

Memorandum

To: Programs, Projects and Operations Subcommittee
From: Paul Woodward, Water Resources Engineer
Date: June 1, 2007
Re: Additional Professional Services for Papio Reservoir 1 and 3C Preliminary Design/Study

In December 2005, the NRD Board approved a professional services contract with HDR Engineering, Inc. (HDR) to provide a preliminary study of Papio Dam Sites 1 and 3C for a total cost of \$621,907. Since that time, an amendment in the amount of \$98,687.00 was added to the contract in March 2007 to further evaluate the regional reservoir alternative, bringing the total contract cost to \$720,594. Of this total, \$614,042.48 has been billed as of April 28, 2007, leaving \$74,432.77 remaining under the contract.

Also in March, the Subcommittee and Board were updated on several of the originally scoped tasks which have required additional study and additional meetings. These out-of-scope services were documented by HDR in a memo dated March 1, 2007 which is attached along with the original memo provide by staff to the PPO Subcommittee in which the information was reviewed, but no action was recommended.

Since that time, HDR and District staff have reviewed these out-of-scope services, including additional steering committee and public meetings, more detailed hydrologic analysis, one additional flood control alternative, and more detailed land value assessments. These added services are considered justified as they were approved by District management prior to proceeding and were determined necessary to facilitate the most comprehensive and complete study possible. The costs of these additional services is estimated at \$85,079.

In summary, HDR is requesting that these additional services in the amount of \$85,079 be approved as outlined in the enclosed Amendment No. 2, increasing the total maximum contact fee to \$805,673.

Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the proposed Amendment No. 2 to the professional services contract with HDR Engineering, Inc. for the Papio Reservoir Sites 1 and 3C Preliminary Design/Study, increasing the maximum contract fee to \$805,673, subject to changes deemed necessary by the General Manager and approved as to form by District legal counsel.



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June 7, 2007

Sent electronically on June 7, 2007

John Winkler
General Manager
Papio-Missouri River Natural Resources District
8901 S. 154th Street
Omaha, NE 68138-3621

RE: Preliminary Evaluations and Design of Reservoir Sites 1 and 3C
HDR Job Number: 35008
Contract Amendment No. 2

Dear John:

Enclosed is Amendment No. 2 that outlines the additional professional services performed in connection with the evaluation of Reservoir Sites 1 and 3C. This amendment is for the additional public involvement associated with the project, the more detailed hydrologic and hydraulic analyses requested, the analysis of the conservation measures alternative, and the additional economic analysis associated with parcel evaluations. The amended agreement is not to exceed \$805,673 which is the sum of \$621,907 from the original agreement dated January 31, 2006, plus an additional \$98,687 from Amendment No. 1, plus an additional \$85,079 from Amendment No. 2.

Please sign and date both copies of the Agreement. Retain one copy for your records and return the other signed copy for our files. If you have any questions, please contact me at 926-7110 at your convenience.

Very truly yours,

HDR ENGINEERING, INC.

John J. Engel, P.E.
Project Manager

Enclosure

HDR Engineering, Inc.

8804 Indian Hills Drive
Omaha, NE 68114-4098

Phone: (402) 399-1000
Fax: (402) 399-1238
www.hdrinc.com

AMENDMENT NO. 2
AMENDMENT TO AGREEMENT
FOR
ENGINEERING SERVICES

WHEREAS:

HDR ENGINEERING, INC. ("HDR") entered into an Agreement on January 31, 2006 to perform engineering services to prepare preliminary evaluations and preliminary design for Dam Sites 1 and 3C ("Project");

Papio-Missouri River Natural Resources District ("P-MRNRD") desires to amend this Agreement in order for HDR to perform services beyond those previously contemplated;

HDR is willing to amend the agreement and perform the additional engineering services.

NOW, THEREFORE, HDR and P-MRNRD do hereby agree:

The Agreement and the terms and conditions therein shall remain unchanged other than those sections and exhibits listed below;

Exhibit A, "Engineer's Services" shall be amended to include the scope of services presented in Exhibit A1.

Exhibit C, "Payments to Engineer for Services and Reimbursable Expenses" shall be amended to include the fee estimate presented in Exhibit C1.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the day and year written below:

HDR ENGINEERING, INC. ("HDR")

PAPIO-MISSOURI RIVER NATURAL
RESOURCES DISTRICT ("P-MRNRD")

By: _____

By: _____

Its: _____

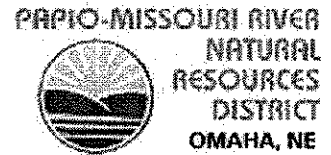
Its: _____

Date: _____

Date: _____

EXHIBIT A1

**Papio-Missouri River Natural Resources District
Additional Services
Sites 1 and 3C in Washington County, NE
Amendment No. 2**



The purpose of this amendment is to address additional services performed in the Study of Reservoir Sites 1 and 3C (Study). Additional services beyond the original contract are identified and referenced to the original contract scope items dated January 31, 2006. Exhibit C1 documents the costs associated with these additional services.

TASK 200 PUBLIC INVOLVEMENT

Due to the level of public interest in the Study, there have been substantial additions to the public involvement scope task. These additional efforts have been necessary and beneficial in reaching a broad range of stakeholders and providing information to the public on the purpose and need for the Study, the methodologies and processes being employed, and to provide a means of two-way communication. Specific additions include:

Subtask 210.2 Communication and Meetings - A total of 6 meetings were originally planned with the Project Steering Committee. A total of 11 meetings have been conducted through June 1, 2007.

Subtask 230.5 Final Public Meeting (Task Added)

An additional public meeting has been added to the project. The first public meeting was an introduction to the project and a means to identify potential impacts that needed to be considered in the study. The second public meeting presented the results of the analysis of project need and alternatives. The third and final public meeting, scheduled for June 21, 2007, will present the findings of the impact analysis of Sites 1 and 3C.

This final public meeting will include the preparation of presentation materials along with boards. It is assumed that the preparation, materials, labor, etc., for the final public meeting will be equivalent to the December 5, 2006 meeting.

Subtask 230.3.1 Education and Informational Materials

A DVD video compilation of project alternatives will be removed from the project scope and fee.

TASK 400 HYDROLOGY/HYDRAULICS ANALYSES

Refinements to the hydrologic and hydraulic models were necessary to better reflect current conditions and accurately determine the existing flood control needs, as well as accurately predict the benefits of the flood control alternatives.

For example, the converted FEMA regulatory hydraulic models originally intended for use in the study do not reflect existing topographic conditions. Better topographic data was available which enabled a more realistic prediction of water surface elevations in addition to serving as the basis for the flood damage assessment.

Task 420 Hydrologic Model Development - The hydrologic model resolution was increased for flexibility during analysis of flood control alternatives, to allow analysis of regional detention structures alternatives, and for consistency of results with the upcoming hydrologic modeling to be completed during the flood hazard remapping of the Big Papillion Creek. The following activities were beyond those identified in the original scope of work:

- Modified the HEC-HMS model prepared for the Stage I Papillion Creek Watershed study to refine the hydrologic parameters for the Big Papillion Creek Watershed in Washington and Douglas Counties to approximately 1 square mile basin areas down to the confluence with Little Papillion Creek (Stage I model typically had 3 to 5 square mile basins). The model resolution was increased for flexibility during analysis of flood control alternatives, to facilitate analysis of regional detention facilities, and for consistency with the upcoming hydrologic modeling to be completed during the remapping of the Big Papillion Creek. Hydrologic parameters were verified by comparing timing, runoff volume, and discharge with the calibrated model prepared for the Stage I hydrologic modeling.
- Multiple storm centerings (approximately 10) according to USACE and FEMA methodology were used to accurately determine peak discharges along Big Papillion Creek from Nebraska Highway 36 to the confluence with Little Papillion Creek for “with” and “without” project conditions for the 10-, 25-, 50-, and 100-year storm events.

Task 440 Hydraulic Model Development - The existing regulatory hydraulic model consisted of various parts of 4 different HEC-2 models, all containing outdated topography. A new HEC-RAS model using current topography was developed for increased accuracy of flood control alternative analyses and to ensure consistency of results with the upcoming hydraulic modeling to be completed during the flood hazard remapping of the Big Papillion Creek. The following activities were beyond those identified in the original scope of work:

- Developed a new HEC-RAS model for the reach of Big Papillion Creek from Nebraska Highway 36 to the confluence with Little Papillion Creek. Utilized 2004/2005 LIDAR topographic and aerial photographic data for defining the channel geometry, floodplain parameters, and associated hydraulic parameters including Manning's 'n' values, obstructions, and ineffective flow areas.
- Performed field reconnaissance to verify hydraulic model parameters such as ineffective flow boundaries, Mannings' roughness coefficients, and obstructions.
- Performed reconnaissance level field measurements of approximately 30 bridges along Big Papillion Creek. Used field measurements along with existing regulatory Flood Insurance Study hydraulic model data, CLOMR and LOMR data to incorporate bridge information and associated hydraulic parameters into HEC-RAS model.

TASK 700 ENVIRONMENTAL EVALUATION

Task 760 Flood Control Alternatives Analyses - During the flood control alternative analyses an additional alternative of full implementation of conservation measures was requested by the Steering Committee and included in the analysis. The impact of conservation measures was also a question raised often during the public meetings. This alternative was in addition to the four listed below that were included in the original scope of work:

- Multiple small detention cells
- Flood conveyance improvements
- Floodplain acquisition – evaluated regulatory, existing and future land use conditions.
- Reservoir Sites 1 and 3C scenarios

TASK 800 PROJECT ECONOMICS

Subtask 820.1 Flood Control Benefits - The following economic activities were beyond those identified in the scope of work:

- Floodplain parcel evaluation – a parcel by parcel evaluation was used in the flood control benefit analysis as assessed values were developed rather than a per acre metric as was originally defined in the scope. This was necessary to more accurately depict alternative costs and flood control benefits.
- Land value assessment – The costs associated with each alternative were evaluated based on an evaluation of each individual parcel assessment that may be impacted. In addition, additional research and analysis on recent comparable sales data was conducted to obtain a better land valuation estimate over the assessor's records for use in evaluating alternative costs.

EXHIBIT C1

Article 2 of the Agreement is amended and supplemented to include the following agreement of the parties:

C2.01 Compensation for Basic Services – Direct Labor Costs Times a Factor Method of Payment.

A.1. An amount equal to Engineer's Direct Labor Costs times a factor of 3.15 for the services of Engineer's employees engaged on the Project, plus Reimbursable Expenses, provided however, and notwithstanding anything to the contrary contained in this Agreement, the total amount of money due to ENGINEER for such services and for Reimbursable Expenses and Engineer's Consultant's charges shall not exceed the amount of \$805,673, which is computed as the sum of (\$621,907) from the original Agreement, plus an additional (\$98,687) from Amendment No. 1, plus an additional (\$85,079) from this Amendment #2, unless an additional payment for the services, expenses or charges being furnished, expended, or incurred, the amount of \$805,673, which is computed as the sum of (\$621,907) from the original Agreement, plus an additional (\$98,687) from Amendment No. 1, plus an additional (\$85,079) from this Amendment No. 2 being intended by the parties as the maximum amount of money be due to the Engineer under this Agreement.

A.2. The fee schedule is attached to this Exhibit C1 as Attachment A.

ATTACHMENT 'A'
PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT
PRELIMINARY DESIGN OF RESERVOIR SITES 1 AND 3C
ADDITIONAL SERVICES AMENDMENT NO. 2 - FEE ESTIMATE

TARIKS	Project No.	Project Name	HQR Engineering, Inc. Estimated Hourly Costs						Senior Engineer	Mid-Level	Tech Support	Chief	Expenses							Sub-Consultant Estimated Costs					Ext. Total Cost											
			Project Manager	20	40	40	40	20					Total Hours	Total Labor Cost	Test. Fee	Printing	Travel	Misc.	Total Equipment	Total HDR	LRA	Big Muddy	R. Donohue	Ayers Kohler		Total Sub-Consult										
TASK SERIES 200 - PUBLIC INVOLVEMENT																																				
Task 210.2	201	Communication and Meetings				24	40	40							16	160	\$4,546	\$725	\$2,050					\$2,875	\$18,617											\$18,617
Task 230.4	40	Final Public Meeting (Task Added)				40		20							20			\$2,050					\$2,050	\$1,600												\$3,250
Task 230.3.1	60	Education and Informational Materials (Genus)				64	40								32	282	\$8,768	\$1,758	\$2,000	\$0			\$3,558	\$40,744	\$0										\$44,262	
TASK SERIES 600 - HYDROLOGICAL ANALYSES																																				
Task 620	8	Hydrologic Model Development				12	4								144	\$16,896	\$590							\$590	\$16,400											\$17,990
Task 640	16	Hydrologic Model Development				16	4								144	\$16,896	\$590							\$590	\$16,400											\$17,990
TASK SERIES 700 - ENVIRONMENTAL EVALUATION																																				
Task 710	8	Flood Control Risk Assessment Analysis				8	6								64	\$8,464	\$244							\$244	\$8,220											\$8,464
		Estimated Test Cost Subtotal													84	\$8,072	\$385						\$385	\$7,687											\$7,687	
TASK SERIES 800 - ECONOMIC ANALYSES																																				
Task 820.1	4	Flood Control Benefits				4	2								24	\$2,880	\$84							\$84	\$2,796											\$2,796
		Estimated Test Cost Subtotal													24	\$2,880	\$84							\$84	\$2,796											\$2,796
TOTAL COST (includes 111,111)															224	\$27,240	\$724						\$724	\$26,516											\$26,516	

(1) Includes administrative fees for sub-consultants and expenses (except herein, fee) @

Memorandum

To: Programs, Projects and Operations Subcommittee
From: Paul Woodward, Water Resources Engineer
Date: March 2, 2007
Re: Additional Professional Services for Papio Reservoir 1 and 3C Preliminary Design/Study

In December 2005, the NRD Board approved a professional services contract with HDR Engineering, Inc. (HDR) to provide a preliminary study of Papio Dam Sites 1 and 3C for a total cost of \$621,907. Since that time, HDR has completed a majority of the services it was tasked to perform. A total of \$543,946.48 has been billed as of February 3, 2007, leaving \$77,960.52 remaining under the contract. These completed tasks include putting together a Public Involvement Plan, analyzing flood control needs, comparing alternatives, and evaluating costs and benefits. As the study has progressed, several of these tasks have required additional study and additional meetings.

HDR has submitted the enclosed memo dated March 1, 2008 which identifies services which have been or will be provided and were not included within the original contract and scope. These out-of-scope services include additional steering committee and public meetings, more detailed hydrologic analysis, one additional flood control alternative, and more detailed land value assessments. These added services were discussed with Management prior to proceeding and were determined necessary to facilitate the most comprehensive and complete study possible.

At this point, this information is being provided for your review. As with past professional services contracts, there may be opportunities prior to completion to offset some of the costs (\$94,649) of these added services. Within the next couple months, HDR and District staff will review services yet to be provided and determine if efficiencies can be realized which would help offset additional services necessary.

In conclusion, HDR has or will be providing professional services not originally scoped in order to successfully complete the Papio Reservoir Site 1 and 3C Preliminary Study. Future tasks within the contract will be closely monitored for ways to conserve costs; however, an amendment to the contract may be brought to the subcommittee and Board for their consideration in order to cover the costs for additional services.

To: Paul Woodward, P-MRNRD	
From: John Engel, Project Manager	Project:
CC: File	
Date: March 1, 2007	Job No:

**RE: Study of Reservoir Sites 1 and 3C
Additional Services Update**

The purpose of this memo is to provide an update on the status of additional services performed to date in the Study of Reservoir Sites 1 and 3C (Study). Additional services beyond the original contract, and associated costs, for these additional services are identified below and referenced to the original contract scope items dated January 31, 2006. Attachment A documents the costs associated with these additional services.

TASK 200 PUBLIC INVOLVEMENT

Due to the level of public interest in the Study, there have been substantial additions to the public involvement scope task. These additional efforts have been necessary and beneficial in reaching a broad range of stakeholders and providing information to the public on the purpose and need for the Study, the methodologies and process being employed, and to provide a means of two-way communication. Specific additions include:

Subtask 210.2 Communication and Meetings - A total of 6 meetings were originally planned with the Project Steering Committee. A total of 8 meetings have been conducted through January 19, 2007, and an additional 2 are planned.

Subtask 230.5 Final Public Meeting (Task Added)

An additional public meeting was added to the project. The first public meeting was an introduction to the project and a means to identify potential impacts that needed to be considered in the study. The second public meeting presented the results of the analysis of project need and alternatives. The third and final public meeting, currently scheduled for May 2007, will present the findings of the impact analysis of Sites 1 and 3C. Prior to the public meeting, the P-MRNRD will be briefed on the Study findings. This final public meeting will include the preparation of presentation materials along with boards. It is assumed that the materials, labor, etc., for the final public meeting will be equivalent to the December 5, 2006 meeting.

TASK 400 HYDROLOGY/HYDRAULICS ANALYSES

Refinements to the hydrologic and hydraulic models were necessary to better reflect current conditions and accurately determine the existing flood control needs, as well as accurately predict the benefits of the flood control alternatives. For example, the converted FEMA regulatory hydraulic models do not reflect existing topographic conditions. Better topographic data was available which enabled us to predict more realistic water surface elevations in addition to serving as the basis for the flood damage assessment.

Task 420 Hydrologic Model Development - The hydrologic model resolution was increased for flexibility during analysis of flood control alternatives, to allow analysis of regional detention structures alternatives, and for consistency of results with the upcoming hydrologic modeling to be completed during the flood hazard remapping of the Big Papillion Creek. The following activities were beyond those identified in the original scope of work:

- Modified the HEC-HMS model prepared for the Stage I Papillion Creek Watershed study to refine the hydrologic parameters for the Big Papillion Creek Watershed in Washington and Douglas

Counties to approximately 1 square mile basin areas down to the confluence with Little Papillion Creek (Stage I model typically had 3 to 5 square mile basins). The model resolution was increased for flexibility during analysis of flood control alternatives, to facilitate analysis of regional detention facilities, and for consistency with the upcoming hydrologic modeling to be completed during the remapping of the Big Papillion Creek. Hydrologic parameters were verified by comparing timing, runoff volume, and discharge with the calibrated model prepared for the Stage I hydrologic modeling.

- Multiple storm centerings (approximately 10) according to USACE and FEMA methodology were used to accurately determine peak discharges along Big Papillion Creek from Nebraska Highway 36 to the confluence with Little Papillion Creek for “with” and “without” project conditions for the 10-, 25-, 50-, and 100-year storm events.

Task 440 Hydraulic Model Development - The existing regulatory hydraulic model consisted of various parts of 4 different HEC-2 models, all containing outdated topography. A new HEC-RAS model using current topography was developed for increased accuracy of flood control alternative analyses and to ensure consistency of results with the upcoming hydraulic modeling to be completed during the flood hazard remapping of the Big Papillion Creek. The following activities were beyond those identified in the original scope of work:

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- Performed reconnaissance level field measurements of approximately 30 bridges along Big Papillion Creek. Used field measurements along with existing regulatory Flood Insurance Study hydraulic model data, CLOMR and LOMR data to incorporate bridge information and associated hydraulic parameters into HEC-RAS model.

TASK 700 ENVIRONMENTAL EVALUATION

Task 760 Flood Control Alternatives Analyses - During the flood control alternative analyses an additional alternative of full implementation of conservation measures was requested by the Steering Committee and included in the analysis. The impact of conservation measures was also a question raised often during the public meetings. This alternative was beyond the four listed below that were included in the original scope of work:

- Multiple small detention cells
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- Reservoir Sites 1 and 3C scenarios

TASK 800 PROJECT ECONOMICS

Subtask 820.1 Flood Control Benefits - The following activities were beyond those identified in the scope of work:

- Floodplain parcel evaluation – a parcel by parcel evaluation was used in the flood control benefit analysis as assessed values were developed rather than a per acre metric. This was necessary to more accurately depict alternative costs and flood control benefits.
- Land value assessment – The costs associated with each alternative were evaluated based on an evaluation of each individual parcel assessment that may be impacted. In addition, additional research and analysis on recent comparable sales data was conducted based on public concern and to obtain a better land valuation estimate over the assessor's records.

TASKS	HDR Engineering, Inc. Estimated Hours/Costs													Expenses						Sub-Consultant Estimated Costs						Est. Total Cost
	Project Principal	Project Manager	Senior Specialist	Senior Engineer	Mid-Senior Engineer	Mid-Level Support	Tech Support	Chemical	Total Hour	Total Labor Cost	Tech. Fee	Printing	Travel	Misc.	Total Expenses (1)	Total HDR	LRA	Big Mundy	R. Donovan	Alvess Kabler	Total Sub-Consult.					
TASK SERIES 200 - PUBLIC INVOLVEMENT:																										
Task 210.2 Communication and Meetings	2	20	0	24	16	16	0	16	16	82	\$12,240	\$377			\$377	\$12,617					\$0	\$12,617				
Task 220.5 Final Public Meeting (Task 200)	2	40	0	40	24	40	20	16	160	190	\$24,548	\$779			\$2,979	\$27,527			\$7,000	\$2,500	\$3,950	\$37,977				
Task 420 Estimated Task Hours Subtotal	4	60	0	64	40	64	20	32	280	332	\$36,788	\$1,156			\$3,956	\$40,744	\$0		\$7,000	\$2,500	\$3,950	\$49,194				
Task 430 Estimated Task Cost Subtotal	4	\$9,000	\$0	\$11,328	\$5,960	\$9,720	\$1,440	\$1,856	\$22,208	\$27,688	\$3,112	\$0	\$0	\$0	\$3,956	\$31,644	\$0	\$0	\$7,000	\$2,500	\$3,950	\$45,144				
TASK SERIES 400 - HYDROLOGIC/HYDRAULIC ANALYSES:																										
Task 420 Hydrologic Model Development	0	0	0	12	4	100	20	20	144	144	\$18,860	\$580			\$580	\$19,440					\$0	\$19,440				
Task 430 Hydraulic Model Development	0	0	0	12	4	80	40	40	288	288	\$36,288	\$1,156			\$1,156	\$37,444					\$0	\$37,444				
Task 440 Estimated Task Hours Subtotal	0	0	0	24	8	180	60	60	432	432	\$55,148	\$1,736			\$1,736	\$56,884					\$0	\$56,884				
Task 450 Estimated Task Cost Subtotal	0	\$2,400	\$0	\$4,248	\$1,192	\$18,900	\$4,320	\$0	\$288	\$37,068	\$1,156	\$0	\$0	\$0	\$1,156	\$38,224					\$0	\$38,224				
TASK SERIES 700 - ENVIRONMENTAL EVALUATION:																										
Task 700 Flood Control Alternatives Analysis	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 710 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 720 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 730 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 740 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 750 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 760 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 770 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 780 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 790 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 800 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 810 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 820 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 830 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 840 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 850 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 860 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 870 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 880 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 890 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
Task 900 Flood Control Damages	0	0	0	0	0	0	0	0	0	0	\$0	\$0			\$0	\$0					\$0	\$0				
TOTAL COST (ROUNDED)	\$464	\$13,200	\$0	\$17,648	\$7,192	\$34,440	\$10,944	\$1,856	1,744	\$56,424	\$3,217	\$3,900	\$100	\$0	\$5,977	\$60,298	\$0	\$7,500	\$0	\$2,500	\$3,950	\$74,848				

(1) Includes administrative fee for sub-consultants and expenses (except tech. fee) @ 10%