the utility pothole information and environmental documentation to obtain an environmental clearance to perform subsurface utility investigations for existing utilities. AECOM coordinated with the utility companies to identify the pothole locations and develop a potholing plan. In addition, AECOM conducted the review and prepared the Technical Memorandum for the Cultural Resource Review and the Biological Evaluation Short Form (BESF). These documents were distributed to Pima County and ADOT for use to develop the Categorical Exclusion Checklist for the environmental clearance.
- TASK 3.19 RIGHT-OF-WAY ACQUISITION SUPPORT No change from original Scope of Work.
- TASK 3.20 PREPARATION OF CONSTRUCTION DOCUMENTS This task modified to include Task 3.20.7. Tucson Water System Modifications and Task 3.20.8. Additional Services for Geometry Changes
- **Task 3.20.7. Tucson Water System Modifications.** The CONSULTANT will develop the Tucson Water System Modification PS&E to include in the Stage III Stage V construction documents submittal. We anticipate the following plans sheets:
  - Cover Sheet (1)
  - Notes, Legend, Abbreviations & Materials Quantities Summary Sheet (1)
  - Plan Sheets (7)
  - Plan and Profile Sheets (2)
  - Detail Sheets (2)
- Task 3.20.8. Additional Services for Geometry Changes. The original design was based on previous projects from 2002 and 2007, and the Project Charter prepared by Pima County on December 19, 2016. The design in these documents raised the intersection to pass 100-year storm events under Kinney Rd. and the new alignment of Bopp Rd. Sarasota Blvd. was designed with a dip section to allow flows to cross the road. Based on this design, the original Scope of Work accounted for the following submittals: Stage I/II combined, Stage III, Stage IV, and Stage V Plans, Specifications, and Estimates (PS&E) packages. Due to the high

construction cost and impacts to existing Pima County parcels of the proposed roadway and drainage design, the consensus was to lower the vertical alignment. This decision occurred after the Stage I submittal; which included the Stage I plans and estimate, Drafts of the Project Assessment, Drainage Memorandum, Geotechnical Report, Pavement Design Report, Traffic Technical Memorandum, and the Visual Assessment. The Stage II plans and estimate and the applicable technical documents were revised to address the lower vertical alignment. Due to major changes to the vertical and horizontal alignments, the AECOM project team revised the documents and prepared a separate submittal for the Stage II package. Following is a description of the geometric changes:

- Vertical Alignment The original vertical alignment for Bopp Rd., Kinney Rd. and Sarasota Blvd. were approximately four feet above the existing ground level. Lowering the vertical alignment resulted in the following rework and changes:
  - Several iterations of revisions to the vertical alignment on all three roadways to meet the design criteria and the Floodplain Ordinance requirements; which involved close coordination with SCE.
  - Revisions to the vertical profile in Inroads and on the plan sheets.
  - Remodeling the geometry to revise the earthwork quantities and update the cut-fill lines.
  - Revisions to the cross sections and quantities.
- Horizontal Alignment The changes to the horizontal alignment included:
  - o Revising the cross slope of Bopp Rd., Kinney Rd. and Sarasota Blvd. to superelevate it to allow drainage to continue to flow in its current drainage pattern.
  - o Revisions to the edge of pavement to include a bump out with concrete ford wall on the downstream side at major at-grade drainage crossings. Concrete ford walls were added to the edge of pavement on the upstream side.
  - Eliminating the vertical curb in the medians and replacing it with concrete header. This
    change was made so that flows could continue crossing the roadway and not impeded by the
    raised curb.

Other major changes to the horizontal alignment included:

- Revising the horizontal alignment to eliminate the connection of the existing Bopp Rd. alignment to
  the new Bopp Rd. alignment and the cul-de-sac at the east end of the existing Bopp Rd. alignment.
  The existing Bopp Rd. alignment was revised to maintain the Kinney Rd./Bopp Rd. intersection and a
  cul-de-sac was designed at the west end of the road. The existing Bopp Rd. alignment will be
  maintained for local traffic use only.
- Modifying the travel lane width from 12 feet to 11 feet. The original layout was based on the horizontal alignment from the previous projects and matched the lane widths on the existing roadways. Based on comments on the Stage I plans from the County, the through lanes were narrowed to 11 feet, resulting in resetting the edges of pavement and revising the typical sections, roadway plan and profile sheets, geometric data sheets, and the pavement marking sheets. The work also involved remodeling the roadways to update the earthwork.

# SCOPE OF WORK Contract Modification No. 1

### Design Engineering Services for Bopp Road – Sarasota Boulevard at Kinney Road Improvements (4KINBO)

During the term of this agreement, the engineering consultant, SCE Engineering, (SCE) shall perform professional services for Pima County & AECOM in connection with the above referenced project. This contract modification is to accompany the master contract modification prepared by AECOM. To be consistent with the master contract modification, the tasks are organized and numbered to coincide with that of the master document.

An initial design for this project was prepared using the plan layouts from the initial 2002 project, the following 2007 project, and the 2016 Project Charter prepared by Pima County as the basis of design. All of these plans followed Pima County guidelines of passing flows from the 100-year event under Kinney Road and Bopp Road. However, the hydrologic analysis for the current project produced significantly larger flows at the concentration point for the box culvert under Kinney Road. To mitigate the increased size/cost of a larger box culvert, Pima County requested an arch culvert be considered as a cost savings measure. However, based on the design for the 15% plans, the construction costs for roadway and drainage were still found to be higher than the available project funding.

The parcel downstream of Kinney Road is designated as 'open space'. Research by Pima County showed that excavation is allowed on the parcel, and direction was provided to allow excavation for an outfall channel for the new box culvert under Kinney Road. However, at the 15% plan review, environmental concerns for the parcel downstream of the new box culvert under Kinney Road were expressed, and direction was given to modify the design to minimize the excavation.

Development of alternatives that fell within the available project construction budget and addressed concerns for the open space parcel was required. This affected both the roadway vertical alignments for Kinney Road, Bopp Road, and Sarasota Boulevard, and the cross drainage for both roadways. Alternative development and analyses were not included in the original scope of work. This contract modification is being prepared to address the alternative analyses.

#### TASK 3.11 DRAINAGE REPORT (SCE)

#### Task 3.11.8 Alternative Development and Analysis.

Alternative analyses have been performed between the 15% and 30% plan submittal, and after the 30% plan submittal.

Between the 15% and 30% submittal, two alternative roadway vertical profiles that met design speed criteria were developed by AECOM for Kinney Road and for Bopp Road. FLO-2D models were created for each, but the concepts did not meet the Pima County Flood Control Ordinance requirement of a maximum 0.1 foot increase in water surface elevation on private properties.

After the 30% plan submittal, SCE developed 6 alternative roadway vertical alignments for Kinney Road, Bopp Road, and Sarasota Boulevard with the goal of meeting the requirements of the Floodplain Ordinance. SCE developed roadway models for each roadway, created the associated FLO-2D models, and analyzed results for each of the six alternatives. The alternative most closely meeting the Floodplain Ordinance requirements is being carried forward in the 60% design.

Coordination with AECOM has been required. The vertical alignment for the best alternative was provided to AECOM for adjusting the geometry as needed to meet roadway criteria established by AECOM and Pima County. AECOM provided dtm's for the three revised roadways, and the FLO-2D model was updated. Revisions are required to the design portion of the drainage report with the new direction the design has taken.

### EXHIBIT B-1: CONSULTANT FEE PROPOSAL ADDITIONAL SERVICES (17 pages)

AECOM

## PIMA COUNTY FEE ESTIMATE SUMMARY

PROJECT:

Roadway Planning & Engineering Design Services:

DATE: 9/27/2017

PREPARED BY:

Bopp Road - Sarasota Boulevard at Kinney Road Improvements (4KINBO)

CONTRACT NO.:

CT-TR-KINBO

EFFECTIVE DATE:

1/17/2017

CONSULTANT:

AECOM Technical Services, Inc.

\$84,087

CONTRACT TIME:

14-Months from N.T.P.

Charlene Robinson, PE

CONTRACT TYPE:

COMPENSATION:

CPFF

#### DIRECT LABOR COST

DIRECT LABOR COST					
		No. HOURS	HOURLY RATE	TOTAL COST	
		Estimated	Estimated	Estimated	
<u>DESCRIPTION</u>	CLASSIFICATION	<u>Hours</u>	Rates	<u>Cost</u>	
1 Additional Services to the	Project Principal	2	\$85.32	\$170.64	
Original Scope of Work	Project Manager	61	\$69.74	\$4,254.14	
	Senior Project Engineer	72	\$66.64	\$4,798.08	
	Project Engineer/Planner	136	\$54,35	\$7,391.60	
	Drafting/CADD/Graphics	202	\$33.82	\$6,831.64	
	Senior Environmental Scientist	38	\$48.40	\$1,839.20	
	Project Environmental Scientist	24	\$31,39	\$753.36	
	Survey Manager	0	\$43.92	\$0.00	
	Survey Technician	0	\$38.10	\$0.00	
	Project Admin	10	\$27.89	\$278.90	
(A) Direct Labor		545 Hr	S.		<u>\$26,318</u>
OVERHEAD					
(B) OH Rate x (A)	or	139.140%	x \$26,318	=	\$36,618
PROFIT					
(C) % Profit Rate x (A+B)	or	10.0%	x \$62,936	=	<u>\$6,294</u>
ESTIMATED OTHER DIRECT EXPENSES					
TRAVEL (Phoenix Staff)	•			= \$0	
				= \$0	
COMMUNICATIONS					
REPRODUCTIONS				= \$0	
EXHIBITS				= \$0	
SPECIALIZED VENDORS				= \$0	
(D) Estimated Other Direct Expenses				=	<u>\$0</u>
(E) ESTIMATED OUTSIDE SERVICES & SUBCO	NSULTANT COSTS				
SCE				= \$13,128	
Wheat Design Group				= \$1,730	
Golder Associates				= \$0	
			•		
Sound Solutions Acoustical Consulting				= \$0	
Traffic Research & Analysis, Inc				= . \$0	
(F) TOTAL COST FOR ALL SUBCONSULTANT	AND OUTSIDE SERVICES			= .	<u>\$14,858</u>
ADDITIONAL SERVICES		•		=	<u>\$0</u>
POST DESIGN SERVICES		•		=	<u>\$0</u>
ESTIMATED FEES					

<sup>\*</sup> The cost estimates included in this proposal are valid for six months from the date of submittal. If the proposal is accepted after said period, AECOM reserves the right to review and retain or modify the cost estimates stated herein in order to appropriately reflect changing costs and salaries and similar economic considerations. Any changes to this scope of work may require a modified estimate.

(G) TOTAL CONSULTANT FEE

<sup>\*\*</sup>Totals may not sum due to rounding.

MAIN TASK	Main TABE Description	SIJB	Sub-TASK Description	Hoject		Sentor	Project	Drafting/	Survey	Sarrey	Sentor		Project	
		TASK 6		Principal	Project Manager	Project Engineer	Lighter	CADD/Graphics	Manager	Technician	Roy.Scientist	Eav.5cientist	Adaila	TOTAL
1	PROJECT MANAGEMENT	3.1	Project Management	2	0	4	0	0	0	0	0	0		14
		3.2	Quality Control Process	0 .	0	12	10	0	0	0	6	0	2	40
		3.5	Coordination with Government Agencies	D	0	0	0	0	0	0	0	0	0	0
			Task Totals=	2	U	26	10	0	0	0	- 6	0	10	54
2	PUBLIC INVOLVEMENT	34	Public Participation	. 0	0	0	D	0	. 0	a	0	Ü	0	0
J	ARTWORK	3.6	Public Art	0	0	a	0	u	0	a	0	0	0	0
	ENVIRONMENTAL SERVICES	3.B	Environmental Impact Screening	- 0							-	0		
-	ENVIRONMENTAL SERVICES		Environmental Assessment/Africation	- 0	24	0	- 0	0	0	0	32	24	0	0
		3.16	Task Totals*	0	24	u u	8	0	0	0	32	24	0	88
- 5	ENGINEERING SERVICES	3.7	Gathering Data	0	0	0	-		0	0			0	0
-	ENDINEERING SERVICES		Location Report		0	0	- "	0				0	0	
			Surveying and Marning	0	0	0	0	0	0	0	0	0	0	0
			Drainage Report	<u>0</u>	<del>'</del>	- ;	<del></del>	0	0		0	<u> </u>	0	+ ;
			Gentechnical Investigation	0	0	0	0	0	<u> </u>		0	0	<del>- </del>	1 0
			Pavement Design Report	0	0	B	0	0	ň	0	0	0	0	1 0
		3.15	Traffic Engineering Report	0	0	0	0	0	0	0	0	0	Ö	0
		3 16	Arterial Street Lighting Design Report	0	0	D	0	0	0	0	0	0	0	0
		3.17	Design Concept Report	0	0	0	0	0	0	0	0	0	0	0
		3.19	ROW Acquisition Support	0	0	G-	0	0	0	0	- 8	0	0	- 0
		3.20	Preparation of Construction Documents	0	35	44	118	202	0	0	0	0	a	399
			Task Totals	0	37	46	118	202	Ð	q	0	0	0	103
6	UTILITY	3.3	Utility Coordination	0	0	0	0		0	D	0	0	0	0
7	BRIDGE	3.14	Bridge Structure Selection Report	0	0	В	- 6	0	0	D	0	0	0	9
		_				-								+
eleur		JAMES .	TOTAL WORKHOURS	3 E 6	51	12 12	116	202	1100	111 3 <b>6</b> 111 11	30	24	15010	365

1 ask #											
Destipling	Project Services	THE PERSON NAMED IN COLUMN	Marie Sentar Marie	Prolectives	THE PROPERTY OF THE PARTY OF	Server -	Survey	Hen for	PATRICIPAL CONTRACTOR	Projective	21022342413171
Description :	A CONTRACTOR OF THE PARTY OF TH	AND THE RESERVE OF THE PARTY OF		SHEW AND SHEET	<b>新型化型的工作品等</b>	and the second second	THE RESIDENCE	100		SECOND SECOND	TOTAL
	SERFING PALITIES	SE PLOISE WHENESEL W.	TALOURE KHEROKE	See ED CHREET	C-LADINGTH DRICK	C PARENTEE ST	(A PERMISSION 2	WETA A DEMINATED	ALLEY DEMOUSES	CALADINE 20	SELUTAL ST
Tark J.1				_						1	L
1 Project Management											
3 T.1 - (PM - 14 Months (B Blue Mith) Propert Management Tests	STOREM TOTAL STORES	NEMED OF BUILDING	THE RESERVE OF THE PARTY OF THE	DOMESTIC DESIGNATION OF THE PERSON OF THE PE	SKIZISKY O PRINCIPAL	\$20,810,035,155	湖 and and and and	设施的END公司公司公司	等所提出 0 次多共享	8	高级1446年
						I					
Subtotal	2	0	4	D	0	0	0	0	0	8	14

Description (1)	Project Principal	Project Minnager	Senior	Project Pagineer	Draftling/ CADD/Graphics	Survey.	Harvey Technicism	Senior Env. Scientist	Env. Scientist	Lirojeci Adudir	TOTAL
TarkJ.2											
1 Quality Centrol Process											
1.2.1 - Quality County Plan at 15 to 4 and 16 to 2 and 16	TO SHOW THE PARTY OF THE PARTY	SELECTION DESIGNATIONS	0	47.740534	SAME DIVERSE	44N 0 34		A-2010 3-25-E	0	HERE DOMESTIC	記録の記録
3.23 - Mortage and Communication	<b>建基金的 0 点点形态</b>		22	10 200	Transport Order (1992)	200000	H-56-10 H-56-E	到村村城6市州田村	<b>电影中国 10</b> 电影响	<b>特特企业研制的</b>	1939 A 1935 C
3.1.3 - Schebin (Cresis Propert Schebile)	112 140 H	STATE THE DIRECTOR	260-11-00-12-00	98 E4940 + 128 F	4.000.000.000.000.000.000.000.000.000	text O date	2011/05/2014	0.00	0.00		METO TO STATE
Subtotal	0	0	22	18	0	Q I		6	0	2	40

Description	Project	Alemania mangan	Senior	Project 200	Drafting/	Surer	⇒ Burry	Sealor	SIGNATE SERVICE	Project #	STORES.
	Principal	Project Manager	Project Engineer	Legiocer	CADD/Graphics	Managor	Technician	Env. Scientist	- Env. Scientist	Adenin	TOTAL
TaskJJ											
5 Utility Coordination											
10.12 Unity Bare Pla Charles 12 State 1	Barrer out of the			ALCONOMO VERNOSA	23 1 2	THE POST OF THE PARTY OF THE PA	20242 C 0 112320	NUMBER OF STREET	Carallelo o marine	MARKE IN PROPERTY	X12/25/ <b>(0</b> /20/2)
2.3.2 - Date Gethering Prolin Design Nei Bossions, As-Built Reposts	COMPANIES	CHARLES OF THE STATE OF	5.00 (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990) (1990)	-14-14-0	中新州海河 0 绿溪州南州	0	55110 SAG	<b>ERENOWAL</b>	THE PROPERTY.	0-	References
133 - Design Coordination, Utility Impact Identification	PARTICIPATION OF THE PARTIES AND THE	<b>建于安全人口存分的过去分</b>	0.00	and the first of the same of t	0	***********	<b>经民有提出</b>	324440 <b>0</b> 324244	definition of the	0	0.0
3.1.4 - Wity Migram Maurie			<b>拉斯特斯斯BISES斯特斯</b>	情がはなる対対機	<b>克特斯斯斯斯斯斯斯斯</b>	dell'origina	在原件中說他就	通信性生食 建物原料	は世界の発展的	共産党の担任	0.14
13.3 Quality County Review	April 10 Page 1	44644044444	TO THE PROPERTY.	ASSESSED OF THE PARTY.		<b>相称09均数</b>	SEMBAL DATE OF THE	THE CONTRACT	AND TO STATE OF THE STATE OF TH	<b>建筑地口油线线</b>	HE COLOR HA
Subtotal	0	0	1)	0	0	0	- a	0	0	0	a

Description	Project :	Project Manager	Senior Project Engineer	Project Engineer	Draftleg CADIFGraphics	Spryay Survay Manager Technician	Senlor Env. Scientist	Pay Scientist	Project Admin	TUTAL
TaskJ,4										
1 Public Participation										
3.43 - Public Mortings (2) and Grandes and Control of the Control	STATE OF THE PARTY.	ATTEMENT OF THE PROPERTY.	CHARGE DISTRICT AND	STREET OF STREET	PRINCE DEPOSIT	THE OWNER WHEN DESIGNATION AND PARTY.	a decrease <b>o</b> sections	48373500355555	STATE OF THE PARTY.	Salada <b>o</b> utanas
3.4.2 - Dosen One Property Owner Meetings (4.3.2 Ins)	CONTRACTO CONTRACTOR	THE PROPERTY OF THE PARTY OF TH				SERVICE SERVICES				1565F2 <b>0</b> /566/64
3.4.3 Quality Cantral Basiner	eller of order		HERENIA DESERVACIONES	<b>海岭沿岸0</b> 米11米1米	于FFFEE 0 50000000000000000000000000000000	The state of the s	0.0	EFFE D THE	THE OWNER.	411-0
Subtotal	0	0	0	0	15	0 0	0	0	0	0

Description	Principal	Project Manager	Senior Project Engineer	Project Dagineer	DraRing CADD/Grephics	Survey Manager	Survey Technician	Senist Env. Scientist	Lov, Scientist	Project Admin	TOTAL
TgskJ.5											
Coordination with Government Agencies											
3.5.1 - Coordisate Between Proteipenop Apereira		7212120		TENERS OF THE STATE	WHISHE DEVIATIONS	3 O 5 115	47 10 TOTAL	11/2/10	CONTRACTOR OF COMMENTS		後性の対抗を
Subtotal	0	0	0		l li	0	Ð	0		D)	0

	Maria Terrando	800000000000000000000000000000000000000	Se alor	Property Company	Destino	Separative services	Future Control (Science Science Scienc	Herekwen Dawis an	specific processing.	See and the second	Section of the Co.
Description	Principal	Project Manager	Project Engineer		CADDGraphics	Manager		Sealor Env. Scientist	Eav. Scientist	Admin	TOTAL
Tank J. 6							L				
3 Public Art											
										<u> </u>	
WA THE THE STATE OF THE PARTY OF THE STATE O	<b>过去找20</b> 世纪的世	MARGINIO DI VISITE PER				their and the	预数能D 连续起	可以使用 0 对于成为	The second second	<b>地域 0</b> 排放性	percent of training
Subtotal	D	0	0	B	0	0	( a	0	0	, ,	

	Project Ser	MANAGEMENT	Senior	Project	Drafting/	Survey	Survey	Ben ler		Project	100000000000000000000000000000000000000
Perijelen	Principal	Project Manager	Project Engineer	Rogineer	CADD/Graphics	Munager	Technician	Env. Scientist	Env. Sciendit	Allmin	TOTAL
Task 1.7											
3 Gathering Data											I
2.7.1 - Gather Existing Information	07210	JERRENGER DER GERMANE.	<b>通過性的性質性的學科學</b>	19 Maria Distribution	CONTROL OF STREET	Esta Official	公核日本學習	利用が設めるなる。	AND PERSONAL PROPERTY.		
3.7.2 v Bin Visks Doring Project Design	the section of the se	immiliano di insente		a transminor de la propiet	Market Control	THE POST OF THE PARTY.	生物(自)的原则重	Material Designation	Manager of the second	EMAD GENERAL	
1.7.3 · Quality Control Barlese (C. 1985) 1985 1985 1985 1985 1985	<b>注制性数数数据数数</b>	thing out out of the second		ZURZDERS DER GERTERS	SHEET OF THE SEC.	\$1210 O 1221	PHILOURIST	探探的20位指出出	TENERO DESCRIPT	19882000000	. 113/27 <b>0</b> /372121
Subtotal	٥	0	0		0	. 0	0	- 0	0	0	0
											1

	Project		Henter State	2 Project 200	Drafting/	Survey	Berrey 2	S. Benton State	ensoumens:	Project	enginement.
Lever) plants	Principal	Project Manager	Project Engineer	Englasex		Manager	Technician	Env. Scientist	Euv. Scientist	Admin	TOTAL
Tank 3.5											
4 Environmental Impact Screening											
									*		
NA HOUSE DE BOUTE DE	denteronario	Martin Onlar Comm	A STATE OF THE REAL PROPERTY.	RESIDENCE OF STREET	THE REPORT OF THE PARTY OF THE	State Outputs	EXCEPT DIRECTOR	desire de la company	TEXASTER O SECURITY	AND DESCRIPTION	DESCRIPTION
Subtotal	0	0	0	0	0 .	0	0	e e	0	D	0

Description	Project Principal	Project Manager	Sealor Project Engineer	Project Engineer	Drafting/ CADD/Graphics	Survey Manager	Survey Technician	Senior Eury Scientist	Env. Schuttel	Project Admin	TOTAL
Tark 1.5											
NA Location Report											
						T					
W& Street Control of the Control of	े रिक्क्ट्रनिवेश विनात्मेद्रकेशानिक	4.66(10)至8.56( <b>0</b> )25(10)36(10)36(10)	PERSONAL OF COURT OF STREET	described One of the organic	Marketin Bodgerseige	derigat Distraction	Harris Desired	activitie <b>u</b> thique of l	CONTRACTOR OF THE PROPERTY.	Street University	964916 <b>Q</b> -1-14949
										1	
Subtotal	0	0	0	0	0	0	0	0	0	-0	- 0
,		· · · · · · · · · · · · · · · · · · ·			· · ·		1			1	

Description	Project Principal	Project Manager	Senior Project Engineer	Project Engineer	Drafting/ CADD/Graphics	Survey Manager	Survey Technicisc	Senior Env: Scientist	Fay Schools	Project Admin	TOTAL
TaskJ.10											
5 Surveying and Mapping											
		THE PERSON NAMED IN COLUMN 1									2000 to 1000 to
3 10.2 - Horizottel Control & Vertical Traverse	25 march 20 20 mar	(KNAP) 岩台 <b>0</b> (In 1995) 1995	nacional Decision in the	\$1500 <b>D</b>	<b>加州市外的地位的</b>	SHEARING	THE ROSE OF STREET	Destruction Destruction	areas of the same	ACTION DESCRIPTION	eriss 6 terits
3 10.7 - Results of Univery Deswing	STREET, CONTACTOR	和1000000000000000000000000000000000000		<b>企業があるがのはない。</b>	dagatare o menuntee	THE CONTRACT	<b>炒块用</b> 0.555000		Williams Or will be the	Describe	<b>的地域的電視性的</b>
3:10.4 - Buttey Report in the second	TO THE PERSON NAMED IN	https://doi.org/10.500/	STATE OF STATE	ALCOHOL: NAME OF	<b>建物物理器D的滤器制度</b>		SECUED INCOME.	<b>计数据数0.0000000</b>	CONTRACTOR CONTRACTOR	金銭金田高田田	25th O. France
3:103 - Aerial Mapping: Control of the Control of t	THE RESIDENCE OF THE PARTY OF T	three orders.		TOTAL OF STREET	(はなけないなどの)を含むない	経済部の記録は	部型 <b>(0</b> ) 数据	120000000000000000000000000000000000000	Section 12 in the	ALES DISSUIT	は計画の対象性
	はいません。	STATE OF THE PARTY OF									SULTO MAN
3.10.7 Cultur Daveys	0	A CONTRACTOR	0		2012-00-	<b>新加工 6 沙洲</b> (沙)	非中部Q2000年中	0.00	0.00	2000年	<b>非理論の指摘型</b>
	<b>建筑建设</b>				<b>非体验证证证证证证证</b>						
3.10.9 - Quality Control Rentow of Sorwy and Mapping	THE RESIDENCE OF SHIPE	Z114 20 1 20 1 20 2 2 2 2 2 2 2 2 2 2 2 2 2	ARCHIO ARCHIO	2000年第1日 D 2000年度	SECTION DESIGNATION OF THE PERSON OF THE PER	説を表する。	0.7	<b>建建物制度</b> 0.2000年度	0	投稿の存在	<b>企業報の主義等</b>
Sebtotal	1)	g	0	0	a a	. 0	1	0	0	0	0

	Decription.											
Administration											<u> </u>	
######################################	Drainage Report			<u> </u>								$\vdash$
Administration (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	3.11 L - Review Extratory Haza and Reports	0.000	o o	0	0	0	12020112	- G	0	45 and 0 and 4	Desc.	nime e
1 Chin Chint	1.)1.1 - Peak Districts Descripting over 15 to 10 years of the property of the party of the part	0 10 10 10 10 10 10 10 10 10 10 10 10 10	CONTRACTOR DESCRIPTION		reference o consistent	Harris STAP TO THE PARTY	PREMISES	20160 B 455346		AMERICAN AND PROPERTY.	******	19882
Con Chart Charles (1997)   Con Charl	3.11.3 + Rectable Conditions 100 to 1	The same of the sa	914322250 Retribute	0	A Paris of Distriction	0	HEROMOTHMEN	\$100 mm	CASSESSO DESIGNATION	CHEMINA CHEMINA	3000年036665	1000
	3 11.4 - DR Sta Disches and Cross Culvert Calculations	HE SHOUTH THE THE	telephone of the ballets	posterio de la como	TOTAL DATE OF	PERSONAL BURNEY BY	SHE OF LEWIS	<b>过时经0</b> /2008	CONTROL OF COMPANY	<b>经信息是6日时间</b>	554 D	(Apple)
	3:11.5 - Dudniga Reports	TOTAL OLD STATE	100000000000000000000000000000000000000	THE RESERVE OF THE PARTY OF THE	100000000000000000000000000000000000000	in a time a tolerance		THE DESCRIPTION OF THE PERSON	Children District	Common October	200 M	Times to A
	3.11 6 - Quality Control Review 3132-22-22-22-22-22-22-22-22-22-22-22-22-2	ACRESCO DESCRIPTO	Attachment 2 High Light	CONTRACTOR DESCRIPTION	THE STATE OF HIS BARBER	CONTROL OUR DESIGNATION	<b>建物表面积显示</b>	cases o telefa	THE DESIGNATION OF THE PERSON	<b>海南海流01988</b> 草原	State Break	158532
AND DEPOCATION OF THE PROPERTY	3.11.3 - Dudunga Repend	TOTAL OLD STATE	100000000000000000000000000000000000000	THE RESERVE OF THE PARTY OF THE	100000000000000000000000000000000000000	in a time a tolerance		THE DESCRIPTION OF THE PERSON	Children District	Commence of the last	<b>工业企</b>	张规
	Subtotal	0	2	1	0	0	0	1 0	0	0	1 1	-

Description (	Project Principal	Project Manager	Sentar Project Engineer	Project Engineer	Drafting/ CADD/Graphics	Sarvey Manager	Survey Technician	Senior Eur, Scienifet	Env. Scientist	Project Admin	TUTAL
Task 3.12  Gentechnical Investigation						-				<u> </u>	<del></del>
3.12.1 - Geological Investigations	2.74.2.0 O Market	SSIGNATION OF THE PARTY.		STATE OF THE PARTY	ACCRECATE OFFICER AND ADDRESS OF	THE CHAPTE	原理なるのが出対	SECTION STATES	THE PERSON NAMED IN	TO 10 12 757	TOWO THE !
3.122-Gatechnical Menocardum resociations of the control of the co	REMOVED TO SERVICE		SACRET CONTRACTOR	action of the second	Contract of the contract of th	12492 <b>0</b> 185955	Section Control	THE PROPERTY OF THE PARTY OF TH	ALIEN DER SERVE	THEOLEGICA	127.50
3,12.3 - Quilly Cintrol Ratios	ACCUSO DE LEGICA	CONCORD OF THE PARTY OF	三十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二	SPECIAL DARWEST	HISTORY OF STREET	TENOUS TO	CONTRACTOR OF THE PARTY OF THE	0.000	STREET OF THE PARTY.	TOTAL DESIGNATION OF THE PERSON OF THE PERSO	TONION OF CHAPTER
Subtotal	D	0	0	a a	0	D	0 .	0	0	11	0
					***************************************						-

				-							
Description	Project Principal	Project Magazier	Senior Project Engineer	Project Englaser	Drafting/ CADD/Graphics	Manage	Survey Technicism	Senior Day Scientist	Pay Scientist	Project	m
TaskåtJ											_
Pavement Design Report											=
3.13 L - Prognant Dougs Suppliery	analan o ataun	TALLED B SHIPPER	tales series of the life	1001002010000	270121620 <b>0</b> 257155163		incompanies	0.00	alistratio <b>n</b> (alistration	15000000	EERIA
3,13.2 - Quality Control Review	Sekalana <b>o</b> kili marki	54-96-50g. <b>0</b> magazina d	property of the contract of th	automorphism is	issociated in European	150000000	2020 <b>0</b> 2513	ORDER DESCRIPTION	### 1:02 - 02 P	0 -	
Subtotal	8	0	0	0	0	0	0	0	0	0	<del>                                     </del>

Description	Project Principal	Project Manager	Senior Project Engineer	Project Engineer	Drafting/ CADD/Graphics	Surer Manager	Burrey Technician	Senior Env. Scientist	Kev Scieplist	Projeci : Admin	TOTAL
TaskJ.14									T		
5 Bridge Structure Selection Report											
WA-4 SHE SAFERS AND THE SAFE SHE SHE SHE SHE SHE SHE SHE SHE SHE SH	AND THE DISPRISE	eter process of the contract	GERGEFURIO PER SENERE E	Charles Districted	Geograpia o successiva.	Pierre Disease	98 89 <b>0</b> 40 4 4 8		SU VIII D INTERNE	G	nest Office
Subtotal	0	0	- 8	0	0	0	0	Ð	D	0	Ð
		L	l		<u> </u>	11					

Charles Charles Charles	Principal	Project Manager	Project Engineer	Engineer	CADD/Graphics	-Manager -	Technician	Env. Scientist	Env. Scientist	Attenta	TUT
Task J. 15		-								1	T-
Traffic Engineering Report											$\overline{}$
		1						1	1	1	1
3.15.1 - Traffic Engineering Technical Memorandust	James de la companya	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	THE REPORT OF THE PERSON	CONTROL OF COMPLETE	destroyed the sec	<b>建设和0.4119</b> 年	经银票 日州北京社	Afferment Britisment	CONTRACTOR OF STREET	Out of	SEE 176
3 15.2 - Quality Crested Ratins	4012/01/4 (2745/00) (4740/00)	1001517-0100-000	SERVERS OF SEASONS	252300 <b>0</b> 2536420	AND COMPONENTS	22/20/2019	or the Daniel St.	total of passing	PROFESSION OF THE SAME	10150 <b>D</b> 106101	<b>EM</b> R
Subtotal	0		0			0	g .	0	0	0	+
		1									_

Description 1975	Pro Prin	ect Jpsi	Projec	Manager	Pro	Sector Jeck Engineer	Project Enginee		Drafting/ CADD/Graphics	Sarvey Manager	Survey Technicia			Eav. Scientist	Project Admin	TOTAL
Tark.J,16										Г	T					i
5 Arterial Street Lighting Design Report			T		$\overline{}$						1					$\overline{}$
					$\overline{}$					1	1					
NA POLICE DE LA CONTROL DE LA	ap perceived	超別群時	<b>科的时期</b> 特	0::::::::::::::::::::::::::::::::::::::	100	NAME OF BRIDE	STRUMBER.	State	nicasisto iralizada	FEET 0 11 5 12 12	SESSER DEPOS	SERVICE OF	D'SHEET	CHARLESTON STREET, STATE	TOUR DESCRIPTION	USASIED INSIDE
					1					1					1	1
Subtotal	В			0		0	0		0	0	0		O .	0	0	0
										1			***************************************			-

Description	Project Principal	Project Manager	Senior Project Engineer	Project Engineer	Drafting/ CADD/Graphics	Survey Manager	Survey Technician	Senior Env. Scientist	Eav Scientist	: Project Admin	TOTAL
Task 3.17										1	
5 Design Concept Report											
NA CONTRACTOR OF THE PARTY OF T	nowe On the second	0.00	<b>0</b> 4446	more of a decision	ARTHUR OF BUILDING	0	D	Design to the real of	10 10 10 10 10 10 10 10 10 10 10 10 10 1	A 1995 W 24 1995	FX 10 13 14
Subtotal	0	0	0	0	0	13	0	0	0	0	0

Denription	Project Principal	Project Manager	Sealor Project Explanar	Project ::	Drafting/ CATION cambins	Sarvey	Survey Technicism	Senior Fav. Scientist	Pay Scientist	Project Admin	TOTAL
Task3.1\$											
4 Environmental Assessment/Milligation											
		VINESCONO CONSTRUCTO									**************************************
3.18.2 - Birkepical Bradestras	THE PERSON NAMED IN	SEDERATE PROFESSION	:00000000000000000000000000000000000000	Septemble and the Real Property of the Real Propert	26.00	fire 0 rente	Barbian	AND DESCRIPTION OF THE PARTY OF	112 (1211) O 112 (121 (121 (121 (121 (121 (121 (12	decilio (della	120 0 0 1972
3.18.3 Cohunt Resente:	CONTROL OF THE CONTROL	利纳特拉比特 <b>自</b> 特烈的创新转换	and the second second second	Chicago and the second	Haller of the second	<b>地线10年间</b>	规则是 D 担先现	STREET OF STREET	SPANIER DO THE BER	MARIO ACTOR	Mich Otta
3:18.4 Primingly had Str Assessment	OFFICE OF PRODUCT	Charleson Charleson	tenza isone o construiron	district Directors	PARTERS CONTROLS TO A	district to desire	<b>经过程数目的数据数</b>	CHICART DISPOSICA	SERVICE OR SERVICE	Margray areas	10000C03000
3:18 5 - Preliminary Jurish citional Definentian and Nationalde Permit 14 Percentification	Maria o describe	THE SECTION OF STREET	et not the to block the best	<b>型的复数电影影响的</b>	LENGTH OF THE PARTY OF THE PART	1944 AT (0) 1944 AT	<b>地国域 0 社会线</b>	Andreas District	MISSING CONTRACT	THE PERSONS	75 (S. O. 1814)
3118.6 - Moise Grady (by Sound Schmons)	214100000000	eresensen o been men	CHARLES CONTROL	COLUMN COLUMN	statutition and the	propin a display	HERETO STATES	content of the later	attended to the second	STATE OF STREET	attraction that
3.18.7-74the Plant Investory By Wheat Design Group)	DESCRIPTION OF STREET	Materials Over the last	HERSELD CONTROLLED	THE RESIDENCE OF THE PARTY OF T	45/64/10/01/01/04/03	HERDE DARRESS	SISSISU SISSIS	THE REPORT OF THE PARTY OF THE	Skilled to the same	TANKE DESIGNATION	CHANGE THE
3 IB.S - Quilly Costs   Raine	TERMINE TO \$120 EVE	ACCUSED THE PARTY	CERTIFICATION CONTRACT	CONTRACTOR OF THE PARTY OF THE	CONTRACTO DEPOSITOR	0.00	Sphero Calenda	0.000	distribution of the same	ZZZ DZ	100 D
3.7KS+Utiley Coordinates and Environmental Domination for Utility Policing :	3880E0 3556	366 Sept 24 West State								1000 0 (1000)	28
Subtotal	q	24	D	8	0		0	32	24	0	88

Learly lon	Project Principal	Project Manager	Senior Project Engineer	Project Poglano	Drafting/ CADD/Graphics	Survey	Survey Technician	Sentor Env. Scientist	Kay Selebilat	Project 2 Alimb	TUTAL
Task J.19											
5 ROW Acquisition Support											
									I		
3.19.1 - Existing Right of Way and Resements (Identify R/W No.64)	<b>建筑建筑建筑建筑</b>	PARTICION DE L'ARTES DE	COLUMN CONTRACTOR	开阴影响 日本经验外		使用短微用器的性	1251 0 1151	district of february	AND CHEMICS	min Description	维接10 报5股
3 19.2 - Right of Way Place !	militarin <b>o</b> litricistals	SERVICE DIRECTOR	STREET OF SECURIOR	evaluation deferrations	ACCURACE OF SOME	EMPLO HESS	2011 DV2524	errorski o stillesm	STATES OF THE PARTY OF THE PART	Catal Distance	经股票 电路电路
3.19.3 - Maps and Logal Decorptions in the contract of the particle of the contract of the con	THE REPORT OF THE PARTY.	ALAKKADO TSIIKLAD	tebbere Borbertizen	图像 经自由证明证据	SANCER OUR DANS	Material and the	0.00		HERRICA CHARLES	THE O'CLES	<b>建筑等6水流</b>
3.19.4 : Bake New Right of Way Limits	reference Orange estat	Property Officers	TOTAL CONTRACTOR	Continue Dissolution	Merchanica Divinioners		1200	SECURITORISMS	0.000	1010101	Particular designation of the partic
3.19.5 - Quality County Review	\$\$\$\$\$\$\$ <b>0</b> \$\$\$\$\$\$\$	THE REPORT OF THE PARTY OF THE	CONTRACTOR SERVICES	albetter o relations	radiativity or participate	SELECTION OF THE PARTY.	0.00	CONTRACTOR DESCRIPTION	their or the state	THE DESIGNATION	75 PM 0 17 NO.
									1		
Subtotal	0	D)	0	0	0	Ð	0	0	0	0	0

Description.	Project Principal	Project Manager	Senior Project Engineer	Project Engineer	Drafting/ CADD/Graphics	Survey Rlanager	Survey Technician	Senior Env. Scientist	Eav. Scientist	Project Adrate	TOTAL
Task 3.20										,	
Preparation of Construction Documents											
1.20.1 - Stage [7] First Design Plass (Conceptual Plass)											
3.20 2 - Bags III initial PS&E Plans (Verilloution Phase)	0	0	-31.45-241-0-011-4-211-2	Section 0 months				0	0 +	110000000000	0-
3.20 3 - Raga IV Final PS&E Plans (Verification Plane)											HE CONTRACT
3 20 A - Plage V - Final PS&E Assembly (PS&E Phase)		Minimus O Recognists		SHEET CONTRACTOR	residente o sessiones de	Training marries	States District	Selected Districtions	THE DESIGNATION	ATT 0:15252	Ministra Service
3 20.5 4 Quality Cantral Review (1990) to the fact to provide the first term of the fact to the fact t	3世代的10世代的	元: 1000 (100) (1000 (1000 (100) (1000 (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (1000 (100) (100) (1000 (100) (100) (1000 (100) (10	位1000年120m的自然性的	SERVED CONTROL	talanatina a rationalista	受缺乏 自然 经	100多次自然的数	光线 经外面 原物性性	是低处地 Drix 创建数	THE TAX OF LEASE IN	Mater o Site
		Section of Continues									
3.10.7 - Tours Water System Modifications	terreterro terreterro	发制性的位置对创创的线性	<b>的数据数据数据数据数据</b>	9111900 minterliet	001102010111112310121111000	Printe Official	selemen species	HEREKEKS ONLEGENSTE	<b>建构建设 0 经股份股份</b>	2011 CO: 155210	Min 201 494
3.30 S. Additional Services for Occupantly Charges and Additional Services for Occupant	orania amenda		Sparing and district	enderementation)	miamich <b>en</b> anders de	Total Carrie	assentation and the	ATTEMPT OF THE PERSONS	THE STEED SECTIONS	ALC: United to	FREE TOB NO.
Subtotal	0	35	44	118	202	0	0	0	0	0	399
	<del> </del>	<del></del>		<del> </del>			<del></del>	l	-		
TOTAL WORKHOURS	electronic appropriate	cholishysichter utderingsgage	charge and a contract of these	<b>建设设设施工业企业</b> 设计设备。	nemental biomen and delegant nem	behalte in flavoring	SERVED A DESCRIPTION	property of the contract of	Automobile Angulation	STATE INCOMEST	CONTRACTOR

						! E 4! -					
Task	PP	PM	Snr PE	PE	Drafter	ssification SM	C Task	Snr Env Sc	Env Sc	Prj Admin	T-4-1
i rsk	PP	Pivi	SHIPE	PE Ministra			S recn	SHE ERV SC	Envoc	Prj Admin	Totals
	A STORESTON AND A STORE AND A	000000000000000000000000000000000000000			930561252	HE HOLE	107-2010/05/2012	The section of the		SHOP SHOWING	
Project Management:  3.1.1 - (PM - 14 Months @ 8 hrs/Mth) Project Management Task	2		4							8	14
3.1.1 • (PM • 14 Months (a) 8 nrs/Mth) Project Management Task	2		<del></del>							8	14
	NESSES AND ADDRESS	NECESARIO SUNGARA	Nonemakos amaka	ratificación interior	anakatan marakan	Library Co.	NAME OF STREET	Dilkining Jakasa	Danish Reported		And delengers to
	9141203316161616	Matalata et al.		GO DO STORIGINA	THE PURPLE	STREET, STREET, STREET,	<b>国际共和国</b>		ensistentasikinin		Application and the last
Quality Control Process:					_						
3.2.1 - Quality Control Plan				<b>!</b>	-						. 0
3.2.2 - Meetings and Communicatio				<del></del>							0
(1 @ 2 hrs/per) Kickoff Meetin (1 @ 4 hrs) Project Field Meetin											0
(1) <u>m</u> 4 hrs) Project Field Meeting (3 <u>m</u> 2 hrs) As-needed Progress Meeting		-	6	6				6			18
(1 @ 4 hrs) Stager submittal/ OTS Meeting			4	4						2	10
Graphics/Handouts/Summarie			12	4						<u></u>	10
Sub Tota		0	22	10	0	0	0	6	0	2	40
3.2.3 - Schedule (Create Project Schedule			- 22	10		u	ı,		U		0
(6 @ 2 hrs) Bi-Monthly Schedule Update											0
(a (a) 2 lits) bi-iviolatily Schedule Opanie Sub Tota		0	0	0	0	0	0	0	0	0	0
540 100	1 0			0	0	· · ·	U	<u>u</u>	U	U	U
Tota	1 0	0	22	10	Ü	0	0	6	0	2	40
1012	1 · · · · ·	_ ·		10	U		<u> </u>	-	U		40
	a toronomica a como	and the state of t	CONTRACTOR STATE	Capacagaigh rianas		denders beringe	ning sense and a	PROFESSIONAL CONTRACTOR OF THE PROFESSION OF THE		Hall Shares or Francisco	TOTAL PROPERTY.
Utility Coordination:			PER	200	Service Control	TAXABLE SELECT	<b>HOURSON</b>	HIM WARRENCE HERE	SAN BURNEY BURNEY	<b>BEARING STREET</b>	
	<del> </del>				-						
3.3.1 - Utility Base File Creatio 3.3.2 - Data Gathering, Prelim Design Notifications, As-Built Request	1			-							0
				<u> </u>							0
3.3.3 - Design Coordination, Utility Impact Identificatio (6 meetings @ 2 hrs) Utility Coordination Meeting			-								0
				<del> </del>	· ·		-				0
3.3.4 - Utility Mitigation Measure 3.3.5 Quality Control Reviev				-							0
5.3.5 Quanty Control Review		0	l 0	1 0	0	0	0	0	0	0	0
104	1 0	U	<u>'</u>	<u>u</u>	- U	U	u			<u> </u>	U
3.4	122000000000000	19732496835966	SASSTINGENERALIS.	40000000000000000000000000000000000000	1922 14:33	aparagas de sucora	I (Company)	and the property of the same	Less Engle-Variables All-Varia	APPLICATION OF THE PARTY.	Distribution process
Public Participation:	2 01-07040-00020	SANDARDER CONTRACTOR	and the second second	**************************************	A SASTA SEASON PER	PROPERTY	South Street Co.	THAT ALL STREET	Language Committee		100 20 100 100 100 100
Public Participation: 3.4.1 - Public Meeting											
Prep Meetings (2 @ 2 hrs				<del> </del>							0
Public Open House Meeting (1 @ 8 hrs				<del> </del>	<del></del>						0
Sub Tota		0	0	0	0	0	0	0	0	0	0
3.4.2 - One-on-One Property Owner Meetings (4 @ 2 hrs		-	-	1				- "	-	<u></u>	0
3.4.3 - Quality Control Review		-	<del> </del>	<b></b>	<del> </del>						0
Quality College Review	`	1		1							
Tota	1 0	0	0	0	0	0	0	0	0	0	0
				<del>                                     </del>	<del></del>					<u> </u>	
		AND PARTY OF	4445666	10110000000	CATALOG SERVICE	TATE OF THE PARTY OF	THE SHAPE IN	THE RESIDENCE OF THE PERSON NAMED IN	THE RESERVE AND ADDRESS.	PATRICTOR STATE	205 CHE E 11 P. L.
Federal, State and Local Coordination:	** ***********************************	S ADALMAK BULLA AND	Construction Construction		TREESPAY FILTERS	- C-AVERDINGSIO	NEW CONTRACTOR OF	150000000000000000000000000000000000000	12271277777	Taranta banan sanan	Transperson and
3.5.1 - Coordinate Between Participating Agencie			<b></b>	1					<del>                                     </del>		
404 Pre-Application Meetings (3 meetings (a) 3 hrs) includes prep tim		<del> </del>									0
ADOT/FHWA Coordination Meetings (2 meetings (2) 3 hrs) includes prep time		<b></b>						-	-		0
Tota		0	0	1 0	0	0	0	0	0	. 0	0
	T -	T -	T	T	T -	<u> </u>	<u> </u>				
3.6	1 20150600	a decem	4500 E	1000000000	1000000	100000000	5249590	NAME OF TAXABLE PARTY.		STATE STATE	12400200
Public Art:			1	**************************************	The Party of the P	- Company willing	- Antonio and Application			THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW	4_44
N/.	\ <u> </u>	t	t		<del>                                     </del>	l		<b>-</b>		<del>                                     </del>	
Tota		0	0	0	0	0	0	0	0	0	0
			T	T	1		<u> </u>				
3.7	a a sa a caraca	A TORRES		distribution of		PER PROPRIE	122211200		200000		AND DESCRIPTION
Data Gathering:	- Sectional Market Sold	- Committee	CANADA PARA PARA PARA PARA PARA PARA PARA P	Contractor Contractor (Contractor)	CHARLES SERVICES	Section of Asia Section 1	WOOD SHOW SHOW	E-ACCOUNTACTORS (CEA		A THE PERSON NAMED IN COLUMN	
3.7.1 - Gather Existing Information	n	1	t	<del> </del>	<b>†</b>		<b></b>	<b> </b>	1		0
3.7.2 - Site Visits During Project Design		<del>                                     </del>	<u> </u>	1	<b>†</b>		<b></b>	1			0
3.7.3 - Quality Control Review		1	1	1	-		<u> </u>	<b>-</b>	1		0
Total		0	0	0	0	0	0	0	0	0	0
1/7	1	<del></del>	<del>1</del>	1	T -		l	<b>†</b>	T -		
						I	.1			1	

	Classification										
			T								
Task	PP	PM	Snr PE	PE	Drafter	SM		Snr Env Sc		Prj Admin	Totals
3.8	教授與根据		<b>建制料整</b>		Side Side	District to	<b>DOMEST</b>			<b>PRINTER</b>	
Environmental Impact Screening:											
N/A											
Total Total	0	0	0	0	0	0	0	0	0	0	0
							./				
		<b>和郑州</b>	無無難		多数	はままま			<b>福州和</b> 斯勒斯	<b>的数数数数数</b>	Mark Control
Location Report:											
N/A											
Tota	0	0	0	0	-0	0	0	0	0	0	0
340			WHITE SE	SAME OF STREET	操制機器						HARRISH TAN
Survey and Mapping:											
3.10.1 - Initial Planning and Reconnaissance											0
3.10.2 - Florizontal Control & Vertical Traverse											0
3.10.3 - Results of Survey Drawing											0
3.10.4 - Survey Repor		<u> </u>	L	ļ							0
3.10.5 - Aerial Mapping		ļ	L	ļ			L				0
3.10.6 - Utility Surveys				ļ			L				0
3.10.7 - Culture Surveys				ļ							0
3.10.8 - Right-of-way Surveys		<u></u>	ļ								0
3.10.9 - Quality Control Review of Survey and Mapping			ļ	<u> </u>			L				- 0
Tota	0	0	. 0	0	0	0	0	0	0	0	0
		ļ			<u> </u>						
	理論的概象	<b>THE STATE</b>	BARRION.	機能認識	<b>新版的</b>	はなななが	<b>新作品</b>	10.7	<b>MANAGOR</b>	和新聞館	調整の
Drainage Report:									L		
3.11.1 - Review Existing Plans and Reports											0
3.11.2 - Peak Discharge Determination											0
3.11.3 - Hydraulic Conditions											0
3.11.4 - Off-Site Ditches and Cross Culvert Calculation:	i										0
3.11.5 - Drainage Reports											0
Drainage Reports Tota		0	0	0	0	0	0	0	0	0	0
3.11.6 - Quality Control Review		2	2			<u> </u>					
Tota	0	2	2	0	0	0	0	0	0	0	- 4
						1					
3.10 (1997)	HANNE OF THE		LONG CO.	Market Market	<b>HARRIE</b>	编辑题	<b>福田県部</b>		Distriction of the last of the		<b>BRIDGE</b>
Geotechnical Investigation:			T								
3.12.1 - Geotechnical Investigation	;										0
. 3.12.2 - Geotechnical Memorandun	ı	1			1						0
Draft Memorandun	1										0
Draft/Final Memorandun	1			1	1						0
Final Memorandun	1										0
Geotechnical Memorandum Tota		0	0	0	0	0	-0	0	0	0	0
3.12.3 - Quality Control Review	7										
Tota		0	0	0	0	0	0	0	0	0	0
		T	Τ.								
3.13	Linner 10	i sesseni	100000	TOTAL SE				AND RESIDEN	Grand and Call	KONTHIS	the season
Pavement Design Report:	T .	T							T		
3.13.1 - Pavement Design Summar	/	T	1							1	0
Draft Summar											0
Final Summar	/										0
Pavement Design Summary Tota		0	0	0	0	0	0	0	0	0	0
3.13.2 - Quality Control Review	v	1								,	0
Tota	1 0	0	0	0	0 .	Ð	0	0	Ð	0	0
	1	T		T							
	i i i i i i i i i i i i i i i i i i i	alamenta.		<b>300</b>	THE REAL PROPERTY.	RELIEF	SALESTEE S	TO HAS THE BOOK	HINE WAR	<b>MENTAL</b>	<b>的数据数据</b>
Bridge Structure Selection Report:	T	T	T	T	T	1			I .		
N/a	X	1		1							
Total	1 0	0	0	0	0	0	0	0	0	0	0
							+		1		

						ssification					
Task	PP	PM	Snr PE	PE	Drafter	SM		Sar Env Sc	Env Sc	Prj Admin	Totals
		<b>建数制编程</b>	200200000	學學學學	ALC: NO.			The second		中国特殊的	
raffic Engineering Study:											
3.15.1 - Traffic Engineering Technical Memorandum											
Existing Conditions											0
Future Conditions										<del> </del>	0
Proposed Improvements					<u> </u>					<del></del>	0
Draft Initial Memorandum Final Memorandum			ļ				ļ				0
Traffic Engineering Technical Memo Tota		0	0	- 0	8	0	0	0	0	0	0
3.15.2 - Quality Control Review		0	U	U U	0	1)	· ·	<u> </u>	U	0	0
3.13.2 - Quanty Condot Review		0		0	0	0	0	0	0	0	0
1044		- 0	<del>- "</del>	- 0	V	U	U	<u> </u>		- · ·	<del></del>
3.16	S2500000	CHRISTIAN POR	STANDS	TATE STREET	12445555	CONTRACTOR OF THE	1256 00 00 00 00 00 00 00 00 00 00 00 00 00	CHICAGO NA PROPERTO NA PROPERT	150 km (150 km)	30000000000000000000000000000000000000	THE RESIDENCE OF THE PARTY OF T
karterial Street Lighting Design Report:	racettaneostie		material Edit	MATERIAL PROPERTY.	matelia de la compansión d	SEPTEMBER OF	audi:1910/9191	THE PERSONS IN	taning and the same		100000000000000000000000000000000000000
trieriai Street Lighting Design Report:			<del> </del>					$\vdash$		<del>                                     </del>	
Tota		0	0	0	0	0	0	0	0	0	0
	1 0	<del>                                     </del>	- u	<del></del>	<del>- '</del> -			-	-	f	-
	r (chinatelesiana)	Depende	Science of	100000000000	ENGLISHMENTS	tomas su	and the second	eletration the	<b>5000-00-00</b>		imudentid
Design Concept Report:	A SECURITION OF STREET		SERVICE PROPERTY.	#430/GEN4TABRIET	AND DESCRIPTION OF THE PERSON	-490456RANAC4020	CHARGE LOS GRADES OF	a terrescontrates quan	CONTRACTOR SOCIETA	- AMERICAN LICENSES	Teconies contravants
N/A	<del></del>				<del></del>			ļ		t	<b>-</b>
Tota		0	0	0	0	0	0	0	0	0	0
	+ -	-			<u> </u>		-	<del>                                     </del>		<del> </del>	<u> </u>
		100000000	200000000	10000000	52010205742	CORP. Sec.	12 MINISTER	ALC: TO SEE SEE	515001500050005	THE RESIDENCE OF THE PARTY OF T	\$500 H 10 10 10 10 10 10 10 10 10 10 10 10 10
nvironmental Assessment/Mitigation:	TO CHARLEST PROPERTY.	A ALTHANICANIBUSTONIC	74/04/4 2000/01/04/4	AND SECRETARISM SHOPLE	- AND STATE OF STREET STREET,	THE CONTRACTOR	* NOT THE BUTCHES	TOTAL STATE OF THE PERSON NAMED IN COLUMN TO STATE OF THE	And a second result and a second second	STATE STATE OF STATE	- SONDARA SENSENTENDE
3.18.1 - Categorical Exclusion	n .	<del> </del>									0
3.18.2 - Biological Evaluation		ļ · · · · · · · · · · · · · · · · · · ·	<b> </b>				<del> </del>	-	<u> </u>	<del>                                     </del>	0
3. [8.3 - Cultural Resource											0
3.18.4 - Preliminary Initial Site Assessmen		i						<u> </u>			0
3.18.5 - Preliminary Jurisdictional Delineation and Nationwide Permit 14 Preconstruction Notice											0
3.18.6 - Noise Study (by Sound Solutions		i									0
3.18.7 - Native Plant Inventory (by Wheat Design Group			1								0
3.18.8 - Quality Control Review	v										0
3.18.9 - Utility Coordination and Environmental Documentation for Utility Potholing	2	24		8	· · · · · ·			32	24		88
EAM Tota	1 0	24	0	8	0	0	0	32	24	0	88
								T			
3.19		対象を		NAME OF THE OWNER, OWNER, OWNER, OWNER,	相談學經	<b>建筑路边</b>		de la	<b>阿里斯斯</b>	THE REAL	<b>研修的</b>
ROW Acquisition Support:											
3.19.1 - Existing Right-of-Way and Easements (Identify R/W Needs											0
3.19.2 - Right-of-Way Plan											
Stage 1 R/W Plan											0
Preliminary Proposed R/W Plan											0
Draft Final R/W Plun			1	<u> </u>			ļ				0
Final R/W Plan		<u> </u>	<b>I</b>	<b></b>			<b>1</b>				0
R/W Plans Tota		0	0	0	0	0	0	0	0	0	0
3.19.3 - Maps and Legal Description		ļ	<b>↓</b>	<u> </u>			ļ				0
											0
3.19.4 - Stake New Right-of-Way Limit										-	
	v	0	-	0	0	0	0	-	0	0	0

		· ·			Cla	ssification					
Task	PP	PM	Snr PE	PE	Drafter	SM		Snr Env Sc	Env Sc	Prj Admin	Totals
320	304 (43) fr	Astronomic State	HANGE COME	territoria.	HEAT STATE	WE P		101639506			
Preparation of Construction Documents:											
3.20.1 - Stage I/II Final Design Phase (Conceptual Phase)											
Cover											0
General Notes											0
Design Data & Pavement Sections											0
Typical Sections											0
Horizontal Control Sheets											0
P&P Sheets											0
Marking											0
Stage I Cross Sections - 50' Intervals (Modeling For Earthwork Balance & Profile Purposes Only)											0
<ul> <li>Compilation and translation of PAG Supplied Data Layers, LIDAR, and AERIALS</li> </ul>											0
ADA Feasibility Report											0
Stage I/II Cost Estimate											0
Stage I/II Total	0	0	0	0	0	0	0	0	0	0	0
3.20.2 - Stage III Initial PS&E Plans (Verification Phase)											
Cover											0
General Notes									l		0
Design Data & Pavement Sections											0
Typical Sections											0
Summary Sheets											0
Roadway Details											0
Horizontal Control Sheets											0
Demolition Plans											0
Staking Plans											. 0
Drainage Details											0
P&P Sheets											0
Sound Wall Sheets					L						0
Cross Culvert Details								l			0
Cross Culvert P&P			<u> </u>								0
Channel P&P			<u> </u>								0
Signing and Marking			<u> </u>								0
Signing Summary			<u> </u>								- 0
Traffic Signal Plans											0
Landscaping Plans		L		L							0
Erosion Control Plans		ļ	ļ								0
Stage III Cross Sections - 50' Intervals							L				0
Stage III Cost Estimate		ļ	ļ								0
Stage III Special Provisions											0
Stage III Total	0_	0	0	0	0	0	0	0	0	0	0
	L		J	L					L .	I	

					Cla	ssification	1				
Task	PP	PM	Snr PE	PE	Drafter	SM		Snr Env Sc	Env Sc	Pri Admin	Totals
3.20.3 - Stage IV Final PS&E Plans (Verification Phase)											
Cover											0
General Notes											0
Design Data & Pavement Sections											0
Typical Section:											0
Summary Sheets											0
Roadway Details		ļ									0
Horizontal Control Sheets											0
Demolition Plans							1				0
Staking Plans										ļ	0
Drainage Detail					<u> </u>						0
P&P Sheet Cross Culvert Details			-		<u> </u>		-				0
Cross Culvert Details Cross Culvert P&F		ļ	<u> </u>							+	0
Channel P&F							-				0
Signing and Marking					0						
Signing Summary					_					1	0
Traffic Signal Plans			_		-		<del>                                     </del>				0
Sound Wall Sheet		<del> </del>					<del> </del>	-		<del>                                     </del>	0
Landscaping Plans							-			<u> </u>	0
Erosion Control Plans											0
Stage IV Cross Sections - 50' Intervals								<b> </b>		1	0
Stage IV Cost Estimate											0
Stage IV Special Provisions											0
Stage IV Tota		0	0	0	0	0	0	0	0	0	- 0
<u> </u>										T	
3.20.4 - Stage V - Final PS&E Assembly (PS&E Phase						-					
Cove	-							T			0
General Note:											0
Design Data & Pavement Section											0
Typical Section:		<u> </u>								1	0
Summary Sheet		1								1	0
Roadway Detail										1	. 0
Horizontal Control Sheet											0
Demolition Plan								ļ			0
Staking Plan											0
Drainage Detail			ļ				ļ	ļ			0
P&P Sheet			ļ					1			0
Cross Culvert Detail	<u> </u>						1	1		ļ	0
Cross Culvert P&I											0
Channel P&I			1			ļ	1			<del></del>	0
Signing and Markin					-			1		1	0
Signing Summar Trattic Signal Plan					+			<del> </del>	-		0
Sound Wall Sheet		<del> </del>	<b>+</b>		+		-	<del> </del>	<b></b>	-	0
Landscaping Plan		1	1				1	1		<b>-</b>	0
Erosion Control Plan		+	+				<del>                                     </del>	1		<del> </del>	0
Stage V Cross Sections - 50' Interval		+	<del> </del>	<del> </del>	+		<b> </b>	<del> </del>	<b></b> -	<del> </del>	0
Stage V Cost Estimate		<del>                                     </del>	<del> </del>	ļ	+	<b></b>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	0
Stage V Final Special Provision		+	1		+	-	+	1		1	0
Stage V Than Special Provision		0	0	0	0	0		0	0	0	0
Stage 1 Total	<del>                                     </del>	1	<del>                                     </del>	· · · ·	1 -			†	<u> </u>	<del>                                     </del>	<u> </u>
3.20.5 - Quality Control Review	0	0	0	0	0	0	0	0	0	0	0
Carrier Connect State	T -	T	T -	<u> </u>	<del> </del>		<del>                                     </del>	1	<del></del>	1	T -
3,20.6 - Pre-Bid Service	i 0	0	0	0	0	0	0	0	0	0	0
· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>	1 <u> </u>		T .		T	·		T .	T -

					Cla	ssification	1				
Task	PP	PM	Snr PE	PE	Drafter	SM	S Tech	Snr Env Sc	Env Sc	Pri Admin	Totals
3.20.7 - Tueson Water System Modifications											
Cover		1	6		10				•		17
Notes, Legend, Abbreviations & Materials Quantities Summary Sheet		1	2		8						11
Plan Sheets		2	12	32	80						126
Plan and Profile Sheets		1	6	16	24						47
Detail Sheets		2	6	12	20						40
Quantities and Cost Estimate		2		12							
Special Provisions		2	12	6							
Quality Control Review		16									16
Tucson Water System Modifications Total	D	27	-1-1	78	142	0	0	- 0	0	0	291
					I						
3.20.8. Additional Services for Geometry Changes											
Changes to the Plans, Quantities and Cost Estimate		- 8		40	60						108
Additional Services for Geometry Changes Total	0	8	0	40	60	0	0	0	0	0	108
											l
Preparation of Construction Documents Total	0	35	11	118	202	0	0	0	0	0	399
										ļ	<u> </u>
PROJECT Workhours Total	2	61	72	136	202	0	0	38	24	10	545



\$13,128

#### FEE ESTIMATE SUMMARY

PROJECT: Bopp Road: Sarasota Blvd at Kinney Rd DATE: 09/20/17 4KINBO PREPARED BY: Edie Griffith-Mettey, SCE Engineering CONTRACT NO .: **EFFECTIVE DATE:** CONSULTANT (PRIME) **AECOM** CONTRACT TIME: CONTRACT TYPE: Time & Materials METHOD OF COMPENSATION: Monthly DIRECT LABOR COST ITEM TASK DESCRIPTION No. No. HOURS HOURLY RATE TOTAL COST Estimated Estimated Estimated CLASSIFICATION Rates Hours <u>Cost</u> \$75.00 \$0.00 1 Final Plans, Specs and Estimate Principal Engineer n Including Drainage Report Project Manager 4 \$60.00 \$240.00 Project Engineer 65 \$46.00 \$2,990.00 Engineer/Designer \$1,600.00 40 \$40.00 Project Admin 0 \$30.00 \$0.00 (A) Direct Labor 109 Hrs. \$4,830 **OVERHEAD** (B) OH Rate x (A) 151.67% \$4,830 \$7,326 **PROFIT** (C) % Profit Rate x (A+B) 8.0% \$12,156 \$972 **ESTIMATED OTHER DIRECT EXPENSES TRAVEL** \$0.00 **PLOTTING** \$0.00 REPRODUCTIONS \$0.00 **EXHIBITS** \$0.00 SPECIALIZED VENDORS (PAG) \$0.00 INDEPENDENT PEER REVIEW \$0.00 REPORTS \$0.00 VAN/BUS RENTAL \$0.00 (D) Estimated Other Direct Expenses <u>\$0</u> (E) ESTIMATED OUTSIDE SERVICES & SUBCONSULTANT COSTS (F) TOTAL COST FOR ALL SUBCONSULTANT AND OUTSIDE SERVICES <u>\$0</u> **ESTIMATED FEES** 

9-20-2017
Signature Date

(G) TOTAL CONSULTANT FEE



## Summary Workhour Estimate by Task

MAIN TASK#	Main TASK Description	Principal Engineer	Firoject Manager	Project Engineer	Engineer/ Designer	Project Admin	TOTAL
		:					-
3.11	Drainage Facility Design	0	4	65	40	0	109
	·						
							·
		0	4	65	40	0	109
			Provinces control de la company			**************************************	



Main Task #	Description	Principal Engineer	Project :: Manager	Project Engineer	Engineer/ Designer	Project Admin	TOTAL
	Task 3.11	HISINGS.	I SHOULD BE A SHOWN	· International Control of the Contr		PARTICLE STATE OF THE PARTY OF	
3.11	Drainage Facility Design						
3.11.8			4				109
ļ							
	Subtotal	0	4	65	40	0	109

## PIMA COUNTY FEE ESTIMATE SUMMARY

PROJECT:

Contract Modification No. 1

DATE: Bopp Road: Sarasota Blvd to Kinney Road Improvements

09/26/17

PREPARED BY:

Laura Mielcarek, Principal

CONTRACT NO.:

EFFECTIVE DATE:

CONSULTANT:

Wheat Design Group, Inc.

CONTRACT TIME:

CONTRACT TYPE:

CPFF

METHOD OF COMPENSATION:

DIRECT LABOR COST							
	CLASSIFICATION Principal Project Manager/RLA Designer	No. HOURS Estimated Hours 2 8 6		HOURLY RATE Estimated Rates \$48.00 \$36.00 \$27.00		DTAL COST Estimated Cost \$96.00 \$288.00 \$162.00	
(A) Direct Labor		16 H	łrs.				<u>\$546</u>
OVERHEAD							
(B) OH Rate x (A)	or	188.10%	x	\$546	=		<u>\$1,027</u>
PROFIT							
(C) % Profit Rate x (A+B)	or	10.0%	х	\$1,573	=		<u>\$157</u>
ESTIMATED OTHER DIRECT EXPENSES							
TRAVEL PLOTTING REPRODUCTIONS EXHIBITS SPECALIZED VENDORS REPORTS VAN/BUS RENTAL						\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
(D) Estimated Other Direct Expenses					=		<u>\$0</u>
(E) ESTIMATED OUTSIDE SERVICES & S	UBCONSULTANT COSTS						\$0
(F) TOTAL COST FOR ALL SUBCONSULT	ANT AND OUTSIDE SERVICES				=		<u>\$0</u>
ESTIMATED FEES	•						
(G) TOTAL CONSULTANT FEE					=		<u>\$1,730</u>

MAIN Task#	Main TASK Description	Sub TASK Description	Principal	Project Manager/RLA	Designer	TOTAL
3.1	PROJECT MANAGEMENT	Design Coordination	2	4	0	6
3.20.3	STAGE III - INITIAL PS&E PLANS	Native Plant Inventory	0	4	6	10
		TOTAL HOURS	2	. 8	6	-16
			7270 1000 1000 1000 1000 1000 1000 1000	The state of the s		