

# EXHIBIT A



**Gannett Fleming**

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June 6, 2011

Mr. Chris Kabala, P.E.  
Senior Civil Engineer  
Engineering Division  
31 E. Fifth Street  
Tempe, AZ 85281

**RE: Scope of Work – Phase 1 Validate Concept and Select Dam Technology  
Tempe Town Lake Downstream Dam Replacement, Project No. 6504221**

Dear Mr. Kabala:

Gannett Fleming, Inc. (Gannett Fleming) is pleased to present the attached Scope of Work for Phase 1 of the Tempe Town Lake Downstream Dam Replacement Project. Our Team will be lead by Dean B. Durkee, Ph.D., P.E., of our Phoenix office, who will serve as the primary contact and overall Project and Contract Manager. Dean will manage the Project Team and be available to coordinate and communicate with the City. Paul G. Schweiger, P.E. will serve as the Lead Design Engineer on the project and will lead the design team through the project.

The attached scope of work outlines the activities required for meeting the project objective of selecting the best value alternative for replacement of the downstream dam at Tempe Town Lake. Upon award of the contract, we will work closely with the City to address the primary objectives of the project as discussed in the attached scope of work.

Please do not hesitate to call me at 602-553-8817, ext. 8228 if you have any questions regarding our scope of work.

Sincerely,  
GANNETT FLEMING, INC.

A handwritten signature in cursive script that reads "Dean B. Durkee".

Dean B. Durkee, Ph.D., P.E.  
Vice President

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**TEMPE TOWN LAKE DOWNSTREAM DAM REPLACEMENT  
PROJECT NO. 6504221****PHASE 1 – VALIDATE CONCEPT AND SELECT DAM TECHNOLOGY  
SCOPE OF WORK****1.0 BACKGROUND**

Tempe Town Lake (TTL) is an urban lake located in the Salt River, in the City of Tempe, Arizona. Groundbreaking for the lake was August 8, 1997, and Tempe Town Lake was officially opened to the public in November 1999. The lake is formed by two Bridgestone inflatable rubber dams constructed across the Salt River Bed at the upstream and downstream ends of the Lake. The downstream dam consists of four 16-foot high air-inflated rubber bladders, each approximately 240 feet long anchored to a concrete foundation slab. The upstream dam consists of four 4.9-foot high air-inflated rubber bladders. The foundation slabs were constructed of roller-compacted concrete overlain with a reinforced concrete slab at the riverbed level to allow the passage of water while the rubber dams are deflated.

The City of Tempe (City) owns and operates the dams. On July 20, 2010 the one of the four downstream Tempe Town Lake inflatable dams failed. Since that time the four bladders forming the downstream dam have been replaced. The replacement bladders are under a five-year lease agreement and are scheduled to be removed at the end of the lease. This current project will provide design and construction of a replacement downstream dam. The project will be performed in phases and this scope of work is for Phase 1 – Validate Concept and Select Dam Technology.

**2.0 PURPOSE**

The City is seeking the best possible option to replace the Tempe Town Lake Downstream Dam. The purpose of this *Phase 1 – Validate Concept and Select Dam Technology* is to evaluate all alternatives for the dam replacement and select the “best-value” solution based on the viable technologies available, location, environmental and social considerations, and cost, including upfront cost as well as life cycle costs.

The following primary objectives for the dam replacement project will be incorporated into the alternatives evaluation process:

- Maintain and enhance the primary function of the dam which is to create a recreational environment providing pleasant backdrop for commercial development.
- Maintain design integrity under maximum design discharge with minimal damage.



- Maintain lake levels through a reasonable range of flow events and the ability to capture the tail end of a flood event to maintain the full lake condition.
- Minimize the reduction in flood passage capacity.
- Minimize the increase in flood impacts to surrounding areas.
- Maintain the existing pier configuration and minimize structural modifications as much as possible.
- Design must be compatible with pedestrian bridge and immediate surrounding area.
- Minimize operations and maintenance costs.
- Select system with high degree of reliability.
- Minimize the implementation schedule.
- Provide for simplicity of operation.
- Provide for public acceptance/aesthetics.
- Provide a proven technology.
- Maintain the lake during construction.

### **3.0 AGENCIES**

The following agencies are identified as Stakeholders for this project:

- Salt River Project (SRP)
- Arizona Department of Water Resources (ADWR)
- Flood Control District of Maricopa County (FCDMC)
- US Army Corps of Engineers (USACE) Los Angeles District
- City of Tempe Departments
  - Community Development
  - Public Works/Engineering

### **4.0 REFERENCE MATERIAL**

The following reference documents have been made available for review and as reference material for development of alternatives and overall understanding of the project.

- Rio Salado Town Lake Feasibility Study, April 1992.
- Geotechnical/Hydrological Data Report, December 1994.
- Rio Salado Town Lake Design Report, March 1995.
- Geotechnical/Hydrological Data Report, February 1996.
- Geotechnical/Hydrological Data Report Addendum No. 1, February 1996.
- Hydraulic Analyses for the Rio Salado Town Lake Dams, March 1996.
- As Builts - Rio Salado Dam Facilities, November 1998.
- Proposal for Operational and Maintenance of Town Lake, from SRP, February 24, 1998.



- Tempe Town Lake Downstream Dam Alternatives Study Final Report, May 27, 2008.
- Tempe Town Lake Dams Annual Report, June 10, 2009.
- Salt River Hydraulic Master Plan, August, 2009.
- Design Plans for Town Lake Pedestrian Bridge, Project No. 6501541, January 2009.
- Tempe Town Lake Downstream Dam Bladder Replacement Project, Final Engineering Report, January 2011.
- Schedule C, Schedule for Design, Permitting, Contracting, Construction and Installation of New Dam, January, 2011.

## **5.0 PHASE 1 WORK TASKS**

The following tasks are required for completion of *Phase 1 – Validate Concept and Select Dam Technology*. Activities and deliverables were developed in consideration of alternatives identified previously and through scoping meetings held with various stakeholders. In addition, as part of this Phase 1 a brainstorming session will be held with the City and interested stakeholders to develop a long list of alternatives for preliminary screening.

The primary tasks required for completing the objectives of Phase 1 include:

- Task 1 – Project Coordination and Management
- Task 2 – Public Involvement and Stakeholder Coordination
- Task 3 – Data Review and Existing Conditions Analysis
- Task 4 – Hydrologic and Hydraulic Analyses
- Task 5 – Geotechnical Analysis
- Task 6 – Structural Analysis
- Task 7 – Alternatives Evaluation and Report
- Task 8 – Basis of Design Report
- Task 9 – Conceptual (15%) Design Plans
- Task 10 – Condition Assessment of the Upstream (East) Dam (on a separate time line).

Additional engineering design services, not included in this scope of work will include, but are not limited to:

- Design of the selected replacement alternative.
- Obtain all permits necessary for construction of the replacement dam; these may include Flood Control District of Maricopa County permits, Arizona Department of Water Resources permits, 404 permit modifications, City of Tempe building permits, biological, cultural, and environmental permits, and others unidentified clearances.
- Construction Phase Services.



**Task 1: Project Coordination and Management**

This task includes developing and maintaining a project (Phase 1) schedule, organizing and participating in project progress meetings, attending community meetings, and providing overall management of the project team for the duration of Phase 1. Specific Activities for Phase 1 include:

- Prepare and Update Schedule
- Progress Meetings (One per month for a total of 5)
- Community Meetings/City Council Meetings (Assume 10 for Phase 1)
- Project Coordination and Management (Five Months Phase 1)

**Task 2: Public Involvement and Stakeholder Coordination**

This task includes assisting the City Public Information Officer in the implementation of a Public Involvement Program and in coordinating with project stakeholders who have interest in partnering for design and/or construction of project features, including partnering on a cost share basis.

Specific activities for Phase 1 shall include:

- Assist City with preparation of project newsletters and brochures by providing supporting text and graphics.
- Assist with setting up and attending and presenting at public meetings.
- Attend potential partnering meetings.

**Task 3: Data Review and Existing Conditions Analysis**

This task includes collecting and reviewing all available data and reports that have been developed for the Tempe Town Lake Project. Specific items in this task are the hydrologic, hydraulic, geotechnical, structural design, and existing control and operating system for the downstream dam. Any environmental, archeological, and cultural data that may be available will also be reviewed.

The Project features include:

- Watersheds and dams upstream of Granite Reef Dam.
- Salt River and intervening flows between Granite Reef Dam and Tempe Town Lake.
- The upstream (east) dam.
- Tempe Town Lake.
- The downstream (west) dam.

Data review activities for Phase 1 will include:

- Reconnaissance Site Visits
- Compile and review data and reports that have been made available from the City.



- Data search with FCDMC, USACE, SRP, and ADWR and any other sources to be identified

Based on the results of the data collection and review, we will prepare an Existing Conditions Technical Memorandum that will summarize the current understanding of Tempe Town Lake and the contributing Project Features that affect the overall operation of the dams.

#### **Task 4: Hydrologic and Hydraulic Analysis**

Hydrologic and hydraulic analyses will be performed as required for evaluation of the short-listed alternatives. The analyses will be performed as required for compliance with the current design criteria of ADWR for Significant hazard potential dams, The **Flood Control District of Maricopa County** and City of Tempe flood plain requirements. It is understood that much of the modeling of the Salt River and upstream watersheds, as they affect flows to Tempe Town Lake have been completed previously, as part of the Salt River Hydraulic Master Plan (Stantec, 2009). That work will be reviewed as part of Task 3 above and applicable information incorporated into this current project as appropriate. Specific activities for Phase 1 shall include:

- Hydrologic Analysis for the 2-, 10-, 25-, 50-, 100-, 200-, and 500-year return frequencies, and the ½ PMF storm events. In general terms these analyses will provide for understanding normal operation, nuisance flows, and inflow design flood. The Salt River Hydraulic Master Plan hydrologic analysis will be used as the base hydrologic models for these analyses.
- Hydraulic Analysis for developing new stage-storage-discharge curves for the lake and principal spillways, floodplain impacts using HEC-RAS as necessary, and any modifications that could be required for the stilling basin downstream of the dam.

#### **Task 5: Geotechnical Analysis**

Comprehensive geotechnical investigations and analyses were performed for the original design of the downstream and upstream dams. These investigations and analyses are presented in:

- Geotechnical/Hydrological Data Report (Ch2M-Hill, 1994)
- Geotechnical/Hydrological Design Report (Ch2M-Hill, 1996)
- Geotechnical/Hydrological Data Report, Addendum No 1 (Ch2M-Hill, 1996)

Additional investigation work is not planned for this *Phase 1 – Validate Concept and Select Dam Technology*. The previous reports will be reviewed as part of Task 3 above and applicable data incorporated into analyses required for developing alternatives for the current project as appropriate. Specific activities for Phase 1 shall include:

- Prepare detailed subsurface profile and section views along the dam centerline.
- Characterize subsurface profile and sections for analyses based on existing data.



- Perform preliminary geotechnical analyses required to advance the alternatives study. Specific analyses will include stability (sliding, overturning) analyses, earthquake stability, under seepage and uplift analyses, and foundation bearing capacity and settlement analyses to the extent required for evaluation of dam alternatives.

### **Task 6: Structural Analysis**

Structural analyses will be performed for evaluation of the short listed alternatives. Thorough evaluation will be made of the existing foundation and piers to ascertain their suitability for use in the alternatives. Obviously the reuse of the existing foundation if possible would be preferred if it fits in the scheme that provides most overall value of the project. Specific activities of structural investigation shall include but not be limited to:

- Detailed inspection of the structures supporting existing bladders to assess their condition.
- Estimation of design forces on the dam alternates for various flood conditions.
- Investigate alternate ways of anchoring new structure to the existing foundation in light of forces associated with each loading condition.
- Approximate failure mode analyses on each alternate.
- Estimate the available capacity of existing dam foundation to resist lateral and uplift forces associated with each alternate. Non-destructive testing may be necessary to get a more precise estimate.
- Constructability of alternate foundation systems and their effect on the overall cost of each alternate.
- Construction staging and methods of alternates in view of the walkway bridge presently under construction.
- Evaluate structural ramifications of disturbance to the lake and the recreational environment caused by various options. List the options that would minimize the disturbance during construction.

### **Task 7: Alternatives Evaluation**

An alternatives study was performed previously and documented in the TTL Downstream Dam Alternatives Study Final Report (URS, 2008). It is our understanding that the City intends to perform a fresh comparative evaluation of all possible alternatives for replacement of the existing rubber dam. As part of this *Phase 1 – Validate Alternatives and Select Dam Technology*, we will revisit the recently completed alternatives study, solicit ideas from other project stakeholders, evaluate the long list of alternatives through the process described below, and select an alternative for design. Specific activities for Phase 1 shall include:

- Preliminary Screening – A one (1) day workshop will be conducted by the project team and selected stakeholders to evaluate the long list of alternatives using



simple advantages and disadvantages tables as they relate to the primary objectives of the project. The long list of alternatives will be developed ahead of time and routed electronically to the project team for review and comment. Additional alternatives will be considered as applicable. A short list of up to 3 project alternatives will be selected during the Preliminary Screening Workshop.

- Development of Conceptual Drawings for the Short List of Alternatives – Based on the results of the workshop we will develop concept renderings for the short list of alternatives.
- Concept level construction cost estimates will be developed for the short list of alternatives
- Maintenance Life Cycle Cost Estimates will be developed for the short list of alternatives
- Failure Modes and Effects Analysis (FMEA) – A workshop will be used to assess the shortlisted alternatives based on possible failure modes and consequences of the short listed dam types.
- Screening for Preferred Alternative – A one (1) day workshop will be conducted to evaluate the short list of alternatives based on refinement the project objectives listed above and any additional criteria identified throughout the project.

***Deliverable:*** The results of the Alternatives Evaluation will be documented in the Alternatives Evaluation Report. The Alternatives Evaluation Report will present the selected alternative. The report will be provided in an electronic copy and two (2) paper copies to the City for review and comment.

**Task 8: Basis of Design Report** – The project objectives stated above and criteria developed during the Alternatives Evaluation will be used to form the basis of design. These factors will be explained and documented in Basis of Design Report.

***Deliverable:*** The Basis of Design Report. The report will be provided in an electronic copy and two (2) paper copies to the City for review and comment.

### **Task 9: Conceptual (15%) Plans**

Concept level (15%) design plans will be prepared for the selected alternative. The 15% plans will show existing and proposed right-of-way, the proposed hydraulic appurtenant structures, and outfall locations. The 15% plans will include a title sheet, general notes (outline), existing conditions sheet, general site plan, plan and profile sheets, appurtenant structures sheet, and a dam details sheets. The 15% plan sheets will be prepared to 22X34 inch format, in AutoCAD at 1"=200' scale. The 15% plans will be developed as follows:

***Deliverable:*** The conceptual (15%) plans of the selected alternative will be submitted to the City for review. Six (6) sets of ½ size plans (11x17 inch) and a PDF electronic copy will be submitted to the City for review and comment. After resolution of review comments, the conceptual plans will be updated and submitted to the City. Six (6) sets



of the final 15% conceptual plans including the drawings in a PDF electronic format will be provided.

**Task 10: Condition Assessment of Upstream (East) Dam**

The upstream dam also consists of four inflatable rubber bladders on a roller-compacted concrete foundation. Recent inspections have shown signs of damage and wear. We will perform a condition assessment consisting of:

- Review of all design, as-built, and other documentation related to the dam.
- Visual inspection of the dam bladders, concrete foundation slab, and appurtenant structures.
- Technical Evaluation Memorandum with repair and maintenance recommendations.

***Deliverable:*** The Upstream Dam Technical Evaluation Memorandum. The Technical Memorandum will be provided in an electronic copy and two (2) paper copies to the City for review and comment.

**Task 11: Site Visits (Allowance)**

This task, which will be treated as an allowance (to be used at the City's discretion) is intended to provide for visits to similar project construction sites and/or to manufacturers to better understand various technologies and to see completed projects to develop a better understanding of the alternatives that are available to Tempe.



TEMPE TOWN LAKE DOWNSTREAM DAM REPLACEMENT PROJECT - PHASE 1  
 CITY OF TEMPE PROJECT NUMBER: 6504221  
 EXHIBIT A - FEE MATRIX

TASK	TASK DESCRIPTION	GANNETT FLEMING									Total Man Hours	Total Fee
		Principal/ Manager	Lead Design Engineer	Principal Engineer	Senior Engineer	Project Engineer	Engineer	Sr. GIS/CADD Designer	GIS/CADD Drafter	Project Admin		
		<i>Dirkee</i> 297	<i>Schweiger</i> 307	<i>Nabar</i> 98	<i>Category</i> 366	<i>Category</i> 547	<i>Category</i> 200	<i>Category</i> 84	<i>Category</i> 389	<i>Category</i> 76		
	Total Hours Rate	\$180.00	\$180.00	\$175.00	\$165.00	\$130.00	\$95.00	\$110.00	\$75.00	\$70.00	2364	
<b>Task 1.0 Project Coordination and Management</b>												
	1.1 Prepare and Update Schedule	16									16	\$2,880.00
	1.2 Progress Meetings (One per month for total of 5)	15	15	4	4	4					42	\$7,280.00
	1.3 Community Meetings (Assume 10 for Phase 1)	48	24								72	\$12,960.00
	1.4 Project Coordination and Management (five months)	60	20			24				24	128	\$19,200.00
	LABOR SUBTOTAL	139	59	4	4	28	0	0	0	24	258	\$42,320.00
	SUBTOTAL	\$25,020	\$10,620	\$700	\$860	\$3,640	\$0	\$0	\$0	\$1,680		
<b>Task 2.0 Public Involvement and Stakeholder Coordination</b>												
	2.1 Assist City with Newsletter and Brochures	8	8					16	24		56	\$6,440.00
	2.2 Assist City with setting up and attending public meetings	16	8								24	\$4,320.00
	2.3 Attend potential partnering meetings	16	4								20	\$3,600.00
	LABOR SUBTOTAL	40	20	0	0	0	0	16	24	0	100	\$14,360.00
	SUBTOTAL	\$7,200	\$3,600	\$0	\$0	\$0	\$0	\$1,760	\$1,800	\$0		
<b>Task 3.0 Data Review and Existing Conditions Assessment</b>												
	3.1 Reconnaissance site visit	16	20	8	24	40					108	\$17,040.00
	3.2 Compile and review data	8	24	8	12	16			8	4	80	\$12,100.00
	3.3 Data search (FCDMC, USACE, ADWR, SRP)					16				4	20	\$2,360.00
	LABOR SUBTOTAL	24	44	16	36	72	0	0	8	8	208	\$31,500.00
	SUBTOTAL	\$4,320	\$7,920	\$2,800	\$5,940	\$9,360	\$0	\$0	\$600	\$560		
<b>Task 4.0 Hydrologic and Hydraulic Analyses</b>												
	4.1 Hydrologic analysis				32		32		16		80	\$9,520.00
	4.2 Hydraulic analysis				60		80		80		220	\$23,500.00
	LABOR SUBTOTAL	0	0	0	92	0	112	0	96	0	300	\$33,020.00
	SUBTOTAL	\$0	\$0	\$0	\$15,180	\$0	\$10,640	\$0	\$7,200	\$0		
<b>Task 5.0 Geotechnical Analysis</b>												
	5.1 Detailed subsurface profile					12	8				20	\$2,320.00
	5.2 Characterization of profile properties				12	16	8				36	\$4,820.00
	5.3 Geotechnical analyses				16	76	68				160	\$18,980.00
	LABOR SUBTOTAL	0	0	0	28	104	84	0	0	0	216	\$26,120.00
	SUBTOTAL	\$0	\$0	\$0	\$4,620	\$13,520	\$7,980	\$0	\$0	\$0		

TASK	TASK DESCRIPTION	Principal/	Lead	Principal	Senior	Project	Engineer	Sr.	GIS/CADD	Project	Total	Total Fee
		Manager	Design	Engineer	Engineer	Engineer	Engineer	GIS/CADD	Drafter	Admin	Man	
		Durkee	Schweiger	Nabar	Category	Category	Category	Category	Category	Category	Hours	
Total Hours		297	307	98	366	547	200	84	369	76	2364	
Rate		\$180.00	\$180.00	\$175.00	\$165.00	\$130.00	\$95.00	\$110.00	\$75.00	\$70.00		
<b>Task 6.0 Structural Analysis</b>												
	6.1 Detailed inspection of structures				8						8	\$1,320.00
	6.2 Estimate design forces				24						24	\$3,960.00
	6.3 Investigate anchoring alternatives				24						24	\$3,960.00
	6.4 Determine failure modes			8	24						32	\$5,360.00
	6.5 Estimate foundation capacity				24						24	\$3,960.00
	6.6 Constructability evaluation			8	16						24	\$4,040.00
	6.7 Construction staging				16						16	\$2,640.00
	6.8 Evaluate disturbance ramifications			8	16						24	\$4,040.00
	LABOR SUBTOTAL	0	0	24	152	0	0	0	0	0	176	\$29,280.00
	SUBTOTAL	\$0	\$0	\$4,200	\$25,080	\$0	\$0	\$0	\$0	\$0		
<b>Task 7.0 Alternatives Evaluation and Report</b>												
	7.1 Preliminary alternatives screening	16	24	10	10	20		16	24		120	\$16,760.00
	7.2 Concept drawings of short list alternatives							16	24		40	\$3,560.00
	7.3 Concept level construction cost estimates		8			16					24	\$3,520.00
	7.4 Maintenance life cycle cost estimates					16	4				20	\$2,460.00
	7.5 Failure modes and effects analysis workshop	16	24	10	10	20		16	24		120	\$16,760.00
	7.6 Screening for preferred alternative workshop	16	24	10	10	20		16	24		120	\$16,760.00
	7.7 Draft Alternatives Evaluation Report		8	4	4	32			24	16	88	\$9,880.00
	7.8 Response to agency (third party) review comments	4	8	4	4	16			16		52	\$6,800.00
	7.9 Final Alternatives Evaluation Report		4			24				8	36	\$4,400.00
	LABOR SUBTOTAL	52	100	38	38	164	4	64	136	24	620	\$80,900.00
	SUBTOTAL	\$3,360	\$18,000	\$6,650	\$6,270	\$21,320	\$380	\$7,040	\$10,200	\$1,680		
<b>Task 8.0 Basis of Design Report</b>												
	8.1 Draft Basis of Design Report	16	24	2	2	4				8	56	\$8,960.00
	8.2 Response to agency (third party) review comments	4	4	4	4	8					24	\$3,840.00
	8.3 Final Basis of Design Report	8	12			4				8	32	\$4,680.00
	LABOR SUBTOTAL	28	40	6	6	16	0	0	0	16	112	\$17,480.00
	SUBTOTAL	\$5,040	\$7,200	\$1,050	\$990	\$2,080	\$0	\$0	\$0	\$1,120		
<b>Task 9.0 Conceptual (15%) Design Plans</b>												
	9.1 Develop Draft Conceptual (15%) Plans					60			74			\$13,350.00
	9.2 Respond to Comments and Quality Control					34			14			\$5,470.00
	9.3 Final Conceptual (15%) Plans					29			29			\$5,945.00
	LABOR SUBTOTAL					123			117			\$24,765.00
	SUBTOTAL	\$0	\$0	\$0	\$0	\$15,990	\$0	\$0	\$8,775	\$0		
<b>Task 10.0 Condition Assessment of the Upstream (East) Dam</b>												
	10.1 Review existing data and reports	8	16	4	4	8					40	\$6,720.00
	10.2 Visual inspection	4	24	4	4	8					44	\$7,440.00
	10.3 Technical Evaluation Memorandum	2	4	2	2	24		4	8	4	50	\$6,200.00
	LABOR SUBTOTAL	14	44	10	10	40	0	4	8	4	134	\$20,360.00
	SUBTOTAL	\$2,520	\$7,920	\$1,750	\$1,650	\$5,200	\$0	\$440	\$600	\$280		
	Total Hours	297	307	98	366	547	200	84	369	76	Total	\$320,105.00

TASK TASK DESCRIPTION

Total Hours  
Rate

Principal/ Manager	Lead Design Engineer	Principal Engineer	Senior Engineer	Project Engineer	Engineer	Sr. GIS/CADD Designer	GIS/CADD Drafter	Project Admin	Total Man Hours	Total Fee
<i>Durkee</i>	<i>Schweiger</i>	<i>Nabar</i>	<i>Category</i>	<i>Category</i>	<i>Category</i>	<i>Category</i>	<i>Category</i>	<i>Category</i>	2364	
297	307	98	366	547	200	84	389	76		
\$180.00	\$180.00	\$175.00	\$165.00	\$130.00	\$95.00	\$110.00	\$75.00	\$70.00		

**2. EXPENSE SUMMARY**

Total

Misc Printing, copies, reports	\$500.00
Local Mileage	\$500.00
Courier/FedEx	\$150.00
Miscellaneous Supplies	\$250.00
.....	
<b>Subtotal</b>	<b>\$1,400.00</b>

**TOTAL FEE**

Labor cost Amount of	\$320,105.00	for	Phase 1 Validate Concept & Select Dam Alternative
Allowance TASK.11	\$46,465.75	for	Phase 1 Validate Concept & Select Dam Alternative
Hourly Not to Exceed Amount of	\$366,570.75	for	Phase 1 Validate Concept & Select Dam Alternative
<b>TOTAL</b>	<b>\$367,970.75</b>	<b>Total Contract Amount</b>	