

**NORTH COUNTY CORRIDOR
EXPRESSWAY TRANSPORTATION AUTHORITY**

ITEM: 6B

**SUBJECT: Jacobs Engineering Contract; Task Order #2 and Task Order #3
Acceptance**

Jacobs Engineering has completed Task 1 with amendment 1.

The following Task Order 1 deliverables have been completed:

- Aerial topographic surveys and a portion of the base mapping
- Defining the Route Adoption limits (see attached letter)
- Assist in developing the cooperative agreement with Caltrans
- Drafted the Project Charter and Risk Plan with Caltrans (These will need minor revisions based on new Route Adoption strategy)
- Defining the Environmental Strategy with Caltrans
- Issued "Notice of Preparation" for the environmental document
- Drafted "Purpose and Need" for project (Will need revision based on new Route Adoption strategy)
- Determining the appropriate traffic model and completed data collection
- Coordinating with local planning documents
- Developing Public Outreach Communications Plan, project brochure, and conducted two public scoping meetings
- Initiating environmental technical studies
- Refined the Scope, Cost and Schedule for subsequent Task Orders

Task Order 2 and Task Order 3 are proposed to run concurrently. Task Order 2 will address CEQA and Route Adoption documentation for the approved Route Adoption strategy from McHenry to SR 120. Task Order 3 will address CEQA EIR/ NEPA Tier 1 EIS for the entire corridor from SR 99 to SR 120 and a project specific scoping document for a buildable Phase 1 project (from Oakdale westerly as funding allows). The cost, scope and schedules for these two tasks are attached. The combination of these two tasks will complete the current Jacobs Engineering contract. Subsequent tasks and contract will be to provide PS&E (Plans, Specifications and Estimates) documents for Phase 1.

STAFF RECOMMENDATIONS:

Approve Task Order #2 and Task Order #3 to the Jacobs Engineering contract.

FISCAL IMPACT:

There is no fiscal impact beyond the contract amount approved for Jacobs Engineering.

North County Corridor
Task 2/ Task 3
Cost, Scope and Schedule
Jacobs Engineering Contract

Jacobs Engineering proposed to complete a route adoption document to secure the interregional funding committed by the Caltrans Director, Will Kempton. In addition, the proposed scope consisted of a Program Level (Tier 1) Project Approval and Environmental Document for the entire North County Corridor (NCC) project (from State Route 99 to State Route 120) and a project level EIR/EIS for a buildable phase of the project. Jacobs' original proposal was for \$6.4M. The NCCTEA authorized a contract in the amount of \$5.8M. An initial task order (T.O #1) for an amount of \$580,194 was recommended by the staff to enable Jacobs to better formulate strategies and lay the ground work that would lead to the Route Adoption strategy and identify an overall approach to deliver the program level environmental document. The Task Orders presented below are within the originally approved contract amount of \$5.8M.

The Consultant team had several meetings with Caltrans management, JPA staff, JPA Technical Advisory Committee, NCC Project Manager and the NCCTEA Manager and has finalized a strategy that is acceptable to Caltrans and the JPA Staff. The staff believes that the strategy agreed with Caltrans will expedite the project and position the JPA for the 2010 STIP funding. The Consultant team also had several meetings with the Caltrans Environmental staff and has finalized the optimum delivery strategy to finish the CEQA program level environmental document on time to accompany the California Transportation Commission (CTC) Route Adoption approval. Based on these discussions Task Order #2 and Task Order #3 were developed and consists of the following.

Task Order #2 Deliverables & Completion Schedule

1. Route Adoption CEQA Document – September 2009
2. Route Adoption Report – September 2009
3. PSR-PDS for entire corridor to enable programming – October 2009
4. Legislative support – July 2009

Task Order #3 Deliverables & Completion Schedule

1. Tier 1 EIR/EIS and a Project Report for the adopted State Route (McHenry Ave to SR 120) – July 2012
2. Tier 1 EIR/EIS and a Project Report for the local road portion from SR 99 to McHenry Avenue – July 2012
3. Project Specific EIR/EIS and a Project Report for a phase 1 buildable segment – July 2012

North County Corridor Joint Powers Authority



Task	Description		Project Manager	Dep PIM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr. Environmental-Planning	Project Coordinator-Admin	Total by Task
			\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
1	Project Management - ROUTE ADOPTION and TIER I EIR/EIS HYBRID		212	190	222				178		119				4	\$178,830.00
1.1	Initiation and Planning														4	
	Project Management Plan															
	Kick-Off Meeting														4	
	<i>Reallocated from Surveys Task #3.24 in Task Order #1</i>															
	<i>Amendment #1</i>															
1.2	Execution and Control		43	73	95				56							\$47,465.00
	Scope, Schedule, Budget Oversight (10 months)		25	25												\$11,500.00
	Schedule Updates (5)		4	18	20											\$8,890.00
	Monthly Invoices			10	25											\$6,875.00
	Monthly Progress Reports		4	10	25											\$7,815.00
	Project Administration		10	10	25				56							\$12,585.00
1.3	Coordination and Meetings		167	107	107				112		107					\$120,865.00
	Monthly Progress (PDT) 10 and PDST Meetings (9), CT Management Mtgs (9)		100	56	56				56		56					\$66,060.00
	Project Coordination Meetings & TAC (8)		32	16	16				32		16					\$20,640.00
	Weekly Friday Team telecon (40*1/2hr) + Monthly PDT Telecon (10*1.5hr)		35	35	35				24		35					\$34,165.00
1.4	Quality Control Program		2	10	20				10		12					\$10,500.00
	QA/QC Plan															
	QA/QC Reviews		2	10	20				10		12					\$10,500.00
2	Consensus Building and Outreach		30	30					18		30					\$23,580.00
2.1	Public Meetings - In TO #3															
	Notification (2 workshops, 2 public hearing)	Subconsultant														
	Meeting Materials (Boards/Presentations/FAQs)	Subconsultant														
	Stakeholder Meetings (Up to 10)	Subconsultant														
	Facilitation/Attendance (2 workshops)	Subconsultant														
	Summary / Documentation	Subconsultant														
	General Logistics	Subconsultant														
2.2	Agency Coordination		30	30					18		30					\$23,580.00
	Agency Coordination Plan															
	Agency Representatives List															
	Briefing Meetings with Councils, Boards, Supervisors and Management (8)		30	30					18		30					\$23,580.00
	PIP Team Briefings (None)															
2.3	Database Development and Comment Tracking	Subconsultant														
	Comment Tracking protocol	Subconsultant														
	Database for up to 3,500 Contacts	Subconsultant														
	Comment Tracking Reports (4)	Subconsultant														
2.4	Combined Newsletter/Fact Sheets	Subconsultant														
	Fact Sheets (1)	Subconsultant														
	Develop Preliminary Outline and Layout	Subconsultant														
	Produce Combined Newsletter (1)	Subconsultant														
2.5	Website Coordination	Subconsultant														
	Project-Specific Web Page Layout	Subconsultant														
	Web Page Updates Including Text and Documents	Subconsultant														
2.6	Media Coordination	Subconsultant														
	Maintain Media Contacts List	Subconsultant														
	Prepare Media Kits and Press Releases	Subconsultant														
	Project-Related Article Tracking	Subconsultant														

North County Corridor Joint Powers Authority



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			\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
Engineering Studies																
3A.2	Collect Traffic Data	Subconsultant														
3A.3	Traffic Forecasting	Subconsultant														
3A.4	Geometric Plans For Project (1) Alternative															
3A.5	Construction Phasing Plans (Preferred Alternate Phased = Alternative 4)															
3A.6	Value Analysis	Subconsultant														
3A.7	Conceptual Hydraulics/Hydrology Studies															
3A.8	Drainage Concept Plans															
3A.9	Storm Water Data Report															
3A.10	Traffic Operational Analysis	Subconsultant														
3A.11	Right Of Way Data Sheet	Subconsultant														
3A.12	Determine Right-of-Way Requirements															
3A.13	Utility Location Requirements															
3A.14	Prelim. Railroad Study															
3A.15	Park And Ride Study	N/A														
3A.16	Traffic Studies	Subconsultant														
3A.17	Geotechnical Information	Subconsultant														
3A.18	Structures Advance Planning Study	Subconsultant														
3A.19	Preliminary Transportation Management Plan															
Draft Project Report																
3A.20	Cost Estimates For Alternative															
3A.21	Prelimi. Fact Sheet For Exceptions To Design Standards Mainline															
3A.22	Draft Project Report															
3A.23	Draft Project Report Circulation, Review, And Approval															
3A.24 Engineering And Land Net Surveys																
	Existing Records	Subconsultant														
	Survey Control	Subconsultant														
	Aerial Topographic Mapping	Subconsultant														
	Field Design Surveys	Subconsultant														
	Base Mapping	Subconsultant														
Environmental Study Request					12		20	12								\$5,040.00
3A.25	Surveys And Mapping For Environmental Studies	N/A														
3A.26	Property Access Rights For Environmental/Engineering Studies				12		20	12								\$5,040.00
3A.27	NEPA Delegation									4	8				8	\$2,820.00

North County Corridor Joint Powers Authority



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			\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
4, 5, 6	Perform Environmental Studies And Prepare Draft Environmental Document - ROUTE ADOPTION															
4	Environmental Scoping Of Alternatives Identified For Studies In PID									289	249	164	186	390	118	\$136,995.00
4.1	Project Information Review									40	16	4	4	8	2	\$11,480.00
4.2	Public And Agency Scoping Process									30	10					\$6,650.00
4.3	Alternatives For Further Study									10	6	4	4	8	2	\$4,830.00
5	General Environmental Studies									195	87	88	126	212	56	\$97,885.00
5.1	Community Impact Analysis, Land Use, And Growth Studies									40	30	20	40	40	10	\$25,300.00
5.2	Visual Impact Assessment And Scenic Resource Evaluation									65	20	6	20	30	10	\$19,985.00
5.3	Noise Study	Subconsultant														
5.4	Air Quality Study	Subconsultant														
5.5	Water Quality Studies									20	4	30	10	40	6	\$13,260.00
5.6	Energy Studies	Subconsultant														
5.7	Summary Of Geotechnical Report	Subconsultant														
5.8	Hazardous Waste Preliminary Site Investigations	Subconsultant														
5.9	Draft Right Of Way Relocation Impact Document									10	4		20	40	10	\$8,410.00
5.10	Location Hydraulic And Floodplain Study Report									20	2	20	20	30	10	\$11,380.00
5.11	Paleontology Study	Subconsultant														
5.12	Wild And Scenic Rivers Coordination	N/A														
	Environmental Commitments Record														6	\$870.00
	Other Environmental Studies									40	24	12	16	32	4	\$18,680.00
	Amendment #1															(\$55,000.00)
5.13	Biological Studies															
	Biological Assessment	Subconsultant														
	Wetlands Study	Subconsultant														
	Resource Agency Permit Related Coordination	Subconsultant														
	Natural Environment Study Report	Subconsultant														
5.14	Cultural Resource Studies															
	Archaeological Survey	Subconsultant														
	Area Of Potential Effects/Study Area Maps	Subconsultant														
	Native American Consultation	Subconsultant														
	Records And Literature Search	Subconsultant														
	Field Survey	Subconsultant														
	Archaeological Survey Report	Subconsultant														
	Other Archaeological Survey Products	Subconsultant														
	Extended Phase I Archaeological Studies	Subconsultant														
	Native American Consultation															
	Extended Phase I Proposal															
	Extended Phase I Field Investigation															
	Extended Phase I Materials Analysis															
	Extended Phase I Report															
	Phase II Archaeological Studies	Subconsultant														
	Native American Consultation															
	Phase II Proposal															
	Phase II Field Investigation															
	Phase II Materials Analysis															
	Phase II Report															
	Historical And Architectural Resource Studies	Subconsultant														
	Preliminary Area Of Potential Effects/Study Area Maps For Architecture	Subconsultant														
	Historic Resources Evaluation Report - Archaeology	Subconsultant														
	Historic Resource Evaluation Report- Architecture (HRER)	Subconsultant														
	Bridge Evaluation	Subconsultant														
	Cultural Resource Compliance Consultation Documents	Subconsultant														
	Final Area Of Potential Effects/Study Area Maps	Subconsultant														
	PRC 5024.5 Consultation	Subconsultant														
	Historic Property Survey Report/Historic Resources Compliance Report	Subconsultant														
	Finding Of Effect															
	Archaeological Data Recovery Plan/Treatment Plan															
	Memorandum Of Agreement															

North County Corridor Joint Powers Authority



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			\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
6	Draft Environmental Document									54	130	72	56	170	60	\$77,990.00
6.1	Draft Environmental Document Analysis									50	120	64	50	180	50	\$71,690.00
6.2	Section 4(F) Evaluation (TIER I ONLY)	N/A														
6.3	Categorical Exemption/Categorical Exclusion Determination	N/A														
6.4	Environmental Quality Control And Other Reviews									4	10	8	6	10	10	\$6,300.00
6.5	Approval To Circulate Resolution	N/A														
6.6	Environmental Coordination	N/A														
6.7	NEPA Delegation (TIER I ONLY)	N/A														
6.8	Required Permits During PA&ED Development (TIER I ONLY)															
	Permits During PA&ED Development										16					\$4,640.00
	U.S. Army Corps Of Engineers Permit (404)										2					\$580.00
	U.S. Forest Service Permit(s)	N/A														
	U.S. Coast Guard Permit	N/A														
	Department Of Fish & Game 1600 Agreement(s)										2					\$580.00
	Coastal Zone Development Permit	N/A														
	Local Agency Concurrence/Permit										2					\$580.00
	Waste Discharge (NPDES) Permit										2					\$580.00
	U.S. Fish And Wildlife Service Approval										2					\$580.00
	Regional Water Quality Control Board 401 Permit										2					\$580.00
6.9	Updated Environmental Commitments Record										4					\$1,160.00
6.10	NEPA Delegation (TIER I ONLY)	N/A														
6.11	Other Permits	N/A														
4A, 5A, 6A	Perform Environmental Studies And Prepare Draft Environmental Document - TIER I EIR/EIS															
4A	Environmental Scoping Of Alternatives Identified For Studies In PID															
4A.1	Project Information Review															
4A.2	Public And Agency Scoping Process															
4A.3	Alternatives For Further Study															
5A	General Environmental Studies															
5A.1	Community Impact Analysis, Land Use, And Growth Studies															
5A.2	Visual Impact Assessment And Scenic Resource Evaluation															
5A.3	Noise Study	Subconsultant														
5A.4	Air Quality Study	Subconsultant														
5A.5	Water Quality Studies															
5A.6	Energy Studies															
5A.7	Summary Of Geotechnical Report	Subconsultant														
5A.8	Hazardous Waste Preliminary Site Investigations	Subconsultant														
5A.9	Draft Right Of Way Relocation Impact Document															
5A.10	Location Hydraulic And Floodplain Study Report															
5A.11	Paleontology Study	Subconsultant														
5A.12	Wild And Scenic Rivers Coordination	N/A														
	Environmental Commitments Record															
	Other Environmental Studies															

North County Corridor Joint Powers Authority



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			\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
5A.13	Biological Studies															
	Biological Assessment	Subconsultant														
	Wetlands Study	Subconsultant														
	Resource Agency Permit Related Coordination	Subconsultant														
	Natural Environment Study Report	Subconsultant														
5A.14	Cultural Resource Studies															
	Archaeological Survey	Subconsultant														
	Area Of Potential Effects/Study Area Maps															
	Native American Consultation															
	Records And Literature Search															
	Field Survey															
	Archaeological Survey Report															
	Other Archaeological Survey Products															
	Extended Phase I Archaeological Studies	Subconsultant														
	Native American Consultation															
	Extended Phase I Proposal															
	Extended Phase I Field Investigation															
	Extended Phase I Materials Analysis															
	Extended Phase I Report															
	Phase II Archaeological Studies	Subconsultant														
	Native American Consultation															
	Phase II Proposal															
	Phase II Field Investigation															
	Phase II Materials Analysis															
	Phase II Report															
	Historical And Architectural Resource Studies	Subconsultant														
	Preliminary Area Of Potential Effects/Study Area Maps For Architecture															
	Historic Resources Evaluation Report - Archaeology															
	Historic Resource Evaluation Report- Architecture (HRER)															
	Bridge Evaluation															
	Cultural Resource Compliance Consultation Documents	Subconsultant														
	Final Area Of Potential Effects/Study Area Maps															
	PRC 5024.5 Consultation															
	Historic Property Survey Report/Historic Resources Compliance Report															
	Finding Of Effect															
	Archaeological Data Recovery Plan/Treatment Plan															
	Memorandum Of Agreement															
6A	Draft Environmental Document															
6A.1	Draft Environmental Document Analysis															
6A.2	Section 4(F) Evaluation															
6A.3	Categorical Exemption/Categorical Exclusion Determination	N/A														
6A.4	Environmental Quality Control And Other Reviews															
6A.5	Approval To Circulate Resolution	N/A														
6A.6	Environmental Coordination	N/A														
6A.7	NEPA Delegation															
6A.8	Required Permits During PA&ED Development															

North County Corridor Joint Powers Authority



Task	Description																Total by Task
			Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr Environmental-Planning	Project Coordinator-Admin		
			\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00			
8	Prepare And Approve Project Report And Final Environmental Document - ROUTE ADOPTION																
	Final Project Report		8	6	38		56	8	6	2	68	44	54	194	50	\$69,690.00	
	8.1 Updated Draft Project Report		4	4	20		32	8	2							\$18,740.00	
	8.2 Approved Project Report		4	2	16		8									\$10,660.00	
	8.3 Updated Storm Water Data Report															\$5,390.00	
	8.4 Geometric Approval Drawings (GAD) for Selected Alternative	N/A			2		16		4							\$2,690.00	
	Final Environmental Document										62	40	50	178	38	\$46,400.00	
8.5	Approved Final Environmental Document																
	Draft Final Environmental Document Review										32	24	24	88	16	\$23,920.00	
	Revised Draft Final Environmental Document										16	10	10	40	6	\$11,040.00	
	Section 4(f) Evaluation (TIER I ONLY)	N/A															
	Findings																
	Statement Of Overriding Considerations										2	2	2	6	2	\$1,680.00	
	CEQA Certification										2			4	2	\$940.00	
	FHWA Approval	N/A															
	Section 106 Consultation And Moa	N/A															
	Section 7 Consultation	N/A															
	Final Section 4(f) Statement	N/A															
	Floodplain Only Practicable Alternative Finding	N/A															
	Wetlands Only Practicable Alternative Finding	N/A															
	Section 404 Compliance	N/A															
	Mitigation Measures	N/A															
8.6	Public Distribution Of FED And Respond To Comments										8	4	4	20	8	\$5,240.00	
8.7	Final Right Of Way Relocation Impact Document										2		10	20	4	\$3,580.00	
8.8	Completed Environmental Document									2	6	4	4	16	12	\$4,550.00	
	Record Of Decision (NEPA)	N/A															
	Notice Of Determination (CEQA)										2	2	2	6	2	\$1,680.00	
	Environmental Commitments Record									2	4	2	2	10	10	\$2,870.00	
8.9	NEPA Delegation																
8A	Prepare And Approve Project Report And Final Environmental Document - TIER I EIR/EIS HYBRID																

North County Corridor Joint Powers Authority



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	Final Project Report		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$180.00	\$120.00	\$90.00			
8A.1	Updated Draft Project Report																
8A.2	Approved Project Report																
8A.3	Updated Storm Water Data Report																
8A.4	Geometric Approval Drawings (GAD) for Selected Alternative																
	Final Environmental Document																
8A.5	Approved Final Environmental Document																
	Draft Final Environmental Document Review																
	Revised Draft Final Environmental Document																
	Section 4(f) Evaluation																
	Findings																
	Statement Of Overriding Considerations																
	CEQA Certification																
	FHWA Approval																
	Section 106 Consultation And Moa																
	Section 7 Consultation																
	Final Section 4(f) Statement																
	Floodplain Only Practicable Alternative Finding																
	Wetlands Only Practicable Alternative Finding																
	Section 404 Compliance																
	Mitigation Measures																
8A.6	Public Distribution Of FED And Respond To Comments																
8A.7	Final Right Of Way Relocation Impact Document																
8A.8	Completed Environmental Document																
	Record Of Decision (NEPA)																
	Notice Of Determination (CEQA)																
	Environmental Commitments Record																
8A.9	NEPA Delegation																
Total		Total	282	298	548	235	348	248	214	413	548	224	242	614	314	\$906,755.00	

North County Corridor Joint Powers Authority



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		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		

ASSUMPTIONS:

- 1 NCC modified scope of work to secure funding for the 2010 STIP within the 10 month time frame using a multiple document approach: Route Adoption CEQA Program EIR for redesignating SR 108 for ITIP Funds
- 2 CEQA Document for Route Adoption is a screening level document based upon aerial mapping and data base searches.
- 3 Two reports will be required. The PR for the Route Adoption is planned to be minimal using the same level of information from the previous studies.
- 4 1 doc.
- 5 Route Adoption - Detailed design exceptions (except for traffic) are deferred to the TIER I document in Task Order #3
- 6 Project duration 54 months. Task # 2 10 months
- 7 Project Management-meetings will extend monthly over the life of the project, assumed at 10 months for this Task Order
- 8 All public outreach in Task #3
- 9 The traffic study for the route adoption will be limited to updating the Feasibility and PDR corridor investigations to the new forecasting, adding in interchange and intersect on the corridor alternatives and the MOE's for the project. All other traffic studies will be deferred to the TIER I document.
- 10 Traffic forecasting will be prepared with the route adoption for use through both documents.
- 11 Value Analysis will be performed only for the TIER I document (budgeted in Task Order #3)
- 12 Structural investigations, (CT Advanced Planning Studies) will be performed during the TIER I document only. (budgeted in Task Order #3)
- 13 The Geotechnical investigations will be prepared for the TIER I document only. (budgeted in Task Order #3)
- 14 Only preliminary Utility Location/Coordination will be done during Route Adoption study

NOTE:

Any remaining funding from the approved Task Order #2 will be evaluated for re-allocation to Task Order #3
 Task Order #2 work need to be performed concurrent with the work for Task Order #3 as there are tasks (like Public Outreach & engineering) in Task Order #3 that supports the deliverable of a Route Adoption

Salary Escalation	No. Years	Rate/Yr 4%	% Remaining	
				\$ - \$ -
Direct and Outside Expenses				
Postage and Deliveries				\$5,600.00
Reproductin Services				\$50,000.00
Project Controls 2 hrs per week @ \$150 per hr				\$12,000.00
Equipment and Miscellaneous				\$9,700.00
		Total		\$77,300.00 \$ 77,300.00
Subconsultant and Survey Services				
	Task No			
Surveys - Records Research (Mid Valley) TO#1	3.25			
Public Outreach -TO#1 (JBC) (\$35,000)	2.3, 2.4, 2.5, 2.6			
Public Outreach - (JBC) (\$30,000 Amend #1)	2A.3 - 2A.6			
Study TO#1 Amendmnt (IFC J&S)(\$150,547)	4 -8, 4A - 8A	Task #3		
Value Analysis - TIER I EIR/EIS (CVS)	3A.6	Task #3		
Traffic - TO #1 Amendment (F&P) (\$215,525)	3.2, 3.3, 3.10, 3.16			
Traffic Studies - Project Specific PAED (F&P)	3A.2, 3A.3, 3A.10,	Task #3		
Structural APE- Project Specific PAED (BRG)	3A.18	Task #3		
Geotechnical Report - Project Specific PAED(Blackburn)	3A.17	Task #3		
R/W Data Sheets - Project Specific PAED (Universal)	3A.11	Task #3		
Utility Coordination - Project Specific PAED (G&K)	5A.8	Task #3		
	Total			\$ - \$ -
Subconsultant and Project Controls Mark-up				
	5%			\$ - \$ -
				Subtotal Cost \$984,055.00
				Total Cost \$984,055.00

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADDIGS	Environmental Lead	Sr Planner	Environmental Planning	Jr. Environmental Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
1	Project Management - Program TIER I EIR/EIS and Phase 1 Project	246	436	292				305		186	24	24			\$ 288,890
1.1	Initiation and Planning														\$ -
	Project Management Plan														\$ -
	Kick-Off Meeting														\$ -
	<i>Reallocated from Surveys Task #3.24 in Task Order #1</i>														\$ -
	<i>Amendment #1</i>														\$ -
1.2	Execution and Control	72	246	62				190							\$ 95,140
	Scope, Schedule, Budget Oversight (31months)	62	62												\$ 28,520
	Schedule Updates (10)	10	30	30											\$ 14,850
	Monthly Invoices		46												\$ 10,350
	Monthly Progress Reports		62	32											\$ 19,870
	Project Administration		46					190							\$ 21,750
1.3	Coordination and Meetings	166	166	206				115		186					\$ 175,310
	Monthly Progress (PDT) Meetings (21) beyond Route Adoption	105	105	105				60		155					\$ 118,275
	Project Coordination Meetings (10)	40	40	80				40							\$ 35,600
	Monthly Team Leader Coordination Meetings/Calls (21) Beyond Route Adoption	21	21	21				15		31					\$ 23,435
1.4	Quality Control Program	8	24	24							24	24			\$ 18,440
	QA/QC Plan														\$ -
	QA/QC Reviews	8	24	24							24	24			\$ 18,440
															\$ -
2	Consensus Building and Outreach - ROUTE ADOPTION (Not in TO #2)	120	136	64	40	80	100			24	24				\$ 101,040
2.1	Public Meetings	80	96	64	40	80	80			24	24				\$ 81,440
	Notification (2 workshops, 2 Re-scoping, 2 public hearing)														\$ -
	Meeting Materials (Boards/Presentations/FAQs)	16	32		40	80	40								\$ 26,960
	Stakeholder Meetings (Up to 10)	40	40	40			40								\$ 28,200
	Facilitation/Attendance (2 workshops)	24	24	24						24	24				\$ 26,280
	Summary / Documentation														\$ -
	General Logistics														\$ -
2.2	Agency Coordination	40	40				20								\$ 19,600
	Agency Coordination Plan														\$ -
	Agency Representatives List														\$ -
	Briefing Meetings with Councils, Boards, Supervisors and Managment (10)	40	40				20								\$ 19,600
	Team Briefings (None)														\$ -
2.3	Database Development and Comment Tracking														\$ -
	Comment Tracking protocol														\$ -
	Database for up to 3,500 Contacts														\$ -
	Comment Tracking Reports (4)														\$ -
2.4	Combined Newsletter/Fact Sheets														\$ -
	Fact Sheets (1)														\$ -
	Develop Preliminary Outline and Layout														\$ -
	Produce Combined Newsletter (1)														\$ -
2.5	Website Coordination														\$ -
	Project-Specific Web Page Layout														\$ -
	Web Page Updates Including Text and Documents														\$ -
2.6	Media Coordination														\$ -
	Maintain Media Contacts List														\$ -
	Prepare Media Kits and Press Releases														\$ -
	Project-Related Article Tracking														\$ -
2A	Consensus Building and Outreach - Tier I EIR/EIS HYBRID	200	248	64	80	144	172			36	36				\$ 166,680
2A.1	Public Meetings	116	164	64	80	144	100			36	36				\$ 123,720
	Notification (3 workshops, 2 scoping, 2 public hearing)														\$ -
	Meeting Materials (Boards/Presentations/FAQs)	24	72		80	80	40								\$ 43,040
	Stakeholder Meetings (Up to 15)	60	60	32		32	60								\$ 40,480
	Facilitation/Attendance (3 workshops)	32	32	32		32				36	36				\$ 40,200
	Summary / Documentation														\$ -
	General Logistics														\$ -
2A.2	Agency Coordination	84	84				72								\$ 42,960

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr. Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
	Agency Coordination Plan														\$ -
	Agency Representatives List														\$ -
	Briefing Meetings with Councils, Boards, Supervisors and Management (21)		84	84				48							\$ 41,520
	Team Briefings (None)							24							\$ 1,440
2A.3	Database Development and Comment Tracking														\$ -
	Comment Tracking protocol														\$ -
	Database for up to 3,500 Contacts														\$ -
	Comment Tracking Reports (4)														\$ -
2A.4	Combined Newsletter/Fact Sheets														\$ -
	Fact Sheets (3)														\$ -
	Develop Preliminary Outline and Layout														\$ -
	Produce Combined Newsletter (3)														\$ -
2A.5	Website Coordination														\$ -
	Project-Specific Web Page Layout														\$ -
	Web Page Updates Including Text and Documents														\$ -
2A.6	Media Coordination														\$ -
	Maintain Media Contacts List														\$ -
	Prepare Media Kits and Press Releases														\$ -
	Project-Related Article Tracking														\$ -

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep. PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr. Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
3	Perform Preliminary Engineering Studies And Draft Project Report - ROUTE ADOPTION														\$ -
3.1	Updated Project Information - As It Relates To The Preferred Alternative In The Project Report (TO #2)														\$ -
	Approved PSR Review														\$ -
	Geotechnical Information Review														\$ -
	Materials Information Review														\$ -
	Traffic Data And Forecasts Review														\$ -
	Geometrics Review														\$ -
	Project Scope Review														\$ -
	Project Cost Estimate Review														\$ -
	Engineering Studies														\$ -
3.2	Collect Traffic Data														\$ -
3.3	Traffic Forecasting														\$ -
3.4	Geometric Plans For Project Alternatives (3)														\$ -
3.5	Construction Phasing Plans (Preferred Alternate Phased = Alternative 4)														\$ -
3.6	Value Analysis (TIER I ONLY)														\$ -
3.7	Conceptual Hydraulics/Hydrology Studies (TIER I ONLY)														\$ -
3.8	Drainage Concept Plans (TIER I ONLY)														\$ -
3.9	Storm Water Data Report														\$ -
3.10	Traffic Operational Analysis														\$ -
3.11	Right Of Way Data Sheet (TIER I ONLY)														\$ -
3.12	Determine Right-of-Way Requirements														\$ -
3.13	Utility Location Requirements (TIER I ONLY)														\$ -
3.14	Railroad Study (TIER I ONLY)														\$ -
3.15	Park And Ride Study (TIER I ONLY)														\$ -
3.16	Traffic Studies														\$ -
3.17	Geotechnical Information														\$ -
3.18	Structures Advance Planning Study (TIER I ONLY)														\$ -
3.19	Preliminary Transportation Management Plan (TIER I ONLY)														\$ -
	<i>Amendment #1</i>														\$ -
	Draft Project Report (Draft Route Adoption Report)														\$ -
3.20	Cost Estimates For Alternatives														\$ -
3.21	Fact Sheet For Exceptions To Design Standards (TIER I ONLY)														\$ -
3.22	Draft Project Report														\$ -
3.23	Draft Project Report Circulation, Review, And Approval														\$ -
3.24	Engineering And Land Net Surveys														\$ -
	Existing Records														\$ -
	Survey Control														\$ -
	Aerial Topographic Mapping														\$ -
	Field Design Surveys														\$ -
	Base Mapping														\$ -
	Environmental Study Request														\$ -
3.25	Surveys And Mapping For Environmental Studies														\$ -
3.26	Property Access Rights For Environmental/Engineering Studies														\$ -
	<i>Reallocation to Fehr & Peers and Project Management Task #1.1 During Task 1</i>														\$ -
3.27	NEPA Delegation														\$ -

North County Corridor Joint Powers Authority



Task	Description															Total by Task
		Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr. Environmental-Planning	Project Coordinator-Admin		
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00			
3A	Perform Preliminary Engineering Studies And Draft Project Report - TIER I EIR/EIS HYBRID															
		56	124	420	632	328	400	32	4	8				8	\$ 302,940	
3A.1	Updated Project Information - As It Relates To The Preferred Alternative In The Project Report														\$ -	
	Approved PSR Review														\$ -	
	Geotechnical Information Review														\$ -	
	Materials Information Review														\$ -	
	Traffic Data And Forecasts Review														\$ -	
	Geometrics Review														\$ -	
	Project Scope Review														\$ -	
	Project Cost Estimate Review														\$ -	
	Engineering Studies	48	84	204	440	288	320								\$ 204,960	
3A.2	Collect Traffic Data														\$ -	
3A.3	Traffic Forecasting														\$ -	
3A.4	Geometric Plans For Project Alternatives (2)	8	16	80	160	160	180								\$ 83,980	
3A.5	Construction Phasing Plans (Preferred Alternate Only)		8	16	40	40	40								\$ 20,160	
3A.6	Value Analysis	40	40	40			8								\$ 26,640	
3A.7	Hydraulics/Hydrology Studies			20	20	40									\$ 11,900	
3A.8	Drainage Concept Plans				40	40	40								\$ 15,400	
3A.9	Storm Water Data Report			8	48										\$ 8,680	
3A.10	Traffic Operational Analysis														\$ -	
3A.11	Right Of Way Data Sheet		2	8											\$ 1,930	
3A.12	Determine Right-of-Way Requirements			8	20		20								\$ 6,580	
3A.13	Utility Location Requirements		2	8	40										\$ 7,930	
3A.14	Railroad Study		4	8	16	8	8								\$ 6,660	
3A.15	Park And Ride Study		4	8	16		8								\$ 5,620	
3A.16	Traffic Studies														\$ -	
3A.17	Geotechnical Information														\$ -	
3A.18	Structures Advance Planning Study														\$ -	
3A.19	Preliminary Transportation Management Plan		8		40		16								\$ 9,480	
	Draft Project Report	8	32	192	192	40	40								\$ 82,800	
3A.20	Cost Estimates For Alternatives	4	8	20	40	40									\$ 17,640	
3A.21	Fact Sheet For Exceptions To Design Standards	4		32	40										\$ 12,880	
3A.22	Draft Project Report		16	100	80		40								\$ 38,300	
3A.23	Draft Project Report Circulation, Review, And Approval		8	40	32										\$ 14,000	
3A.24	Engineering And Land Net Surveys														\$ -	
	Existing Records														\$ -	
	Survey Control														\$ -	
	Aerial Topographic Mapping														\$ -	
	Field Design Surveys														\$ -	
	Base Mapping														\$ -	
	Environmental Study Request		8	24			40	32							\$ 12,360	
3A.25	Surveys And Mapping For Environmental Studies														\$ -	
3A.26	Property Access Rights For Environmental/Engineering Studies		8	24			40	32							\$ 12,360	
3A.27	NEPA Delegation							4	8					8	\$ 2,620	

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
4, 5, 6	Perform Environmental Studies And Prepare Draft Environmental Document - ROUTE ADOPTION														
4	Environmental Scoping Of Alternatives Identified For Studies In PID														\$ -
4.1	Project Information Review														\$ -
4.2	Public And Agency Scoping Process														\$ -
4.3	Alternatives For Further Study														\$ -
5	General Environmental Studies														\$ -
5.1	Community Impact Analysis, Land Use, And Growth Studies														\$ -
5.2	Visual Impact Assessment And Scenic Resource Evaluation														\$ -
5.3	Noise Study														\$ -
5.4	Air Quality Study														\$ -
5.5	Water Quality Studies														\$ -
5.6	Energy Studies														\$ -
5.7	Summary Of Geotechnical Report														\$ -
5.8	Hazardous Waste Preliminary Site Investigations														\$ -
5.9	Draft Right Of Way Relocation Impact Document														\$ -
5.10	Location Hydraulic And Floodplain Study Report														\$ -
5.11	Paleontology Study														\$ -
5.12	Wild And Scenic Rivers Coordination														\$ -
	Environmental Commitments Record														\$ -
	Other Environmental Studies														\$ -
	<i>Amendment #1</i>														
5.13	Biological Studies														\$ -
	Biological Assessment														\$ -
	Wetlands Study														\$ -
	Resource Agency Permit Related Coordination														\$ -
	Natural Environment Study Report														\$ -
5.14	Cultural Resource Studies														\$ -
	Archaeological Survey														\$ -
	Area Of Potential Effects/Study Area Maps														\$ -
	Native American Consultation														\$ -
	Records And Literature Search														\$ -
	Field Survey														\$ -
	Archaeological Survey Report														\$ -
	Other Archaeological Survey Products														\$ -
	Extended Phase I Archaeological Studies														\$ -
	Native American Consultation														\$ -
	Extended Phase I Proposal														\$ -
	Extended Phase I Field Investigation														\$ -
	Extended Phase I Materials Analysis														\$ -
	Extended Phase I Report														\$ -
	Phase II Archaeological Studies														\$ -
	Native American Consultation														\$ -
	Phase II Proposal														\$ -
	Phase II Field Investigation														\$ -
	Phase II Materials Analysis														\$ -
	Phase II Report														\$ -
	Historical And Architectural Resource Studies														\$ -
	Preliminary Area Of Potential Effects/Study Area Maps For Architecture														\$ -
	Historic Resources Evaluation Report - Archaeology														\$ -
	Historic Resource Evaluation Report- Architecture (HRER)														\$ -
	Bridge Evaluation														\$ -

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr-Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
	Cultural Resource Compliance Consultation Documents														
	Final Area Of Potential Effects/Study Area Maps														\$ -
	PRC 5024.5 Consultation														\$ -
	Historic Property Survey Report/Historic Resources Compliance Report														\$ -
	Finding Of Effect														\$ -
	Archaeological Data Recovery Plan/Treatment Plan														\$ -
	Memorandum Of Agreement														\$ -
6	Draft Environmental Document														\$ -
6.1	Draft Environmental Document Analysis														\$ -
6.2	Section 4(F) Evaluation (TIER I ONLY)														\$ -
6.3	Categorical Exemption/Categorical Exclusion Determination														\$ -
6.4	Environmental Quality Control And Other Reviews														\$ -
6.5	Approval To Circulate Resolution														\$ -
6.6	Environmental Coordination														\$ -
6.7	NEPA Delegation (TIER I ONLY)														\$ -
6.8	Required Permits During PA&ED Development (TIER I ONLY)														\$ -
	Permits During PA&ED Development														\$ -
	U.S. Army Corps Of Engineers Permit (404)														\$ -
	U.S. Forest Service Permit(s)														\$ -
	U.S. Coast Guard Permit														\$ -
	Department Of Fish & Game 1600 Agreement(s)														\$ -
	Coastal Zone Development Permit														\$ -
	Local Agency Concurrence/Permit														\$ -
	Waste Discharge (NPDES) Permit														\$ -
	U.S. Fish And Wildlife Service Approval														\$ -
	Regional Water Quality Control Board 401 Permit														\$ -
6.9	Updated Environmental Commitments Record														\$ -
6.10	NEPA Delegation (TIER I ONLY)														\$ -
6.11	Other Permits														\$ -
4A, 5A, 6A	Perform Environmental Studies And Prepare Draft Environmental Document - TIER I EIR/EIS HYBRID														\$ -
4A	Environmental Scoping Of Alternatives Identified For Studies In PID								790	526	508	552	1136	438	\$ 501,050
4A.1	Project Information Review							120	48	42	42	62	38	\$ 46,260	
4A.2	Public And Agency Scoping Process							90	30	30	30	30	30	\$ 31,050	
4A.3	Alternatives For Further Study							30	18	12	12	32	8	\$ 15,210	
5A	General Environmental Studies							500	162	236	342	564	162	\$ 239,040	
5A.1	Community Impact Analysis, Land Use, And Growth Studies							120	80	60	120	120	30	\$ 73,000	
5A.2	Visual Impact Assessment And Scenic Resource Evaluation							200	40	18	60	90	30	\$ 54,780	
5A.3	Noise Study													\$ -	
5A.4	Air Quality Study													\$ -	
5A.5	Water Quality Studies							60	8	90	30	120	18	\$ 38,620	
5A.6	Energy Studies													\$ -	
5A.7	Summary Of Geotechnical Report													\$ -	
5A.8	Hazardous Waste Preliminary Site Investigations													\$ -	
5A.9	Draft Right Of Way Relocation Impact Document							30	8		60	120	30	\$ 24,070	
5A.10	Location Hydraulic And Floodplain Study Report							60	4	60	60	90	30	\$ 33,580	
5A.11	Paleontology Study													\$ -	
5A.12	Wild And Scenic Rivers Coordination													\$ -	
	Environmental Commitments Record								6				12	\$ 1,740	
	Other Environmental Studies							30	16	8	12	24	12	\$ 13,270	

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr. Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
5A.13	Biological Studies														
	Biological Assessment														\$ -
	Wetlands Study														\$ -
	Resource Agency Permit Related Coordination														\$ -
	Natural Environment Study Report														\$ -
5A.14	Cultural Resource Studies														\$ -
	Archaeological Survey														\$ -
	Area Of Potential Effects/Study Area Maps														\$ -
	Native American Consultation														\$ -
	Records And Literature Search														\$ -
	Field Survey														\$ -
	Archaeological Survey Report														\$ -
	Other Archaeological Survey Products														\$ -
	Extended Phase I Archaeological Studies (No sub-surface investigations)														\$ -
	Native American Consultation														\$ -
	Extended Phase I Proposal														\$ -
	Extended Phase I Field Investigation														\$ -
	Extended Phase I Materials Analysis														\$ -
	Extended Phase I Report														\$ -
	Phase II Archaeological Studies														\$ -
	Native American Consultation														\$ -
	Phase II Proposal														\$ -
	Phase II Field Investigation														\$ -
	Phase II Materials Analysis														\$ -
	Phase II Report														\$ -
	Historical And Architectural Resource Studies														\$ -
	Preliminary Area Of Potential Effects/Study Area Maps For Architecture														\$ -
	Historic Resources Evaluation Report - Archaeology														\$ -
	Historic Resource Evaluation Report- Architecture (HRER)														\$ -
	Bridge Evaluation														\$ -
	Cultural Resource Compliance Consultation Documents														\$ -
	Final Area Of Potential Effects/Study Area Maps														\$ -
	PRC 5024.5 Consultation														\$ -
	Historic Property Survey Report/Historic Resources Compliance Report														\$ -
	Finding Of Effect														\$ -
	Archaeological Data Recovery Plan/Treatment Plan														\$ -
	Memorandum Of Agreement														\$ -
6A	Draft Environmental Document								162	272	204	168	510	180	\$ 202,310
6A.1	Draft Environmental Document Analysis								120	240	60	120	360	120	\$ 141,000
6A.2	Section 4(F) Evaluation								30	8	120	30	120	30	\$ 39,670
6A.3	Categorical Exemption/Categorical Exclusion Determination														\$ -
6A.4	Environmental Quality Control And Other Reviews								12	24	24	18	30	30	\$ 17,180
6A.5	Approval To Circulate Resolution														\$ -
6A.6	Environmental Coordination														\$ -
6A.7	NEPA Delegation								4	8				6	\$ 2,820
6A.8	Required Permits During PA&ED Development								4	4				6	\$ 1,680

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
Permits During PA&ED Development										32	26			46	\$ 13,440
	U.S. Army Corps Of Engineers Permit (404)									4				2	\$ 1,160
	U.S. Forest Service Permit(s)														\$ -
	U.S. Coast Guard Permit														\$ -
	Department Of Fish & Game 1600 Agreement(s)									4				2	\$ 1,160
	Coastal Zone Development Permit														\$ -
	Local Agency Concurrence/Permit									4				2	\$ 1,160
	Waste Discharge (NPDES) Permit										10			4	\$ 1,800
	U.S. Fish And Wildlife Service Approval										8			2	\$ 1,280
	Regional Water Quality Control Board 401 Permit										8			2	\$ 1,280
6A.9	Updated Environmental Commitments Record									4				16	\$ 1,160
6A.10	NEPA Delegation									16				16	\$ 4,640
6A.11	Other Permits														\$ -
7	Circulate Draft Environmental Document And Select Preferred Project Alternative - ROUTE ADOPTION TO #2														\$ -
7.1	DED Circulation														\$ -
	Master Distribution And Invitation Lists														\$ -
	Notices Regarding Public Hearing And Availability Of Draft Environmental Document														\$ -
	DED Publication And Circulation														\$ -
	Federal Consistency Determination (Coastal Zone)														\$ -
7.2	Public Hearing														\$ -
	Need For Public Hearing Determination														\$ -
	Public Hearing Logistics														\$ -
	Displays For Public Hearing														\$ -
	Second Notices Of Public Hearing And Availability Of DED														\$ -
	Map Display And Public Hearing Plan														\$ -
	Display Public Hearing Maps														\$ -
	Public Hearing														\$ -
	Record Of Public Hearing														\$ -
	Public Comment Responses And Correspondence														\$ -
7.3	Project Preferred Alternative														\$ -
7.4	NEPA Delegation														\$ -
7A	Circulate Draft Environmental Document And Select Preferred Project Alternative - TIER I EIR/EIS								206	90	92	22	60	198	\$ 74,610
7A.1	DED Circulation								24	18	12	16	48	72	\$ 16,380
	Master Distribution And Invitation Lists									4		8		24	\$ 2,120
	Notices Regarding Public Hearing And Availability Of Draft Environmental Document								16	6	4	4	24	24	\$ 7,020
	DED Publication And Circulation								8	8	8	4	24	24	\$ 7,240
	Federal Consistency Determination (Coastal Zone)														\$ -
7A.2	Public Hearing								174	52	72			114	\$ 48,350
	Need For Public Hearing Determination														\$ -
	Public Hearing Logistics								8	8	8			12	\$ 4,600
	Displays For Public Hearing								90	6	8			18	\$ 14,270
	Second Notices Of Public Hearing And Availability Of DED								12	2				16	\$ 2,080
	Map Display And Public Hearing Plan								32	8	8			10	\$ 7,600
	Display Public Hearing Maps								6	2				4	\$ 1,330
	Public Hearing								12	12	12			18	\$ 6,900
	Record Of Public Hearing								6	6	24			30	\$ 6,330
	Public Comment Responses And Correspondence								8	8	12			6	\$ 5,240
7A.3	Project Preferred Alternative								8	12	8	6	12	4	\$ 7,560
7A.4	NEPA Delegation									8				8	\$ 2,320

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/GIS	Environmental Lead	Sr Planner	Environmental Planning	Jr. Environmental Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$60.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
8	Prepare And Approve Project Report And Final Environmental Document - ROUTE ADOPTION TO #2														
	Final Project Report														\$ -
8.1	Updated Draft Project Report														\$ -
8.2	Approved Project Report														\$ -
8.3	Updated Storm Water Data Report														\$ -
8.4	Geometric Approval Drawings (GAD) for Selected Alternative														\$ -
	Final Environmental Document														\$ -
8.5	Approved Final Environmental Document														\$ -
	Draft Final Environmental Document Review														\$ -
	Revised Draft Final Environmental Document														\$ -
	Section 4(f) Evaluation (TIER I ONLY)														\$ -
	Findings														\$ -
	Statement Of Overriding Considerations														\$ -
	CEQA Certification														\$ -
	FHWA Approval														\$ -
	Section 106 Consultation And Moa														\$ -
	Section 7 Consultation														\$ -
	Final Section 4(f) Statement														\$ -
	Floodplain Only Practicable Alternative Finding														\$ -
	Wetlands Only Practicable Alternative Finding														\$ -
	Section 404 Compliance														\$ -
	Mitigation Measures														\$ -
8.6	Public Distribution Of FED And Respond To Comments														\$ -
8.7	Final Right Of Way Relocation Impact Document														\$ -
8.8	Completed Environmental Document														\$ -
	Record Of Decision (NEPA)														\$ -
	Notice Of Determination (CEQA)														\$ -
	Environmental Commitments Record														\$ -
8.9	NEPA Delegation														\$ -

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/IGIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		
8A	Prepare And Approve Project Report And Final Environmental Document - TIER I EIR/EIS HYBRID														
	Final Project Report		16	140	160	212	424	12	170	238	210	220	374	116	\$ 310,230
	8A.1 Updated Draft Project Report		4	40		12	64	4							\$ 16,820
	8A.2 Approved Project Report		4	24		16									\$ 7,420
	8A.3 Updated Storm Water Data Report			4		24		8							\$ 4,340
	8A.4 Geometric Approval Drawings (GAD) for Selected Alternative		8	72	160	160	360								\$ 97,720
	Final Environmental Document								154	190	196	206	270	60	\$ 154,730
	8A.5 Approved Final Environmental Document														\$ -
	Draft Final Environmental Document Review								12	60	60	60	120	20	\$ 46,500
	Revised Draft Final Environmental Document								24	30	30	30	40	4	\$ 23,700
	Section 4(f) Evaluation								12	6	18	6	12	4	\$ 7,920
	Findings									4	4	4	4	4	\$ 2,640
	Statement Of Overriding Considerations									4	4	4	4	4	\$ 2,640
	CEQA Certification									2			2	4	\$ 760
	FHWA Approval									6	4	4	8	4	\$ 3,580
	Section 106 Consultation And Moa								6	12	18	6	8		\$ 8,550
	Section 7 Consultation								12	16	18	6	8		\$ 10,460
	Final Section 4(f) Statement								12	12	12	6	8		\$ 8,340
	Floodplain Only Practicable Alternative Finding								12	4	4	12	8		\$ 5,460
	Wetlands Only Practicable Alternative Finding								12	4	4	12	8		\$ 5,460
	Section 404 Compliance								12	4	4	12	8		\$ 5,460
	Mitigation Measures								4	6	4	6	8		\$ 4,320
	8A.6 Public Distribution Of FED And Respond To Comments								12	16	12	8	8	4	\$ 9,740
	8A.7 Final Right Of Way Relocation Impact Document								24	4		30	16	12	\$ 9,200
	8A.8 Completed Environmental Document								16	32	14	14	104	48	\$ 24,560
	Record Of Decision (NEPA)								4	16	4	4	40	4	\$ 9,660
	Notice Of Determination (CEQA)								4	4	2	2	24	4	\$ 4,380
	Environmental Commitments Record								8	12	8	8	40	40	\$ 10,320
	8A.9 NEPA Delegation									16				8	\$ 4,640
															\$ -
Total		622	944	840	632	448	624	609	1,000	870	684	598	1,196	644	\$ 1,745,440

North County Corridor Joint Powers Authority



Task	Description	Project Manager	Dep PM/Engineering Lead	Senior Engineer	Project Engineer I	Project Engineer II	CADD Designer	Project Admin	CADD/CIS	Environmental Lead	Sr Planner	Environmental-Planning	Jr Environmental-Planning	Project Coordinator-Admin	Total by Task
		\$235.00	\$225.00	\$185.00	\$150.00	\$130.00	\$105.00	\$80.00	\$125.00	\$290.00	\$160.00	\$120.00	\$90.00		

- ASSUMPTIONS:**
- 1 TIER I Hybrid Doc. - Corridor level study to protect RW and clear the first phase of construction - document based upon infield studies and
 - 2 The PR for the TIER I document will be an in-depth PR with alternatives focused on the identified corridor from the Route Adoption CEQA
 - 3 TIER I - 3 alternatives plus the phased preferred alternative will be studied.
 - 4 Project Management-meetings will extend monthly over the life of the project (assumed 31 months)
 - 5 Value Analysis will be performed for the TIER I document
 - 6 Structural investigations, (CT Advanced Planning Studies) performed during the TIER I document.
 - 7 The Geotechnical investigations will be prepared for the TIER I document.
 - 8 The Geotechnical Materials report will be obtained from existing information.
 - 9 The Geotechnical ISA includes a preliminary Hazardous Materials Assessment (15 sites max.)
 - 10 Right of way Data Sheets will be prepared for the TIER I document (3 alternatives).
 - 11 Utility Location/Coordination will be done during the TIER I.

Salary Escalation	No. Years	Rate/Yr	% Remaining		
	2	4%	95%	\$ 165,816.80	\$ 165,816.80
Direct and Outside Expenses					
Postage and Deliveries				\$7,110.65	
Project Controls 2 hrs per week @ \$150 per hr				\$25,200.00	
Travel 1 Trip per week \$0.58 per Mile 168 Miles				\$12,082.56	
Reproductin Services				\$87,000.00	
Equipment and Miscellaneous				\$10,800.00	
				Total	\$ 142,193.21
Subconsultant and Survey Services					
	Task No				
Surveys - Control, Mapping and Field (JCB)	3.25	\$	-		
Surveys - Aerial Mapping (JCB)	3.25	\$	-		
Bridge APS (BRG)	3.25	\$	160,000.00		
Public Outreach - Route Adoption (JBuethe)	2.3, 2.4, 2.5, 2.6				
Public Outreach - TIER I EIR/EIS (JBuethe)	2A.3 - 2A.6	\$	250,000.00		
Env Studies and Techincal Support (ICF J&S)	4 -8, 4A - 8A	\$	588,533.00		
Value Analysis - TIER I EIR/EIS (CVS)	3A.6	\$	40,000.00		
Traffic Studies - Route Adoption (F&P)	3.2, 3.3, 3.10, 3.16				
Traffic Studies - TIER I EIR/EIS (F&P)	3A.2, 3A.3, 3A.10,	\$	199,420.00		
Geotechnical Report - TIER I (Blackburn)	3A.17	\$	175,000.00		
Geotechnical - ISA - TIER I (Blackburn)	5A.8				
Right of Way Data Sheets - TIER I (Universal Field Svc)	3A.11	\$	21,000.00		
Utility Location/Coordination - TIER I (G&K)	5A.8	\$	75,000.00		
				Total	\$ 1,506,953.00
Subconsultant and Project Controls Mark-up					
	5%	\$	75,347.65		\$ 75,347.65
				Subtotal Cost	\$3,635,750.66
				Total Cost	\$3,635,750.66