

A G E N D A
GRANT COUNTY PUBLIC UTILITY DISTRICT
Via Conference Call
+1 509-703-5291 Conference ID: 627 899 217#
COMMISSION MEETING
Tuesday, March 8, 2022

An Executive Session may be called at any time for purposes authorized
by the Open Public Meetings Act

9:00 a.m. Commission Convenes

9:30 a.m. Reports from staff

12:00 Noon Lunch

1:00 p.m. Safety Briefing
Pledge of Allegiance
Attendance
Public requests to discuss agenda items/non-agenda items
Correspondence
Business Meeting

1. Consent Agenda

Approval of Vouchers

Meeting minutes of February 22, 2022

2. Regular Agenda

8988 – Resolution Pre-Qualifying Contractors to Perform Electrical Work for Grant PUD.

Motion authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 6 to Contract 430-07424A with Gannett Fleming, Inc., increasing the not-to-exceed contract amount by \$225,000.00 for a new contract total of \$3,700,000.00 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 6. (3397)

Motion authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 6 to Contract 430-07424C with Cornforth Consultants, Inc., increasing the not-to-exceed contract amount by \$1,200,000.00 for a new contract total of \$5,300,000.00 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 6. (3398)

3. Review Items For Next Business Meeting

XXXX – Resolution Adopting Regulatory Accounting for Actuarial Changes to Pension Expense.

XXXX – Resolution Supporting the Carbon-Free and Environmental Stewardship Benefits of Northwest Hydropower, Including the Lower Snake River Dams.

Motion authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 5 to Contract 130-09724 with Quanta Infrastructure Solutions Group, LLC increasing the not-to-exceed contract amount by \$13,350,943.00 for a new contract total of \$71,513,194.26 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 5. (xxxx)

Motion authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 7 to Contract 430-3217 with MacKay and Sposito, Inc., increasing the not-to-exceed contract amount by \$3,945,634.13 for a new contract total of \$12,203,271.13 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 7. (xxxx)

4. Calendar

5. Reports from Staff (if applicable)

Adjournment

CONSENT AGENDA

Draft – Subject to Commission Review

REGULAR MEETING OF PUBLIC UTILITY DISTRICT NO. 2 OF GRANT COUNTY

February 22, 2022

The Commission of Public Utility District No. 2 of Grant County, Washington, convened at 9:00 a.m. via Microsoft Teams Meeting / +1 509-703-5291 Conference ID: 627 899 217# with the following Commissioners present: Judy Wilson, President; Nelson Cox, Vice-President; Tom Flint, Secretary; Terry Pyle, Commissioner and Larry Schaapman, Commissioner (am session only).

The Commission convened to review vouchers and correspondence.

A round table discussion was held regarding the following topics: appreciation was expressed to crews for quickly restoring an outage overnight in the Warden area; public comment expected from Marlin residents regarding substation development and timeline; update from recent Grant County Farm Bureau Board meeting; update from WPUDA instructor regarding in person attendance at Board meetings; customer service irrigation policies; policies related to name changes and disconnects associated with rental properties; Commission request to participate in the re-entry committee; Commission expressed support for the Northwest River Partners *Our Power is Water* and *Lower Snake River Campaigns*; and request for executive session regarding recent Voith personnel issues at Priest Rapids Dam.

Craig Bressan, Senior Manager of Safety, reviewed the Safety Report.

Julie Pyper, Senior Manager of PMO, provided a PMO Report.

Ross Hendrick, Senior Manager of Environmental Affairs, provided a Real Estate Update.

Rich Wallen, GM/CEO, and Mitch Delabarre, GC/CLO, reviewed delegation Resolution Nos. 8608 and 8609. The Commission were in agreement with delegations as currently written and approved. Further discussion will be held to review the comprehensive Grant PUD Purchase Authorization Table.

Trade association and committee reports were reviewed.

The Commission attended a lunch meeting with Grant County Commissioners.

Motion was made by Mr. Cox and seconded by Mr. Flint excusing the absence of Commissioner Schaapman from the afternoon session.

Consent agenda motion was made Mr. Flint and seconded by Mr. Cox to approve the following consent agenda items:

Payment Number	118619	through	118991	\$21,936,853.84
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Payroll Direct Deposit	191929	through	192650	\$2,021,252.08
Payroll Tax and Garnishments	20220209A	through	20220209B	\$875,168.14

Meeting minutes of February 8, 2022.

After consideration, the above consent agenda items were approved by unanimous vote of the Commission.

Motion was made by Mr. Flint and seconded by Mr. Cox removing Resolution No. 8982 from the table. After consideration, the motion was approved by unanimous vote of the Commission.

Resolution No. 8982 relative to amending the Governance Policy was presented to the Commission. Motion was made by Mr. Cox and seconded by Mr. Flint to approve Resolution No. 8982. After consideration, the motion passed by unanimous vote of the Commission.

RESOLUTION NO. 8982

A RESOLUTION AMENDING THE GOVERNANCE POLICY AND SUPERSEDING PRIOR RESOLUTIONS RELATING TO GOVERNANCE OF GRANT PUD

Recitals

1. Grant PUD has a Governance Policy adopted August 31, 2009 by Resolution No. 8402, and as amended by Resolution Nos. 8517, 8708, 8815, 8918 and 8963; and
2. Grant PUD has reviewed and desires to update its Governance Policy.

NOW, THEREFORE, BE IT RESOLVED by the Commissioners of Public Utility District No. 2 of Grant County, Washington:

Section 1. The Public Utility District No. 2 of Grant County, Washington Governance Policy (the "Governance Policy") attached as Exhibit A is hereby approved and adopted as the official governance policy of Grant PUD.

Section 2. Any prior resolutions inconsistent with the Governance Policy adopted herein are superseded to the extent of the inconsistency.

PASSED AND APPROVED by the Commission of Public Utility District No. 2 of Grant County, Washington, this 22nd day of February 2022.

Resolution No. 8986 relative to awarding a contract was presented to the Commission. Motion was made by Mr. Flint and seconded by Mr. Cox to approve Resolution No. 8986. After consideration, the motion passed by unanimous vote of the Commission.

RESOLUTION NO. 8986

A RESOLUTION ACCEPTING A BID AND AWARDING CONTRACT 130-11080R, FOR DISTRIBUTION LINE TREE TRIMMING AND REMOVAL SERVICES TO DECEMBER 31, 2022

Recitals

1. Bids were publicly opened on January 5, 2022 for Contract 130-11080R, for Distribution Line Tree Trimming and Removal Services to December 31, 2022;
2. Bid proposals were received from the following suppliers/contractors and evaluated by Grant PUD's staff;
 - Basin Tree Service & Pest Control, Inc. \$2,460,400.00
3. The low bid, submitted by Basin Tree Service & Pest Control, Inc. is both commercially and technically compliant with Grant PUD's contract requirements;
4. The bid is less than the Engineer's Estimate of \$2,337,170.00 plus 15%; and
5. Grant PUD's Senior Manager of Power Delivery Construction Maintenance and Interim Chief Operating Officer concur with staff and recommend award to Basin Tree Service & Pest Control, Inc. as the lowest responsible and best bid based on Grant PUD's plan and specifications.

NOW, THEREFORE, BE IT RESOLVED by the Commission of Public Utility District No. 2 of Grant County, Washington, that the General Manager is authorized to enter into a contract, Contract 130-11080R, for Distribution Line Tree Trimming and Removal Services to December 31, 2022 with Basin Tree Service & Pest Control, Inc. of Ephrata, Washington in the amount of \$2,460,400.00 plus applicable sales tax, upon receipt of the required payment and performance bond in a manner satisfactory to Grant PUD's Counsel.

PASSED AND APPROVED by the Commission of Public Utility District No. 2 of Grant County, Washington, this 22nd day of February, 2022.

Resolution No. 8987 relative to awarding a contract was presented to the Commission. Motion was made by Mr. Cox and seconded by Mr. Flint to approve Resolution No. 8987. After consideration, the motion passed by unanimous vote of the Commission.

RESOLUTION NO. 8987

A RESOLUTION ACCEPTING A BID AND AWARDING CONTRACT 130-11131H, FOR DOCK CREW 2022-2023

Recitals

1. Bids were publicly opened on December 15, 2021 for Contract 130-11131H, for Dock Crew 2022-2023;

2. Bid proposals were received from the following suppliers/contractors and evaluated by Grant PUD's staff;

• Potelco, Inc.	\$13,394,123.80
• Wilson Construction Company	\$13,546,413.20
• Palouse Power LLC	\$13,610,361.40
• Magnum Power, LLC.	\$15,694,460.00
• Titan Electric Inc.	\$15,878,044.60
• International Line Builders, Inc.	\$16,035,419.20
• Sturgeon Electric	\$16,775,294.00
• Michels Pacific Energy, Inc.	\$23,052,237.70
3. The low bid, submitted by Potelco, Inc. is both commercially and technically compliant with Grant PUD's contract requirements;
4. The bid is less than the Engineer's Estimate of \$21,735,412.80; and
5. Grant PUD's Senior Manager of Power Delivery Construction Maintenance and Interim Chief Operating Officer concur with staff and recommend award to Potelco, Inc. as the lowest responsible and best bid based on Grant PUD's plan and specifications.

NOW, THEREFORE, BE IT RESOLVED by the Commission of Public Utility District No. 2 of Grant County, Washington, that the General Manager is authorized to enter into a contract, Contract 130-11131H, for Dock Crew 2022-2023 with Potelco, Inc. of Sumner, Washington in the amount of \$13,394,123.80 plus applicable sales tax, upon receipt of the required payment and performance bond in a manner satisfactory to Grant PUD's Counsel.

PASSED AND APPROVED by the Commission of Public Utility District No. 2 of Grant County, Washington, this 22nd day of February, 2022.

Motion was made by Mr. Cox and seconded by Mr. Flint authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 13 to Contract 430-08051 with ADT Commercial LLC, increasing the not-to-exceed contract amount by \$218,102.85 for a new contract total of \$1,928,895.44 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 13. After consideration, the motion passed by unanimous vote of the Commission.

The Commissioners reviewed future agenda items.

The Commission calendar was reviewed.

Terry McKenzie, Senior Manager of Customer Solutions and Taffy Courteau, Customer Solutions Supervisor, provided an update on Customer Service Policies relative to irrigation, customer disconnects and name changes on rental properties.

An executive session was announced at 2:00 p.m. to last until 2:30 p.m. to review performance of a public employee with legal counsel present pursuant to RCW 42.30.110(1)(g). The executive session concluded at 2:30 p.m. and the regular session resumed.

An additional executive session was announced at 2:30 p.m. to last until 3:30 p.m. to review performance of a public employee pursuant to RCW 42.30.110(1)(g). The executive session concluded at 3:30 p.m. and the regular session resumed.

There being no further business to discuss, the February 22, 2022 meeting officially adjourned at 3:30 p.m.

Judy Wilson, President

ATTEST:

Tom Flint, Secretary

Nelson Cox, Vice President

Terry Pyle, Commissioner

Larry Schaapman, Commissioner

REGULAR AGENDA

RESOLUTION NO. 8988

A RESOLUTION PRE-QUALIFYING CONTRACTORS TO PERFORM ELECTRICAL WORK FOR
GRANT PUD

Recitals

1. RCW 54.04.085 requires that contractors be pre-qualified to do electrical work for Grant PUD, and pursuant thereto, contractors listed in Appendix A have filed applications for pre-qualification with Grant PUD;
2. Grant PUD's staff have reviewed all applications and their recommendations with respect to the same are set forth in Appendix A attached hereto;
3. Grant PUD's staff recommend rejection of certain contractor pre-qualification requests, and Grant PUD's General Manager concurs with those recommendations; and
4. The Commission has reviewed and considered the recommendations of Grant PUD's staff.

NOW, THEREFORE, BE IT RESOLVED by the Commission of Public Utility District No. 2 of Grant County, Washington, that:

Section 1. The various contractor requests received by Grant PUD for pre-qualification are hereby approved and rejected as set forth in Appendix A attached hereto.

Section 2. For these contractors who are pre-qualified as set forth in Appendix A, they shall each designate their employees, and/or subcontractors with electrical contract licenses prior to performing any electrical work for Grant PUD requiring the same.

PASSED AND APPROVED by the Commission of Public Utility District No. 2 of Grant County, Washington, this 8th day of March, 2022.

Judy Wilson, President

ATTEST:

Tom Flint, Secretary

Nelson Cox, Vice President

Terry Pyle, Commissioner

Larry Schaapman, Commissioner

2022 PREQUALIFICATION EVALUATION As Applied							Summit Line Const. A Quanta Services Co.	Tice Electric Co			
Appendix A	Aubrey Silvey Inc	Black & Veatch Const Inc	Burke Electric LLC	KVA Electric Inc	NASS	Power City Electric					
Requested \$\$ Amount in Millions	70	500	30	5	3	15	20	25			
A. DISTRIBUTION (up to 15kV):											
a. Hot work - Overhead Line Construction and Maintenance						Accepted	Accepted				
b. Overhead Construction						Accepted	Accepted	Accepted			
c. Underground - Primary (15kV) Cable and Equipment Installation			Accepted			Accepted	Accepted	Accepted			
d. Underground - Secondary (up to 600V) Cable and Equip. Installation						Accepted	Accepted	Accepted			
e. Hot work - Underground Cable System Construction and Maintenance						Accepted	Accepted	Accepted			
f. Plowing - Electrical Power Cable							Accepted				
g. Plowing - Electrical Conduit							Accepted				
h. Trenching - Electrical Conduit			Accepted			Accepted	Accepted	Accepted			
i. Pipe Pushing and Directional Boring							Accepted				
B. TRANSMISSION (115kV TO 230kV):											
a. Hot work - Overhead Line Construction and Maintenance							Accepted				
b. Wood Pole							Accepted	Accepted			
c. Lattice Tower							Accepted	Accepted			
d. Steel, Concrete or Laminated Poles							Accepted	Accepted			
e. Stringing & Sagging Conductor							Accepted	Accepted			
C. SUBSTATION DE-ENERGIZED CONSTRUCTION:											
a. Excavation	Accepted	Accepted		Accepted		Accepted	Accepted	Accepted			
b. Concrete Foundations	Accepted	Accepted		Accepted		Accepted	Accepted	Accepted			
D. SUBSTATION ENERGIZED CONSTRUCTION:											
a. Excavation	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted			
b. Concrete Foundations	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted			
c. Complete installation	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted			
d. Installation and Field Wiring of Fabricated Panels	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted			
e. Power Transformer Assembly and Testing	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted			
f. Power Transformer Vacuum Oil Filling	Accepted			Accepted			Accepted				
E. SUBSTATION ENERGIZED MAINTENANCE:											
a. Maintenance of Power Transformer and LTC's	Accepted			Accepted	Accepted		Accepted				
b. Maintenance of High Voltage Breakers (115 and 230 kV)	Accepted			Accepted	Accepted		Accepted				
c. Substation Elec. Acceptance Testing, Field Testing and Commissioning	Accepted			Accepted	Accepted						
d. Power Transformer Assembly, Oil Processing and Testing	Accepted			Accepted	Accepted		Accepted				
e. Power Transformer Vacuum Oil Filling	Accepted			Accepted	Accepted		Accepted				
F. LIGHTING:											
a. Street Lighting Installation							Accepted	Accepted			
b. Street Lighting Maintenance							Accepted				
G. STORM AND EMERGENCY RESPONSE (for categories listed above):	Accepted					Accepted	Accepted				

2022 PREQUALIFICATION EVALUATION With Modification Appendix A	Cannon Constructors LLC	Cascade Cable Constructors Corp	DJ's Electrical	Dynalectric An Emcor Group Inc Co	EC Source Services LLC A Mastec Inc Company	Elctrical Reliability Services A Vertiv Group	Great Southwestern Construction	Henkels & McCoy Inc	International Line Builders	JH Kelly LLC	
Requested \$\$ Amount in Millions	25	10	5	2	2.5B	6	500	500	40	175	
A. DISTRIBUTION (up to 15kV):											
a. Hot work - Overhead Line Construction and Maintenance	x		Accepted		Accepted		Accepted	Accepted	Accepted		
b. Overhead Construction	x		Accepted		Accepted		Accepted	Accepted	Accepted		
c. Underground - Primary (15kV) Cable and Equipment Installation	x		Accepted	Accepted	Accepted		Accepted	Accepted	Accepted	Accepted	
d. Underground - Secondary (up to 600V) Cable and Equip. Installation	x		Accepted	Accepted	Accepted		Accepted	Accepted	Accepted	Accepted	
e. Hot work - Underground Cable System Construction and Maintenance	x		Accepted		Accepted		Accepted	Accepted	Accepted	Accepted	
f. Plowing - Electrical Power Cable		Accepted	Accepted		Accepted			Accepted	Accepted		
g. Plowing - Electrical Conduit	x		Accepted		Accepted			Accepted	Accepted		
h. Trenching - Electrical Conduit	x	Accepted	Accepted		Accepted		Accepted	Accepted	Accepted	Accepted	
i. Pipe Pushing and Directional Boring	x	Accepted	Accepted		Accepted			Accepted	Accepted		
B. TRANSMISSION (115kV TO 230kV):											
a. Hot work - Overhead Line Construction and Maintenance	x		Rejected		Accepted		Rejected	Accepted	Accepted		
b. Wood Pole	x		Rejected	Accepted	Accepted		Rejected	Accepted	Accepted		
c. Lattice Tower			Rejected		Accepted		Rejected	Accepted	Accepted		
d. Steel, Concrete or Laminated Poles	x		Rejected		Accepted		Accepted	Accepted	Accepted		
e. Stringing & Sagging Conductor			Rejected	Accepted	Accepted		Accepted	Accepted	Accepted		
C. SUBSTATION DE-ENERGIZED CONSTRUCTION:											
a. Excavation	x	Rejected	Rejected		Accepted		Accepted	Accepted	Rejected		
b. Concrete Foundations	x		Rejected		Accepted			Accepted		Accepted	
D. SUBSTATION ENERGIZED CONSTRUCTION:											
a. Excavation	x		Rejected		Accepted			Accepted	Rejected	Rejected	
b. Concrete Foundations	x		Rejected		Accepted			Accepted			
c. Complete installation			Rejected	Accepted	Accepted		Accepted	Accepted			
d. Installation and Field Wiring of Fabricated Panels	x		Rejected	Accepted	Accepted			Accepted			
e. Power Transformer Assembly and Testing			Rejected	Rejected		Accepted		Rejected			
f. Power Transformer Vacuum Oil Filling			Rejected	Rejected		Rejected		Rejected			
E. SUBSTATION ENERGIZED MAINTENANCE:											
a. Maintenance of Power Transformer and LTC's			Rejected		Accepted	Accepted		Accepted			
b. Maintenance of High Voltage Breakers (115 and 230 kV)			Rejected		Accepted	Accepted	Rejected	Accepted	Rejected		
c. Substation Elec. Acceptance Testing, Field Testing and Commissioning			Rejected	Rejected	Accepted	Accepted		Accepted			
d. Power Transformer Assembly, Oil Processing and Testing			Rejected			Accepted		Rejected			
e. Power Transformer Vacuum Oil Filling			Rejected			Rejected		Rejected			
F. LIGHTING:											
a. Street Lighting Installation	x		Accept						Accepted	Accepted	
b. Street Lighting Maintenance	x		Accept						Accepted		
G. STORM AND EMERGENCY RESPONSE (for categories listed above):											
	x		Accept		Rejected		Rejected	Accepted	Accepted		

2022 PREQUALIFICATION EVALUATION				Palouse Power LLC A Capstone Structures Company	PAR Electric A Quanta Company	Potelco A Quanta Company		Sturgeon Electric Inc an MYR Group Co			
Appendix A With Modification	Magnum Power LLC	Michels Pacific Energy	Mountain Power Const Co				Rokstad Power Inc		Titan Electric	Wilson Const	
Requested \$\$ Amount in Millions	20	500	25	10	500	50	250	250	200	300	
A. DISTRIBUTION (up to 15kV):											
a. Hot work - Overhead Line Construction and Maintenance	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
b. Overhead Construction	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
c. Underground - Primary (15kV) Cable and Equipment Installation	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
d. Underground - Secondary (up to 600V) Cable and Equip. Installation	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
e. Hot work - Underground Cable System Construction and Maintenance	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
f. Plowing - Electrical Power Cable	Accepted	Accepted	Accepted	Accepted		Accepted			Accepted	Accepted	
g. Plowing - Electrical Conduit	Accepted	Accepted	Accepted	Accepted		Accepted			Accepted	Accepted	
h. Trenching - Electrical Conduit	Accepted	Accepted	Accepted	Accepted		Accepted			Accepted	Accepted	
i. Pipe Pushing and Directional Boring	Accepted	Accepted	Accepted	Accepted		Accepted			Accepted	Accepted	
B. TRANSMISSION (115kV TO 230kV):											
a. Hot work - Overhead Line Construction and Maintenance	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
b. Wood Pole	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
c. Lattice Tower	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
d. Steel, Concrete or Laminated Poles	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
e. Stringing & Sagging Conductor	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
C. SUBSTATION DE-ENERGIZED CONSTRUCTION:											
a. Excavation	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted	
b. Concrete Foundations	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted	
D. SUBSTATION ENERGIZED CONSTRUCTION:											
a. Excavation	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted	
b. Concrete Foundations	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted	
c. Complete installation	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	
d. Installation and Field Wiring of Fabricated Panels	Accepted	Accepted	Accepted	Accepted	Rejected	Accepted		Accepted	Accepted	Accepted	
e. Power Transformer Assembly and Testing	Rejected	Rejected		Rejected	Rejected	Accepted		Accepted	Rejected	Accepted	
f. Power Transformer Vacuum Oil Filling	Rejected	Rejected		Rejected	Rejected	Rejected			Rejected	Accepted	
E. SUBSTATION ENERGIZED MAINTENANCE:											
a. Maintenance of Power Transformer and LTC's	Accepted	Accepted		Accepted	Accepted	Accepted	Rejected	Rejected	Rejected	Rejected	
b. Maintenance of High Voltage Breakers (115 and 230 kV)	Accepted	Accepted		Accepted	Accepted	Accepted	Rejected	Rejected	Rejected	Rejected	
c. Substation Elec. Acceptance Testing, Field Testing and Commissioning	Rejected	Rejected	Rejected	Rejected	Rejected	Accepted		Rejected	Rejected		
d. Power Transformer Assembly, Oil Processing and Testing	Rejected	Rejected		Rejected	Rejected	Rejected		Rejected	Rejected		
e. Power Transformer Vacuum Oil Filling	Rejected	Rejected		Rejected	Rejected	Rejected		Rejected	Rejected		
F. LIGHTING:											
a. Street Lighting Installation	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Rejected	Accepted	
b. Street Lighting Maintenance	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Rejected	Accepted	
G. STORM AND EMERGENCY RESPONSE (for categories listed above):											
	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	

2021 PREQUALIFICATION EVALUATION <i>Rejected or Withdrawn</i>	Rejected	Rejected											
Appendix A	Sentry Electrical Group	Mi Tech											
Requested \$\$ Amount in Millions	No Bond Letter	5											
A. DISTRIBUTION (up to 15kV):													
a. Hot work - Overhead Line Construction and Maintenance													
b. Overhead Construction													
c. Underground - Primary (15kV) Cable and Equipment Installation													
d. Underground - Secondary (up to 600V) Cable and Equip. Installation													
e. Hot work - Underground Cable System Construction and Maintenance													
f. Plowing - Electrical Power Cable													
g. Plowing - Electrical Conduit													
h. Trenching - Electrical Conduit													
i. Pipe Pushing and Directional Boring													
B. TRANSMISSION (115kV TO 230kV):													
a. Hot work - Overhead Line Construction and Maintenance													
b. Wood Pole	Rejected	Rejected											
c. Lattice Tower	Rejected												
d. Steel, Concrete or Laminated Poles	Rejected												
e. Stringing & Sagging Conductor	Rejected												
C. SUBSTATION DE-ENERGIZED CONSTRUCTION:													
a. Excavation													
b. Concrete Foundations													
D. SUBSTATION ENERGIZED CONSTRUCTION:													
a. Excavation													
b. Concrete Foundations													
c. Complete installation	Rejected												
d. Installation and Field Wiring of Fabricated Panels													
e. Power Transformer Assembly and Testing													
f. Power Transformer Vacuum Oil Filling													
E. SUBSTATION ENERGIZED MAINTENANCE:													
a. Maintenance of Power Transformer and LTC's													
b. Maintenance of High Voltage Breakers (115 and 230 kV)													
c. Substation Elec. Acceptance Testing, Field Testing and Commissioning	Rejected												
d. Power Transformer Assembly, Oil Processing and Testing													
e. Power Transformer Vacuum Oil Filling													
F. LIGHTING:													
a. Street Lighting Installation													
b. Street Lighting Maintenance													
G. STORM AND EMERGENCY RESPONSE (for categories listed above):	Rejected												

MEMORANDUM

February 1, 2022

TO: Richard Wallen, Interim General Manager

VIA: Jeff Grizzel, Managing Director – Power Delivery / Interim Chief Operating Officer
Jesus Lopez, Senior Manager – Power Delivery Engineering

FROM: Sharon Lucas, Administrative Assistant – Power Delivery Engineering

SUBJECT: 2022 Pre-qualification of Contractors for Electrical Work

Purpose: Recommend approval and/or rejection of contractor applications seeking pre-qualification for electrical work as stated in the various categories listed for the District's Electric System in the 2022 construction year, per RCW 54.04.085.

Discussion: The District completed an annual Pre-Qualification process as required and described in RCW 54.04.085. The District advertised for contractors to be pre-approved for District electric system work for the 2022 construction year. A legal notice was published mid-July in the following:

- Grant County Journal
- Columbia Basin Daily Herald
- Wenatchee World
- Daily Journal of Commerce - Seattle
- Daily Journal of Commerce - Portland
- Spokesman Review
- Tri-City Herald

In addition to the legal notices published, the Pre-Qualification process and application is posted on the District's Contracting ProcureWare website and can be downloaded by Contractors.

Evaluated contractors completed the standard questionnaire and provided a financial statement. Additionally, contractors provided a statement of work experience, list of previous projects including the associated dollars required to complete the jobs, and a list of key employees to substantiate the categories of work in which they applied. The work categories are described in the table below.

WORK CATEGORIES			
A	Distribution (up to 15kV)	E	Substation Energized Maintenance
B	Transmission (115kV to 230kV)	F	Lighting
C	Substation De-energized Construction	G	Storm and Emergency Response
D	Substation Energized Construction		

A group of employees representing Finance, Power Delivery Construction & Maintenance and Power Delivery Engineering reviewed the applications for the requirements specified in RCW 54.04.085, which are: 1) adequate financial resources; 2) necessary experiences by the company and personnel; 3) organization and technical qualification to perform the work; 4) satisfactory record of performance, integrity, judgment, and skills; and 5) be otherwise qualified and eligible to receive a contract award under applicable laws and regulations.

Recommendation: Approve/Reject Contractors for work categories as described below:

- A. The following Pre-qualification Applications are recommended for approval **as applied** within categories and within the maximum amount of work, expressed in dollars, as submitted by the Contractor. The categories are more fully described in Appendix A.

CONTRACTOR	CATEGORIES							\$ Amt Millions
	A	B	C	D	E	F	G	
Aubrey Silvey Inc.			X	X	X		X	70
Black Veatch Construction Inc.			X	X*				500
Burke Electric Inc	X*			X*				30
KVA Electric Inc.			X	X	X			5
NASS					X			3
Power City Electric	X*		X	X*			X	15
Summit Line Const. A Quanta Co	X	X	X	X	X*	X	X	20
Tice Electric Co.	X*	X*	X	X*		X*		25

X = Recommended Approval

*** see Appendix A for complete detail (partial items requested in certain categories)**

- B. The following Pre-qualification Applications are recommended for approval **with modifications** (some work not approved) within the specific work categories as they were submitted by the Applicant. Rejection of categories for the following contractors was based on insufficient information (showing inadequate evidence of experience and technical qualifications) received on the application. Refer to Appendix A for complete detail of all categories:

CONTRACTOR	CATEGORIES							\$ Amt Millions
	A	B	C	D	E	F	G	
Cannon Constructors LLC	X*	X*	X	X*		X	X	25
Cascade Cable Constructors Corp.	X*		R*					10
DJ's Electrical	X	R	R	R	R	X	X	5
Dynaletric An Emcor Group Co.	X*	X*		R*	R*			2
EC Source Services LLC A Mastec Inc Co	X	X	X	X*	X*		R	2.5B
Electrical Reliability Services A Vertiv Co				R*	R*			6
Great Southwestern Construction	X*	R*	X*	X*	R*		R	500
Henkels & McCoy Inc	X	X	X	R*	R*		X	500
International Line Builders	X	X	R*	R*	R*	X	X	40
JH Kelly LLC	X*		X*	R*		X*		175
Magnum Power LLC	X	X	X	R*	R*	X	X	20
Michel's Pacific Energy	X	X	X	R*	R*	X	X	500
Mountain Power Construction Co.	X	X	X	X*	R*	X	X	25
Palouse Power LLC A Capstone Co.	X	X	X	R*	R*	X	X	10
Par Electric A Quanta Co.	X*	X	X	R*	R*	X	X	500
Potelco A Quanta Co.	X	X	X	R*	R*	X	X	50
Rokstad Power Inc	X*	X		X*	R*	X	X	250
Sturgeon Electric Inc. an MYR Co	X*	X	X	X*	R	X	X	250
Titan Electric	X	X	X	R*	R	R	X	200
Wilson Construction	X	X	X	X	R*	X	X	300

A = Approval R = Rejected

*** see Appendix A for complete detail (partial items requested in categories or rejected in certain categories)**

- C. Contractors rejected for the work categories listed below were **rejected** because they failed to provide adequate evidence of experience and technical qualifications in performing the required functions for the specific work category.

CONTRACTOR	CATEGORIES							\$ Amt Millions
	A	B	C	D	E	F	G	
Sentry Electric		R*		R*	R*		R	35
Mi-Tech		R*						5

R= Rejected

*** see Appendix A for complete detail (partial items requested in certain categories)**

Legal Review: see attached e-mail(s).

c: Jesus Lopez
Patrick Bishop
Sharon Lucas

From: [Sharon Lucas](#)
To: [Patrick Bishop](#); [Jesus Lopez](#); [Jeff Grizzel](#)
Cc: [Alicia Reynolds](#)
Subject: RE: Contractor prequalification for electrical facility construction or improvement - RCW 54.04.082 - Legal Review of Draft Commission Memo, Appendix A, & Draft Resolution
Date: Wednesday, February 2, 2022 9:06:41 AM
Attachments: [image002.png](#)

I approve.

Sharon Lucas

Administrative Assistant



Grant PUD | Power Delivery Engineering

P.O. Box 878 | 30 C Street

Ephrata, WA 98823

Cell 253.279.5369

slucas@gcpud.org

From: Patrick Bishop <Pbishop@gcpud.org>
Sent: Wednesday, February 2, 2022 8:55 AM
To: Sharon Lucas <Slucas@gcpud.org>; Jesus Lopez <Jlopez@gcpud.org>; Jeff Grizzel <Jgrizzel@gcpud.org>
Cc: Alicia Reynolds <areynolds@gcpud.org>
Subject: FW: Contractor prequalification for electrical facility construction or improvement - RCW 54.04.082 - Legal Review of Draft Commission Memo, Appendix A, & Draft Resolution

Good morning,

Legal has reviewed the draft Commission Memo and Resolution for the next prequalification of contractors to perform electrical work for the District. Prior to Commission Packet submission, could each of you please provide your approval of the memo by return email? Thank you.

Regards,

Patrick Bishop

Procurement Officer

OFFICE 509.793.1556

EMAIL pbishop@gcpud.org



grantpud.org

From: Mitchell Delabarre <Mdelaba@gcpud.org>
Sent: Wednesday, February 2, 2022 8:27 AM
To: Patrick Bishop <Pbishop@gcpud.org>
Cc: Carol Mayer <Cmayer@gcpud.org>

Subject: Re: Contractor prequalification for electrical facility construction or improvement - RCW 54.04.082 - Legal Review of Draft Commission Memo, Appendix A, & Draft Resolution

The memo and resolution are approved for Commission consideration.
Mitch

From: Patrick Bishop <[Pbishop@gcpud.org](mailto:pbishop@gcpud.org)>

Sent: Tuesday, February 1, 2022 7:08 AM

To: Mitchell Delabarre <Mdelaba@gcpud.org>

Cc: Carol Mayer <Cmayer@gcpud.org>

Subject: Contractor prequalification for electrical facility construction or improvement - RCW 54.04.082 - Legal Review of Draft Commission Memo, Appendix A, & Draft Resolution

Good morning Mitch,

The evaluation of the contractor submitted applications to be prequalified to perform electrical facility construction or improvement on District projects is complete. Can Legal please review the attached draft Commission Memo, Appendix A, and draft Resolution prior to Commission Packet submission? Thank you.

Regards,

Patrick Bishop

Procurement Officer

OFFICE 509.793.1556

EMAIL pbishop@gcpud.org



From: [Jesus Lopez](#)
To: [Patrick Bishop](#); [Sharon Lucas](#); [Jeff Grizzel](#)
Cc: [Alicia Reynolds](#)
Subject: RE: Contractor prequalification for electrical facility construction or improvement - RCW 54.04.082 - Legal Review of Draft Commission Memo, Appendix A, & Draft Resolution
Date: Wednesday, February 2, 2022 9:57:20 AM

I approve.

Thank you,

Jesus Lopez, P.E.
Senior Manager, Power Delivery Engineering
Grant County PUD
Direct: 509.793.1496
Cell: 509.398.2381
E-mail: jlopez@gcpud.org

From: Patrick Bishop <Pbishop@gcpud.org>
Sent: Wednesday, February 2, 2022 8:55 AM
To: Sharon Lucas <Slucas@gcpud.org>; Jesus Lopez <Jlopez@gcpud.org>; Jeff Grizzel <Jgrizzel@gcpud.org>
Cc: Alicia Reynolds <areynolds@gcpud.org>
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Regards,

Patrick Bishop

Procurement Officer

OFFICE 509.793.1556

EMAIL pbishop@gcpud.org



From: [Jeff Grizzel](#)
To: [Patrick Bishop](#)
Cc: [Alicia Reynolds](#); [Jesus Lopez](#); [Sharon Lucas](#)
Subject: RE: Contractor prequalification for electrical facility construction or improvement - RCW 54.04.082 - Legal Review of Draft Commission Memo, Appendix A, & Draft Resolution
Date: Wednesday, February 2, 2022 9:25:13 AM

Approved Pat.

Jeff

From: Patrick Bishop <Pbishop@gcpud.org>
Sent: Wednesday, February 2, 2022 8:55 AM
To: Sharon Lucas <Slucas@gcpud.org>; Jesus Lopez <Jlopez@gcpud.org>; Jeff Grizzel <Jgrizzel@gcpud.org>
Cc: Alicia Reynolds <areynolds@gcpud.org>
Subject: FW: Contractor prequalification for electrical facility construction or improvement - RCW 54.04.082 - Legal Review of Draft Commission Memo, Appendix A, & Draft Resolution

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Regards,

Patrick Bishop

Procurement Officer

OFFICE 509.793.1556

EMAIL pbishop@gcpud.org



grantpud.org

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Regards,

Patrick Bishop

Procurement Officer

OFFICE 509.793.1556

EMAIL pbishop@gcpud.org






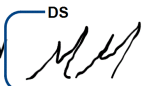

grantpud.org

Motion was made by _____ and seconded by _____ authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 6 to Contract 430-07424A with Gannett Fleming, Inc., increasing the not-to-exceed contract amount by \$225,000.00 for a new contract total of \$3,700,000.00 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 6.

MEMORANDUM**February 7, 2022**

TO: Rich Wallen, Acting General Manager/Chief Executive Officer

VIA: Jeff Grizzel, Interim Chief Operations Officer ^{DS}
 Ty Ehrman, Managing Director of Power Production ^{DS}
 Dale Campbell, Senior Manager of Power Production Engineering
 Rebecca Simpson, Engineering Manager, Civil & Dam Safety ^{DS}

FROM: Madeline Marsh, Civil Engineer, Dam Safety ^{DS} ^{DS}

SUBJECT: Contract 430-07424A, Change Order No. 6

Purpose: To request Commission approval of Change Order No. 6 to Contract 430-07424A to increase the Contract Price by \$225,000 for a new Not-to-Exceed Contract value of \$3,700,000.00

Discussion: The District's Dam Safety Engineering group maintains multiple dam safety engineering contracts in order to support various tasks associated with the continued work associated with dam safety evaluations, analyses, and design efforts. Following a thorough request-for-proposal evaluation process conducted in late 2017, Gannett Fleming was selected as one of five engineering firms to provide dam safety engineering support. On this contract, Gannett Fleming has provided exemplary support to the District on several engineering tasks, focusing on concrete structural and seismic analyses. On-going engineering tasks that Gannett Fleming is performing include Priest Rapids' Cross Canyon Seismic Spillway Stability Analysis; providing preliminary seismic hazards evaluation for the SMR project; and a structural stability analysis of Wanapum's Spillway Monolith 14. A Change Order is being sought to allow continued support from Gannett Fleming on these projects.

This proposed Change Order will allow Gannett Fleming to complete current efforts in support of the District's submitted Plan and Schedule with FERC on the Priest Rapids' Cross Canyon Seismic Spillway Pier Stability Analysis and the structural stability analysis of Wanapum's Spillway Monolith 14. Both are Independent Consultant recommended analyses that resulted from recent Part 12 Inspections. No other future tasks are expected to be added to this contract at this time.

Justification: Gannett Fleming is the best choice for the District to perform these analyses. They provided the structural stability analyses for the Priest Rapids spillway and are the engineer of record of the proposed stabilizing anchor installation design. Gannett Fleming also performed the current stability analyses of record for the concrete structures at both dams, with the exception of Wanapum spillway monoliths 2-13. By allowing the additional funds to complete these analyses, the District keeps the continuity of analysis and reporting as well as continues to benefit from the integrity and quality provided by Gannett Fleming over the years.

Structurally analyzing Wanapum Spillway Monolith 14 is a complex project due to the structure's unique geometry that requires special experience that only a limited number of engineering firms can offer. Gannett Fleming has valuable background information on this structure, which provides the District with both an economic and time benefit over giving this analysis to a different firm to perform. Gannett Fleming provides excellent structural engineering analysis and evaluation support, high quality reports, and engineers well versed in the dam safety industry and with FERC licensed projects.

Financial Considerations: Change Order No. 6 is requesting the addition of \$225,000 to the Gannett Fleming Contract. This allows for a consistent quality and format across all structural analyses, both those already performed and the upcoming Monolith 14 analysis, for the best value to the District. Additionally, Gannett Fleming has provided high quality work for prior similar structural analyses. Billing rates were evaluated and negotiated prior to contract award and appear to be fair and reasonable with other top-tier dam safety engineering firms. All planned work activities are in the 2022 budget and will be allocated to various projects depending on the specific project being supported.

Change Order History: See attached change order table.

Legal Review: See attached email.

Recommendation: Commission approval of Change Order No. 6 to Contract 430-07424A to increase Contract Price by \$225,000 for a new Not-to-Exceed Contract value of \$3,700,000.00.

CHANGE ORDER
NO. 6

Pursuant to Section 5, the following changes are hereby incorporated into this Contract:

- A. Description of Change: Increase the Contract Price.
- B. Time of Completion: The completion date shall remain December 31, 2022.
- C. Contract Price Adjustment: As a result of this Change Order, the not to exceed Contract Price shall be increased by the sum of \$225,000.00 plus applicable sales tax. This Change Order shall not provide any basis for any other payments to or claims by the Contractor as a result of or arising out of the performance of the work described herein. The new total revised maximum Contract Price is \$3,700,000.00, including changes incorporated by this Change Order.
- D. Except as specifically provided herein, all other Contract terms and conditions shall remain unchanged.

Public Utility District No. 2
of Grant County, Washington

Gannett Fleming, Inc.

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Change Order Table

Contract Title:

Contract No.	430-07424A	Award Date:	12/1/2017
Project Manager:	Madeline Marsh	Original Contract Amount:	\$350,000.00
District Representative (If Different):		Original Contract completion:	12/31/2022
Contractor:	Gannett Fleming, Inc.	Total Cost Change Amt	\$3,350,000.00

CO#	Change Description	Approved by	Executed Date	Revised Completion Date	Cost Change Amount	Revised Contract Amount	Authority Level Tracking
1	Increase the Contract Price	Managing Dir	06/28/18	N/A	\$400,000.00	\$750,000.00	\$400,000.00
2	Increase the Contract Price	Comm	04/09/19	N/A	\$2,250,000.00	\$3,000,000.00	\$2,650,000.00
3	Increase the Contract Price	Managing Dir	03/22/21	N/A	\$400,000.00	\$3,400,000.00	\$400,000.00
4	Replace Appendix "A" Rate Schedule	Dept Mgr	04/26/21	N/A	\$0.00	\$3,400,000.00	\$400,000.00
5	Increase the Contract Price	Sr/Plant Mgr	10/07/21	N/A	\$75,000.00	\$3,475,000.00	\$475,000.00
6	Increase the Contract Price	Comm		N/A	\$225,000.00	\$3,700,000.00	\$700,000.00
Total Change Order Cost Change Amount					3,350,000.00		

Motion was made by _____ and seconded by _____ authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 6 to Contract 430-07424C with Cornforth Consultants, Inc., increasing the not-to-exceed contract amount by \$1,200,000.00 for a new contract total of \$5,300,000.00 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 6.

MEMORANDUM**February 4, 2022**

TO: Richard Wallen, Acting General Manager/Chief Executive Officer

VIA: Jeff Grizzel, Interim Chief Operating Officer DS
TE
 Ty Ehrman, P.E., Managing Director of Power Production DS
DC
 Dale Campbell, P.E., Senior Manager of Power Production Engineering
 Rebecca Simpson, Manager of Dam Safety Engineering DS
 Brandon Little, P.E., Chief Dam Safety Engineer DS
BL

FROM: Zach Ruby, P.E., Dam Safety Engineer DS
ZR

SUBJECT: Contract 430-07424C, Change Order No. 6

Purpose: To request Commission approval of Change Order No. 6 to Contract 430-07424C to increase Contract Price by \$1,200,000 for a new Not-to-Exceed Contract Price of \$5,300,000.

Discussion: Cornforth Consultants was awarded this Contract in December 2017 to provide primarily geotechnical-related engineering support for dam safety. Cornforth has proven to provide top-tier engineering support for various complex dam safety engineering projects, analyses, and evaluations. These include the Wanapum Left Embankment seismic risk analysis; Priest Rapids Spillway, Wanapum Left Embankment, and Priest Rapids Left Embankment instrumentation upgrades; FERC-required Priest Rapids Part 12 Independent Consultant inspection; Priest Rapids Left Abutment and Wanapum Left Embankment filter and seepage analyses; embankment recovery plans; and Wanapum Left Embankment and Priest Rapids Left Embankment stability analyses. Due to ongoing work and anticipated 2022 tasks, a Change Order is being sought to allow continued support from Cornforth.

This proposed Change Order will allow District Dam Safety Engineering staff to continue to rely on Cornforth to provide support for the Wanapum Left Embankment seismic risk analysis, Priest Rapids Left Embankment stability analysis, and other tasks supporting Dam Safety capital and O&M projects. Additional tasks anticipated to be assigned to Cornforth in 2022 include Wanapum Right Embankment filter and seepage analysis and project-wide Semi-Quantitative Risk Assessment (SQRA) support. Other future tasks may also be assigned to Cornforth depending on the nature of the work and their ability to meet our project budget and schedule requirements.

Justification: Cornforth Consultants has supported the Wanapum Dam Left Embankment River Closure Section (RCS) Senior Seismic Hazard Analysis Committee (SSHAC) for many years. Over time, the level of support being requested from Cornforth Consultants has increased dramatically. Cornforth is performing the entirety of the 3D FLAC modeling, dam breach modeling, data screening and analysis, and support of the Technical Integration Team. Cornforth is also performing large volumes of report writing and record keeping for the SSHAC process. While not a named member of the SSHAC Team, the success of the SSHAC process relies on the background knowledge and support of Cornforth. Beyond the SSHAC Project, the District continues to receive high-quality dam safety engineering professional services, continues to be in compliance and in good standing with the FERC Division of Dam Safety and Inspections, and fulfill our value of safety by maintaining and operating our dams in a safe and responsible manner. The 2021 Wanapum Dam Part 12 Inspection Report highlighted concerns within the Left Embankment River Closure Section and demonstrated the need for the District to

maintain relationships with highly qualified, geotechnical engineering firms within the region to help evaluate and monitor our embankment structures. By increasing this Contract Price, the District remains on schedule with current dam safety engineering work Cornforth is supporting, as well as positioning the District advantageously for dam safety engineering support anticipated for 2022 by ensuring the qualified and familiar personnel of Cornforth are available.

Financial Considerations: Change Order No. 6 is requesting the addition of \$1,200,000 to the Cornforth Contract. These funds are included in the 2022 budgets and charges incurred by this Contract will be allocated to various projects depending on the specific project being supported. Billing rates were evaluated and negotiated prior to Contract award and appear to be fair and reasonable based on the type of engineering support required for this Contract.

Change Order History: This is the sixth Change Order for this Contract. Change Order No. 3 was intended to provide funds to cover Cornforth's forecasted workload through 2020. Change Order No. 4 provided additional funds to cover Cornforth's increased workload from new tasks assigned in 2020. Change Order No. 5 provided additional funds to cover Cornforth's increased support during 2021 and 2022. As detailed above, Cornforth's role in the SSHAC process has dramatically increased since Change Order No. 5.

Legal Review: See attached email.

Recommendation: Commission approval of Change Order No. 6 to Contract 430-07424C to increase Contract Price by \$1,200,000 for a new Not-to-Exceed Contract Price of \$5,300,000.

CHANGE ORDER
NO. 6

Pursuant to Section 5, the following changes are hereby incorporated into this Contract:

- A. Description of Change: Increase the Contract Price.
- B. Time of Completion: The completion date shall remain December 31, 2022.
- C. Contract Price Adjustment: As a result of this Change Order, the not to exceed Contract Price shall be increased by the sum of \$1,200,000.00 plus applicable sales tax. This Change Order shall not provide any basis for any other payments to or claims by the Contractor as a result of or arising out of the performance of the work described herein. The new total revised maximum Contract Price is \$5,300,000.00, including changes incorporated by this Change Order.
- D. Except as specifically provided herein, all other Contract terms and conditions shall remain unchanged.

Public Utility District No. 2
of Grant County, Washington

Cornforth Consultants, Inc.

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Change Order Table

Contract Title: Dam Safety Engineering Services

Contract No.	430-07424C	Award Date:	12/7/2017
Project Manager:	Zach Ruby	Original Contract Amount:	\$300,000.00
District Representative (If Different):		Original Contract completion:	12/31/2022
Contractor:	Cornforth Consultants, Inc.	Total CO Cost Change Amt	\$5,000,000.00

CO#	Change Description	Approved by	Executed Date	Revised Completion Date	Cost Change Amount	Revised Contract Amount	Authority Level Tracking
1	Increase the Contract Price.	Comm	06/28/18	N/A	\$500,000.00	\$800,000.00	\$500,000.00
2	Increase the Contract Price.	Managing Director	04/25/19	N/A	\$200,000.00	\$1,000,000.00	\$200,000.00
3	Increase the Contract Price.	Comm	09/25/19	N/A	\$800,000.00	\$1,800,000.00	\$1,000,000.00
4	Increase the Contract Price.	Director	08/14/20	N/A	\$500,000.00	\$2,300,000.00	\$500,000.00
5	Increase the Contract Price.	Comm	03/24/21	N/A	\$1,800,000.00	\$4,100,000.00	\$2,300,000.00
6	Increase the Contract Price.	Comm		N/A	\$1,200,000.00	\$5,300,000.00	\$1,200,000.00
Total Change Order Cost Change Amount					5,000,000.00		

For Commission Review – 02/23/2021

RESOLUTION NO. XXXX

A RESOLUTION ADOPTING REGULATORY ACCOUNTING FOR ACTUARIAL CHANGES TO PENSION EXPENSE

Recitals

1. Grant PUD prepares financial statements in accordance to accounting principles generally accepted in the United States of America.
2. Generally accepted accounting principles are determined by the Governmental Accounting Standards Board (GASB).
3. Grant PUD's Board of Commissioners have the sole authority and responsibility to set electric rates.
4. Grant PUD's proportionate share of the pension liability/asset related to the Washington State Department of Retirement System's Public Employee's Retirement System pension plan varies widely from year to year and this impacts the recognition of the pension expense on the District's Statement of Revenues and Expenses and Changes in Net Position.
5. GASB Statement No. 62 allows regulated entities, such as Grant PUD, that sets rates based on revenue requirements to defer the effects of revenues or expenses that are not expected to be recovered in current rates until such time as those revenues and expense are recovered in rates.

NOW, THEREFORE, BE IT RESOLVED by the Commissioners of Public Utility District No. 2 of Grant County, Washington: Grant PUD invoke regulatory accounting, in accordance with GASB No. 62 *Codification of Accounting and Financial Reporting Guidance: Regulated Operations*, for the District's proportionate share of pension related accounts in connection with the Washington State Department of Retirement System's Public Employee's Retirement System pension plan.

PASSED AND APPROVED by the Commission of Public Utility District No. 2 of Grant County, Washington, this 22nd day of March 2022.

Judy Wilson, President

ATTEST:

Tom Flint, Secretary

Nelson Cox, Vice President


Terry Pyle, Commissioner


Larry Schaapman, Commissioner

MEMORANDUM

February 18, 2022

TO: Rich Wallen, General Manager/Chief Executive Officer

VIA: Bonnie Overfield, Chief Financial Officer
Jennifer Sager, Senior Manager of Accounting 

FROM: Emily Wilson, Financial Reporting Analyst 

SUBJECT: Regulatory Accounting for Actuarial Changes to Pension Expense

Purpose: To request Commission approval via resolution adopting regulatory accounting for actuarial changes in pension expense

Discussion:

Each year the District records a financial statement adjustment to address the difference in actual District PERS contributions made and the actuarially determined projected contributions needed for the PERS retirement system. This is a requirement under Generally Accepted Accounting Standards (GASB). The adjustment is a non-cash entry that can either increase or decrease Administrative and General expense on the Income Statement, thus impacting Net Income. The adjustment is excluded from several key financial metrics and rate calculations, but still impacts the Net Income seen on the face of the financials and some associated metrics. Since the implementation of GASB 68 in 2015, we have seen the actuarially determined amounts swing significantly due to changes in assumptions, investment performance, etc. Typical annual adjustments range from \$3M to \$15M however, the 2021 adjustment is a \$26M increase in net income, due to increased investment performance and the plan becoming fully funded.

GASB 62 outlines the concept of Regulatory Accounting for entities or operations that are rate regulated, allowing certain expenses and revenues normally reflected in the Change in Net Position as incurred to be recognized when they are included in rates and recovered from, or refunded to, customers. GASB 62 requires Commission approval for each type of expense or revenue deferred.

Justification:

The election of Regulatory Accounting smooths out annual volatile movements, minimizing the impact to Net Income. Instead of recording the annual adjustment to pension expense, the balance will be deferred as a regulatory asset/liability and maintained on the balance sheet. The use of Regulatory Accounting results in an annual pension expense equal to the actual contributions made by the District, which is consistent with our debt ratios, rate calculations and cash flows. Decreasing volatility of this portion of our financial statements is important because of the impact on Net Income and because this figure is largely derived from activities beyond the District's control as it relies largely on the state's performance of the retirement plan and other assumptions.

To elect Regulatory Accounting, we need approval of the regulatory board, or in our case the Commission. The attached resolution has been prepared to elect the new accounting method specific to the GASB 68 pension adjustments. The accounting approach and details have been discussed and

reviewed by the District's financial auditors, Moss Adams, in preparation for this change. The 2021 financial statements are planned to be presented including the updated accounting policy.

Recommendation: Commission approval by resolution adopting Regulatory Accounting for Actuarial Changes in Pension Expense.

Legal Review: See attached e-mail(s).

For Commission Review – 03/08/2022

RESOLUTION NO. XXXX

A RESOLUTION SUPPORTING THE CARBON-FREE AND ENVIRONMENTAL STEWARDSHIP BENEFITS OF NORTHWEST HYDROPOWER, INCLUDING THE LOWER SNAKE RIVER DAMS

Recitals

WHEREAS, hydroelectric dams represent close to 90 percent of the Northwest’s renewable, carbon-free annual electricity production, which has made the Pacific Northwest a national leader in clean, renewable energy production;

WHEREAS, thanks to hydropower, the Northwest boasts the nation’s least carbon-intensive electric grid and the lowest cost for clean energy, which powers our region’s economy and helps to keep the air we breathe clean with emissions-free electricity;

WHEREAS, hydropower acts as a renewable energy multiplier because dams can store water and release it to generate electricity when needed and, therefore, when hydroelectric resources are present, more solar and wind can be added to the grid.

WHEREAS, federal and locally-owned hydropower dams on the Columbia River system have invested billions of dollars in fish-passage technology to provide for successful passage at hydropower facilities;

WHEREAS, a study by the National Oceanic and Atmospheric Administration (NOAA) Fisheries found ocean warming caused by climate change to represent an extinction-level threat to Chinook salmon populations within the next forty years. Further, the study identified ocean warming as a much greater threat to long-term salmon survival than warming in rivers;

WHEREAS, a peer-reviewed study demonstrated nearly-uniform salmon survival declines over the past 50 years along the West Coast of North America, whether salmon originated in rivers with dams or from free-flowing rivers;

WHEREAS, NOAA Fisheries analysis showed that Chinook from the rivers that flow into the Salish Sea (including Puget Sound) – not the Columbia and Snake Rivers, which drain directly into the Pacific Ocean – are the top priority salmon stocks for Southern Resident Orcas; and biologists have indicated that due to geography and timing, Snake River salmon are not the “key limiting resource or prey” for Southern Resident Orcas;

WHEREAS, many residents in the Pacific Northwest are served by not-for-profit electric utilities, such as co-ops, municipalities, rural electric utilities, and public utility districts (PUDs), and some of these utilities operate locally-owned hydropower facilities and many others purchase hydropower generated by federal dams from the Bonneville Power Administration (BPA);

WHEREAS, BPA has identified the federally-owned Lower Snake River Dams as important renewable energy resources that annually produce 1,000 average megawatts of carbon-free power generation for the region and can produce over 2,000 megawatts of capacity during peak winter demand;

WHEREAS, major upgrades to the lower Columbia and Snake river dams have led to a survival rate past each dam of 93 to 99%, depending on the fish species. About 50% of the juvenile salmon that enter the uppermost reservoir in the lower Snake River make the journey past Bonneville Dam, which is a comparable survival rate to that of a free flowing river;

WHEREAS, the state of Washington enacted the Clean Energy Transformation Act (CETA) in 2019, which established a goal for 100 percent of all retail energy sales to come from carbon free resources by 2045, and includes hydropower in meeting that goal;

WHEREAS, Public Utility District No. 2 of Grant County (Grant PUD) is a member of Northwest River Partners (NWRP), an alliance of farmers, consumer-owned electric utilities and businesses that advocates for the bettering of our communities, our region, and the world through our low-cost, carbon-free hydropower system; and

WHEREAS, Grant PUD encourages the balanced use of Columbia Basin rivers, while working towards solutions that help hydropower and salmon coexist and thrive.

NOW, THEREFORE BE IT RESOLVED that Public Utility District No. 2 of Grant County (Grant PUD), Washington supports the carbon-free and environmental stewardship benefits of Northwest hydropower and opposes the removal of the four Lower Snake River Dams, which is counter to regional, state and local efforts underway to support carbon-free energy production.

PASSED AND APPROVED by the Commission of Public Utility District No. 2 of Grant County, Washington, this 22nd day of March, 2022.

Judy Wilson, President

ATTEST:

Tom Flint, Secretary

Nelson Cox, Vice President

Terry Pyle, Commissioner

Larry Schaapman, Commissioner

For Commission Review – 03/08/2022

Motion was made by _____ and seconded by _____ authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 5 to Contract 130-09724 with Quanta Infrastructure Solutions Group, LLC increasing the not-to-exceed contract amount by \$13,350,943.00 for a new contract total of \$71,513,194.26 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 5.

XXXX

MEMORANDUM

12/22/21

TO: Rich Wallen, General Manager/Chief Executive Officer

VIA: Jeff Grizzel, Managing Director of Power Delivery/Interim Chief Operating Officer
Julie Pyper, Senior Manager of EPMO & OCM
Allen Chatriand, Manager of Power Delivery Projects

FROM: David Klinkenberg, Project Manager

SUBJECT: Change Order No. 5 to Contract 130-09724, Grant County Load Growth Project(DB2)

Purpose:

To request Commission approval of Change Order No. 5 to Contract 130-09724 with Quanta Infrastructure Solutions Group, LLC. in the amount of \$13,350,943.00. This will increase the contract price from \$58,162,251.26 to \$71,513,194.26.

Discussion:

DB2 is using the Progressive Design Build project delivery method to design and construct 11 projects in an expedited time frame. When completed, these projects will help improve the District's system reliability and provide additional load service capacity for District customers. DB2 includes a combination of building new substations, expanding existing substations and constructing a new transmission line. The 11 project sites are Quincy Plains Substation Transformer Addition, Mountain View Mobile Tap, Mountain View Capacitor Banks, Royal Substation Rebuild, Burke Substation Rebuild, Baird Springs Substation, Frenchman Hills Breaker Addition, South Ephrata Substation, South Ephrata Ring Bus, Red Rock Transmission Line, and Red Rock Substation.

This change order, the Guaranteed Maximum Price (GMP2) Amendment, locks in funding for Red Rock Substation procurement & construction, Red Rock Transmission Line 100% design package (Initiate For Construction), final Mountain View Capacitor Bank Scope, and funds the design changes and scope modifications to in-flight projects previously funded via GMP 1.

Material procurement and construction funding for Red Rock transmission line will be authorized in a future planned change order, GMP 3. The Red Rock Transmission Line 100% design package, that is being funded in this change order, is required to negotiate the Red Rock Transmission Line procurement and construction costs.

Justification:

It is important to execute this change order now to allow the Design-Builder to fund design and material procurement to sequence their design and construction to maximize efficiency in their schedule and to help mitigate cost and schedule impacts from covid related impacts to vendors and supply chains.

Financial Considerations:

The budgeted cost for this project is based on a negotiation between the Design-Builder and the District. Per the Progressive Design-Build process, the Design-Build team was selected based on their qualifications. During the planning phase, the Design-Build team developed and submitted their price proposal for GMP 2. Over the course of several months the District team and Design-Builder negotiated the GMP 2 price. The District's review included input from District Staff, the project's Owner's Engineer – Stanley Consultants, and a third-party construction estimator with Aubrey Silvey Enterprises.

The hourly labor rates, equipment rates, overhead costs, and profit margins in this contract have been determined to be fair and reasonable for both the Design-Builder and the District. Any cost savings associated with the not to exceed work will revert back to the District at the end of the project.

This project is included in the District's capital budget.

Change Order History: See attached change order table.

Change orders 1, 2, 3 and 4 funded planned design work and long lead material purchases required to maintain the overall project schedule during the remaining cost negotiation process. This Change Order No. 5 marks the continuation of Phase 2 and funds Red Rock Substation material procurement, construction & construction support, engineering for the Red Rock Transmission Line, final Mountain View Capacitor Bank design and scope alterations to in-flight projects. A subsequent change order will provide the construction and material funds for the Red Rock Transmission Line.

Legal Review: See attached email.

Recommendation: Commission approval of Change Order No. 5 to Contract 130-09724 with Quanta Infrastructure Solutions Group in the amount of \$13,350,943 to continue Phase 2 of the Load Growth Project.

Below is a breakdown of each project site's cost and summary of scope modifications included in this change order.

	Current Budget	Change Order No.5	Revised Total Cost
QISG - TOTAL COST	\$58,162,251	\$13,350,943	\$ 71,513,194
0.0 - General Program Management - Not to Exceed	\$12,476,790	\$1,690,059	\$ 14,166,850
1.0 - Quincy Plains Substation	\$1,623,725	\$11,962	\$ 1,635,687
2.0 - Burke Substation Rebuild	\$5,511,169	\$703,823	\$ 6,214,992
3.0 Mountain View Cap Bank	\$12,305,515	\$3,386,535	\$ 15,692,050
3.0A Mountain View Mobile Tap	\$2,496,079	\$186,145	\$ 2,682,224
4.0 - Baird Springs Substation	\$7,865,195	\$932,704	\$ 8,797,899
5.0 - Red Rock Substation	\$327,448	\$5,713,264	\$ 6,040,712
6.0 - Frenchman Hill Substation	\$2,321,439	\$(577,390)	\$ 1,744,049
7.0 -Red Rock Line	\$94,830	\$449,399	\$ 544,229
8.0 - South Ephrata Substation	\$7,632,154	\$484,476	\$ 8,116,630

9.0 - South Ephrata Ring Bus	\$62,478	\$-	\$ 62,478
10.0 - Royal City Substation	\$5,445,428	\$369,966	\$ 5,815,394

Revised Mechanical Completion Dates

	Old Mechanical Completion Dates	Change Order No.5 Mechanical Completion Dates
1.0 - Quincy Plains Substation	Feb 12, 2021	Feb 12, 2021
2.0 - Burke Substation Rebuild	May 7, 2021	June 25, 2021
3.0 Mountain View Cap Bank	Jun 1, 2022	June 6, 2023
3.0A Mountain View Mobile Tap	Mar 16, 2021	Apr 9, 2021
4.0 - Baird Springs Substation	Feb 8, 2022	Jun 17, 2022
4.0A – Baird Springs Second Line Up	N/A	April 11, 2023
5.0 - Red Rock Substation	TBD	March 31, 2023
6.0 - Frenchman Hill Substation	Apr 27, 2022	Dec 29, 2022
7.0 -Red Rock Line	TBD	TBD
8.0 - South Ephrata Substation & Ring Bus	Jan 4, 2023	March 31, 2023
10.0 - Royal City Substation	Jan 7, 2022	May 6, 2022

1.0 Quincy Plains Substation: \$11,962

- Added low side transformer bus reconfiguration (Engineering & Procurement)
- Adjustment for prevailing wages

2.0 Burke Substation: \$703,823

- Additional site fill and retaining wall to accommodate the unforeseen ground water conditions that were not represented in the Geotech report.
- Repurposing of the existing control house as a communications hut and adding a new fiber patch panel as an interconnection node between the substation and the District wide area network.
- Transformer Oil Fill scope
- Changes to the CT Metering locations,
- Physical breaker renumbering
- Addition of 4" pad fittings on all 15kV breaker racks
- Connection of 27DC alarms from yard equipment
- Auto-sectionalizing cabinet
- Modifying the SCADA points list and terminations
- Adjustment for prevailing wages

3.0 Mountain View Cap Bank: \$3,386,535

- Added restroom facility
- Added 2 termination frames with approximately 40 total rails of terminal blocks
- Bus Rung shift
- AC/DC redundancy
- Added fencing around each capacitor bank including 1 drive gate and 1 walking gate
- Change from precast cable trench to duct bank

- Added 7 duct term custom vaults and 5 cable vaults
- Added 5 station service transformers
- Added 230kV Bus Support steel and foundations
- Added Drive rated junction boxes
- Adjustment for prevailing wages

3.0A Mountain View Mobile Tap: \$186,145

- Modified JAZ drawings for drainage
- Added 230kV Bus Support steel and foundations
- Added Drive rated junction boxes
- Added offsets and corona rings
- Added fiber from control house to mobile sub
- Deduct for 1 set of 230kV interrupters

4.0 Baird Springs Substation: \$932,704

- Added fiber addition that will consist of redundant pathways
 - 48 CT fiber connections from Baird Springs control house to Quincy tap
 - 48 CT fiber from Baird Springs control house to the orchard splice box
- Additional Lineup, 30RT 41.7MVA Distribution lineup,
- Added procurement, structural steel and foundations for the following
 - Circuit Switcher
 - Transformer
 - Station Service Pedestal with mounted equipment
 - 13.8KV Distribution Rack
 - 13.8kV CT Feeder Pedestals
 - Yard Lighting
 - Grounding System Improvements
 - Control House Components
 - Conduit between distribution bay and substation vaults
 - Control cable, power cable, and fiber between yard equipment and control enclosure
 - Signage – varies
 - 20RT 13.8KV Distribution Rack
 - 20RT 13.8kV CT Feeder Pedestals
 - Added Relay Rack - customer metering
- Adjustment for prevailing wages

5.0 Red Rock Substation: \$5,713,264

- Modifications to engineering scope
 - Added perimeter berm for oil containment
 - Changes to CT metering locations
 - Physical breaker re-numbering
- Added scope for all substation procurements
- Added scope for all construction costs

6.0 Frenchman Hills Substation – Reduction: (\$577,390)

- Removed scope
 - Procurement & installation of relay racks

- Added scope
 - Two termination frames with approximately 10 rails of terminal blocks

7.0 Red Rock Transmission Line: \$449,399

- Engineering Design scope to complete engineering design to support the procurement and construction cost estimates that will be reviewed and approved under future planned change order.

8.0 South Ephrata Substation & Ring Bus: \$484,476

- Added one termination frame with approximately 4 total rails of terminal blocks
- Changes to CT metering locations
- Added physical breaker renumbering
- Added drive rated junction boxes
- Adjustment for prevailing wages

10.0 Royal City Substation: \$369,966

- Added auto-sectionalizing cabinet
- Changes to CT metering locations
- Added physical breaker renumbering
- Added Relay rack customer metering
- Added drive rated junction boxes
- Added rock around perimeter for dust control
- Added structure, primary dip, and transformer for alternate station service
- Adjustment for prevailing wages

From: [Allen Chatriand](#)
To: [Patrick Bishop](#)
Subject: FW: 130-09724 Change Order 5 Contract and Legal Approval
Date: Wednesday, February 23, 2022 10:14:35 AM

I approve

*Allen Chatriand, Manager PMO – Power Delivery
Grant County PUD
509-378-7720*

From: David Klinkenberg <dklinkenberg@gcpud.org>
Sent: Tuesday, February 22, 2022 3:39 PM
To: Jeff Grizzel <jgrizzel@gcpud.org>; Patrick Bishop <pbishop@gcpud.org>; Julie Pyper <jpyper@gcpud.org>; Allen Chatriand <achatriand@gcpud.org>
Cc: Alicia Reynolds <areynolds@gcpud.org>
Subject: RE: 130-09724 Change Order 5 Contract and Legal Approval

Jeff, Julie, Allen,

I have made the dollar figure revisions to the Commission Memo. Please provide acknowledgment of approval to Patrick by 9am on 2/23/2022.

Thank you.

David Klinkenberg

Project Manager, Power Delivery PMO

CELL 509.885.6491
EMAIL dklinkenberg@gcpud.org



grantpud.org

From: Jeff Grizzel <jgrizzel@gcpud.org>
Sent: Friday, February 18, 2022 10:41 AM
To: Patrick Bishop <pbishop@gcpud.org>; Julie Pyper <jpyper@gcpud.org>; Allen Chatriand <achatriand@gcpud.org>; David Klinkenberg <dklinkenberg@gcpud.org>
Cc: Alicia Reynolds <areynolds@gcpud.org>
Subject: RE: 130-09724 Change Order 5 Contract and Legal Approval

Pat – just a couple of formatting edits and one question about two figures that are off by a couple of dollars. With those changes made, I approve.

Jeff

From: Patrick Bishop <Pbishop@gcpud.org>

Sent: Thursday, February 17, 2022 10:50 AM

To: Julie Pyper <Jpyper@gcpud.org>; Allen Chatriand <achatriand@gcpud.org>; Jeff Grizzel <Jgrizzel@gcpud.org>; David Klinkenberg <dklinkenberg@gcpud.org>

Cc: Alicia Reynolds <areynolds@gcpud.org>

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We have Legal approval to move the GMP Amendment No. 2 for the Grant County Load Growth Project (Design Build 2) to the Commission Packet for review at the March 8th meeting. Prior to doing so, can each of you please acknowledge by return email that you approve of the attached Commission Memo? If you need to review anything else, all the information can be found [here](#). Thank you.

Regards,

Patrick Bishop

Procurement Officer

OFFICE 509.793.1556

EMAIL pbishop@gcpud.org



From: Lori Englehart-Jewell <Lengleh@gcpud.org>

Sent: Thursday, February 17, 2022 9:32 AM

To: Patrick Bishop <Pbishop@gcpud.org>

Subject: 130-09724 Change Order 5 Contract and Legal Approval

You have contract and legal approval to proceed with submission of 130-09724 CO 5 to the commission packet.

Thanks!

Lori Englehart-Jewell, CPPB, NIGP-CPP

Procurement Officer

OFFICE 509.793.1440

EXT. 3189

FAX 509.754.6674

EMAIL lengleh@gcpud.org

From: [Jeff Grizzel](#)
To: [David Klinkenberg](#); [Patrick Bishop](#); [Julie Pyper](#); [Allen Chatriand](#)
Cc: [Alicia Reynolds](#)
Subject: RE: 130-09724 Change Order 5 Contract and Legal Approval
Date: Tuesday, February 22, 2022 7:54:03 PM

I approve.

Jeff

From: David Klinkenberg <dklinkenberg@gcpud.org>
Sent: Tuesday, February 22, 2022 3:39 PM
To: Jeff Grizzel <jgrizzel@gcpud.org>; Patrick Bishop <pbishop@gcpud.org>; Julie Pyper <jpyper@gcpud.org>; Allen Chatriand <achatriand@gcpud.org>
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OFFICE 509.793.1440

EXT. 3189

FAX 509.754.6674

EMAIL lengleh@gcpud.org

ADDRESS 1 14352 Hwy 243 S Bldg. 6, Beverly, WA 99321 (FedEx or UPS)

ADDRESS 2 PO Box D4, Beverly, WA 99321 (USPS)

From: [Julie Pyper](#)
To: [Allen Chatriand](#); [Patrick Bishop](#); [Jeff Grizzel](#); [David Klinkenberg](#)
Cc: [Alicia Reynolds](#)
Subject: RE: 130-09724 Change Order 5 Contract and Legal Approval
Date: Thursday, February 17, 2022 1:43:20 PM

I approve.

Nice job Team! I appreciate everyone's work to pull this together.

Take care, Jules

Julie E. Pyper

Senior Manager

Enterprise Project Management Office | Organizational Change Management | Operations Budgeting and Analysis

[Learn more about Project Management](#)

[Learn more about Organizational Change Management](#)

DESK 509.754.5089

EXT. 4153

CELL 509.429.2420

EMAIL jpyper@gcpud.org



grantpud.org

From: Allen Chatriand <achatriand@gcpud.org>
Sent: Thursday, February 17, 2022 1:41 PM
To: Patrick Bishop <pbishop@gcpud.org>; Julie Pyper <jpyper@gcpud.org>; Jeff Grizzel <jgrizzel@gcpud.org>; David Klinkenberg <dklinkenberg@gcpud.org>
Cc: Alicia Reynolds <areynolds@gcpud.org>
Subject: RE: 130-09724 Change Order 5 Contract and Legal Approval

Thank you Patrick, I approve

*Allen Chatriand, Manager PMO – Power Delivery
Grant County PUD
509-378-7720*

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EMAIL lengleh@gcpud.org

ADDRESS 1 14352 Hwy 243 S Bldg. 6, Beverly, WA 99321 (FedEx or UPS)

ADDRESS 2 PO Box D4, Beverly, WA 99321 (USPS)

**CHANGE ORDER NO. 5 - GMP No. 2 AMENDMENT
GRANT COUNTY PUBLIC UTILITY DISTRICT
LOAD GROWTH PROJECT**

1. The parties entered into a previous GMP Amendment on September 23, 2020 ("GMP No. 1 Amendment") Pursuant to Section 6.6.1 of the Agreement, this GMP No. 2 Amendment incorporates the following terms into the Agreement. To the extent any terms set forth in this GMP 2 Amendment conflict with the Agreement, the Phase 1 Amendment, or GMP No. 1 Amendment, the terms in this GMP No. 2 Amendment shall govern.

2. The Design-Builder has submitted to Owner the GMP No. 2 Proposal pursuant to Section 6.6.1.5 of the Agreement.

3. The Owner has reviewed the GMP No. 2 Proposal, the parties have reconciled the Owner's Comments pursuant to Section 6.6.1.6 of the Agreement, and the Owner has accepted the GMP No. 2 Proposal as reconciled. The conformed, reconciled GMP No. 2 Proposal contains the following documents and is attached to this GMP No. 2 Amendment as Attachments and are incorporated as if fully set forth herein.

- a. Proposed GMP No. 2 pursuant to Section 2.04C of Exhibit C to the Agreement including the following itemized amounts as set forth in the Schedule of Values, Attachment 1 to the GMP No. 2 Amendment.
 - i. The Design-Builder's Lump Sum Fee pursuant to Section 6.2.3 of the Agreement.
 - ii. If applicable, a list of Allowance Items, Allowance Values, and a statement of their basis pursuant to Section 6.4.1 of the Agreement.
 - iii. If applicable, a list of all Not to Exceed Amounts and the information required pursuant to Section 6.4.2 of the Agreement.
 - iv. If applicable, a list of Lump Sums and the information required pursuant to 6.4.3 of the Agreement.
 - v. The Cost of the Work Contingency pursuant to Section 6.4.4.1.a of the Agreement.
 - vi. The Design-Builder's Contingency pursuant to Section 6.4.4.1.b of the Agreement.
 - vii. The Design-Builder's Lump Sum General Conditions Amount pursuant to Section 6.4.5 of the Agreement.
 - viii. If applicable, a schedule of unit prices.
 - ix. A list of the assumptions and clarifications made by the Design-Builder in preparation of the GMP No. 2 Proposal, as set forth in the Basis of Design Documents.
- b. The GMP No. 2 Basis of Design Documents pursuant to Section 2.03 of Exhibit C to the Agreement. A list of documents that comprise the GMP No. 2 Basis of Design Documents is set forth in Attachment 2 to this GMP No. 2 Amendment.
- c. A current Project Schedule pursuant to Section 2.02.D of Exhibit C to the Agreement is set forth in Attachment 3 to this GMP No. 2 Amendment.
- d. The Contract Close-Out Plan pursuant to Section 2.10 of Exhibit C to the Agreement is incorporated into the GMP No. 2 Basis of Design Documents.

- e. Differing Site Conditions Report pursuant to Section 2.11 of Exhibit C to the Agreement. The Differing Site Conditions Report is set forth as Attachment 4 to the GMP No, 2 Amendment.
4. The Owner has decided to exercise its option to enter into Phase 2 of the Agreement for the Work set forth in this GMP No. 2 Amendment pursuant to Section 6.6.1.6.b of the Agreement.
5. Consistent with the GMP No. 2 Proposal, the parties hereby establish the following Commercial Terms:

Cost of the Work	\$12,167,803.00
<i>Lump Sum General Conditions Costs</i>	<i>\$ 1,557,534.00</i>
<i>Cost of Work</i>	<i>\$10,610,269.00</i>
Design-Builder's Lump Sum Fee	\$724,581.00
Design Builder's Contingency	\$458,559.00
Quarterly Incentive Total Amount	\$0
Guaranteed Maximum Price Amendment	\$13,350,943.00
Phase 1 Not To Exceed Amount	\$6,231,295.26
GMP No. 1 Amendment GMP	\$51,930,956.00
GMP No. 2 Amendment GMP	\$13,350,943.00
Guaranteed Maximum Price (<i>including costs in the Phase 1 NTE, GMP1 and GMP2</i>)	\$71,513,194.26
Commercial Completion Dates (Milestone Dates)	
Quincy Plains Substation Mechanical Completion	2/12/2021
Burke Substation Mechanical Completion	6/25/2021
Mountain View Mobile Tap Mechanical Completion	4/9/2021
Mountain View Cap Bank Mechanical Completion	6/6/2023
Baird Springs Substation Mechanical Completion	6/17/2022
Baird Springs 2 nd Line Up Mechanical Completion	4/11/2023
Red Rock Substation Mechanical Completion	3/31/2023
Frenchman Hills Mechanical Completion	12/29/2022
South Ephrata Substation Mechanical Completion	3/31/2023
South Ephrata Ring Bus Mechanical Completion	3/31/2023
Royal City Substation Mechanical Completion	5/6/2022

6. Pursuant to Section 10.2 of the Agreement, Design-Builder shall provide a Payment and Performance Bond pursuant to RCW Chapter 39.08 equal to one hundred percent (100%) of the amount of the Guaranteed Maximum Price set forth above.

In executing this Amendment, Owner and Design-Builder each individually represents that it has the necessary financial resources to fulfill its obligations under this Amendment, and each has the necessary corporate approvals to execute this Amendment, and perform the services described herein.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed on the date set forth below.

OWNER
Public Utility District No. 2 of Grant County,
Washington

DESIGN-BUILDER
Quanta Infrastructure Solutions Group,
LLC

By:	_____	By:	_____
Name:	_____	Name:	_____
Title:	_____	Title:	_____
Date:	_____	Date:	_____

Attachments

1	GMP No. 2/Schedule of Values
2	List of GMP No. 2 Basis of Design Documents
3	Project Schedule
4	Differing Site Conditions Report

ATTACHMENT 1
SCHEDULE OF VALUES/GMP No. 2

The Schedule of Values agreed by the parties and dated December 16, 2021, is incorporated into the GMP No. 2 Amendment as if fully set forth herein and can be view [here](#).

ATTACHMENT 2
LIST OF GMP No. 2 BASIS OF DESIGN DOCUMENTS

The following documents comprise the GMP No. 2 Basis of Design Documents. These documents are incorporated into this GMP No. 2 Amendment as if fully set forth herein. The documents set forth in the GMP 1 Amendment and the list of documents set forth in this GMP No. 2 Amendment make up the full Basis of Design Documents for this Project.

Name	Date
Baird Springs	
Baird Springs Structural IFC Rev 1B	3/8/2021
Baird Springs IFC Grounding Package	5/17/2021
Baird Springs Civil/Electrical IFC	7/13/2021
Baird Springs 2nd Lineup IFC	12/22/2021
Baird Springs Conduit IFC	3/15/2021
Baird Springs Revised Conduit IFC	4/15/2021
Baird Springs Rev Cable & Conduit/Cable Qty IFC	5/3/2021
Baird Springs Transmission Line IFC	6/25/2021
Burke Substation	
Burke IFC Physical Package	9/11/2020
Burke Revised Physical & Conduit IFC	3/15/2021
Burke Revised Conduit IFC	4/1/2021
Burke Transmission Drawings IFC MOD	9/30/2021
Burke IFC Controls Package	10/2/2020
Burke Rev IFC Communication Drawings	11/30/2020
Burke Revised IFC Electrical Package	3/17/2021
Burke Revised MOD Control Box IFC	4/12/2021
Burke Revised Autosectionalizing Cabinet	4/23/2021
Burke 27DC IFC Revisions	6/11/2021
Burke Revised Grading IFC	10/27/2020
Burke/Royal Mindcore motor operator switches	1/5/2021
Burke Post IFC Distribution Layout	11/17/2020
Burke Retaining Wall	2/18/2021
Burke Main Power Xfmr(s) Vac Fill Test Report(s)	5/5/2021
Burke Metering IFC	8/6/2021
Burke Telecom IFC	8/27/2021
Burke MOD Vendor IFC	12/1/2021
Frenchman Hills Substation	
Frenchman Hills 100% Design Package	4/14/2021
Frenchman Hills SSSP_Rev1	8/4/2021
Frenchman Hills Partial Civil & Electrical IFC	8/4/2021
Mountain View Cap Bank	
Mountain View Cap Bank IFC	7/8/2021
Mountain View Cap Bank Foundation IFC Rev	9/7/2021
Mountain View Cap Bank Structural IFC Amendment 2	10/19/2021
Mountain View Cap Bank Isolation Fnd IFC Adjustment	11/19/2021
Mt View Cap Bank Septic Design	11/4/2021
Mountain View Cap Bank 100% Structural Control House	12/30/2021
Mountain View Mobile Tap	

Mountain View Mobile Tap IFC Design Package	9/18/2020
Mountain View Mobile Tap IFC Revised Foundation	10/16/2020
Quincy Plains Substation	
Quincy Plains IFC Package	7/22/2020
Quincy Plains Redlines	1/4/2022
Royal City Substation	
Burke/Royal Mindcore motor operator switches	1/5/2021
Royal IFC Package	11/19/2020
Royal IFC Ground Grid	11/30/2020
Royal Structural Revised	2/5/2021
Royal IFC Conduit Drawings Revised	4/12/2021
Royal Revised IFC Drawings	4/23/2021
Royal Panel Fabrication Drawing	6/22/2021
Royal IFC Updates	6/29/2021
Royal Revised Circuit Breaker IFC	9/10/2021
Royal Transmission Line IFC	1/18/2021
South Ephrata Substation	
South Ephrata 30% FINAL Conceptual Package	5/5/2020
Hazmat Analysis Memo South Ephrata 2020.05.08	6/2/2020
Red Rock Substation	
Red Rock Substation 100% Design	1/17/2022
Red Rock Transmission Line	
Red Rock Transmission Line SSSP/EAP Map	8/10/2020
Red Rock Transmission Line – GT Report	9/29/2020
Red Rock T-Line 30% Final Design Package	2/18/2021
GCPUD LGP – SOW GMP No. 2 Master	12/13/2021
GCPUD LGP - RFI Log	01/17/2022
QEPC LGP GCPUD Design Log	01/17/2022

**ATTACHMENT 3
PROJECT SCHEDULE**

The approved Project Schedule dated February 1, 2022 is set forth herein. The schedule is available for viewing [here](#).

**ATTACHMENT 4 DIFFERING SITE CONDITIONS
REPORT**

The Differing Site Conditions Report consists of the following Geotech and hazardous materials reports which are incorporated into this GMP No. 2 Amendment as if fully set forth herein:

Name	Date
Grant County PUD Transmission Line Geotech Engineering Evaluation for Mountain View 115kv Transmission line Mountain View 230kv Transmission line Wheeler to Warden 115kv Transmission line Rocky Ford to Dover 115kv Transmission line	December 19, 2014
Mountain View Switchyard Geotech Engineering Evaluation	October 22, 2014
Mountain View Soils Resistivity Report	February 4, 2015
Mountain View Step Potential	February 4, 2015
Mountain View Touch Voltages	February 4, 2015
Frenchman Hills Substation Report of Geotechnical Investigation	June 2000
Geotechnical Engineering Evaluation Report Baird Springs Substation	May 4, 2020
Geotechnical Engineering Evaluation Report Burke Substation	April 14, 2020
Geotechnical Engineering Evaluation Report Royal City Substation	April 14, 2020
Geotechnical Engineering Evaluation Report South Ephrata Substation	April 14, 2020
Geotechnical Engineering Evaluation Report Red Rock Substation	April 14, 2020
Hazardous Materials Assessment of Properties Burke Substation	April 22, 2020
Hazardous Materials Assessment of Properties Baird Springs Substation	May 5, 2020
Hazardous Materials Assessment of Properties Royal City Substation	April 22, 2020
Hazardous Materials Assessment of Properties South Ephrata Substation	May 1, 2020
Hazardous Materials Assessment of Properties Red Rock Substation	May 5, 2020
Red Rock Substation Rock Excavation report, Tommer	April 21, 2021
Red Rock Test Holes for Bedrock Depth, Tommer	February 19, 2021



Change Order Table

Contract Title: Grant County Load Growth Project

Contract No.		130-09724		Award Date:		12/10/2019	
Project Manager:		David Klinkenberg		Original Contract Amount:		\$2,028,023.14	
District Representative (If Different):				Original Contract completion:		6/30/2022	
Contractor:		Quanta Electric Power Construction, LLC.		Total CO Cost Change Amt		\$69,485,171.12	
CO#	Change Description	Approved by	Executed Date	Revised Completion Date	Cost Change Amount	Revised Contract Amount	Authority Level Tracking
1	Increase the Contract Price to fund Design Builder procured long lead materials and revises Section 6.2.3, Design-Builder's Fee Percentage and Lump Sum Fee.	Managing Director	07/07/20	N/A	\$265,317.81	\$2,293,340.95	\$265,317.81
2	Increase the Contract Price to fund additional Design Builder procured long lead materials, continued engineering & program management and extend Phase 1 of the project.	Comm	07/31/20	N/A	\$3,442,954.31	\$5,736,295.26	\$3,708,272.12
3	Extend Phase 1 design, issue a limited Notice to Proceed to begin labor, amend the Agreement, the General Conditions, and Exhibits A & K and establish a final project completion date.	Managing Director	09/08/20	04/04/23	\$495,000.00	\$6,231,295.26	\$495,000.00
4	Establishes the Guaranteed Maximum Price (GMP) and incorporates Attachments 1 through 6 to fully establish the GMP Amendment and transition to Phase 2 of the project.	Comm	09/23/20	N/A	\$51,930,956.00	\$58,162,251.26	\$52,425,956.00
5	Increases the GMP and revises Schedule of Values, List of Basis of Design Documents, and the Differing Site Conditions Report from Change Order No.4. Change Order No. 5 also updates the current Project Schedule.	Comm		06/06/23	\$13,350,943.00	\$71,513,194.26	\$13,350,943.00
Total Change Order Cost Change Amount					69,485,171.12		

For Commission Review – 03/08/2022

Motion was made by _____ and seconded by _____ authorizing the General Manager/CEO, on behalf of Grant PUD, to execute Change Order No. 7 to Contract 430-3217 with MacKay and Sposito, Inc., increasing the not-to-exceed contract amount by \$3,945,634.13 for a new contract total of \$12,203,271.13 and resetting the delegated authority levels to the authority granted to the General Manager/CEO per Resolution No. 8609 for charges incurred as a result of Change Order No. 7.

XXXX

MEMORANDUM**February 22, 2022**

TO: Richard Wallen, General Manager/Chief Executive Officer

VIA: Jeff Grizzel, Interim Chief Operations Officer
 Ty Ehrman, P.E., Managing Director of Power Production DS
TE
 Dale Campbell, P.E., Senior Manager of Power Production Engineering DS
DC
 Brandon Little, P.E., Chief Dam Safety Engineer DS
BL
 Rebecca Simpson, Manager of Dam Safety RAS

FROM: Christopher Steinmetz, Dam Safety Engineer, District Representative DS
CSS

SUBJECT: Contract 430-3217, Change Order No. 7

Purpose:

Request Commission approval of Change Order No. 7 to 430-3217 in the amount of \$3,945,634.13 for the Construction Inspection, Construction Management, and Construction Materials Sampling and Testing professional services Contract with MacKay Sposito.

Discussion:

The District awarded this Contract to MacKay Sposito in August 2011 to provide construction inspection and materials testing on numerous upcoming District construction projects. Since that time, MacKay Sposito has provided flexible, qualified, cost-effective construction inspection and materials testing on over \$100 million of District construction projects. Due to this history with the District and the need to avoid any lapses in construction inspection expertise on current and upcoming projects, a Change Order is being sought to continue to utilize MacKay Sposito services through the completion of the Priest Rapids Right Embankment Improvement Project (PRREIP) or December 31, 2024.

Justification:

MacKay Sposito has been an important partner on many District construction projects since 2011. They have provided construction inspection and material testing services at the Priest Rapids Fish Bypass, the Wanapum Dam Spillway, nearly all the recreation improvements and fish acclimation sites, in addition to supporting our facilities and dam safety departments on additional work. During this period, MacKay Sposito has provided excellent response times, qualified inspectors, and effectively managed costs. They have a roster of inspectors who are familiar with District facilities, policies, and personnel, and have experience in working on Federal Energy Regulatory Commission (FERC) mandated projects making them uniquely qualified for several current and upcoming construction projects.

Due to the intermittent nature of construction projects, utilizing District staff to provide the entirety of construction inspection and testing services is not recommended. Staffing using internal resources would result in a surplus of inspection and testing personnel during periods when construction is not taking place and would create a need to maintain multiple certifications that are

only used intermittently. By utilizing a separate construction inspection and testing contractor, the District is able to tailor the number of inspectors to exactly meet the current construction need, and request inspectors with particular areas of expertise depending on the type of work. In addition, our current construction projects periodically require construction inspection and testing services on night shifts and weekends. This flexibility reduces overhead and improves the quality of inspection, while also providing assurance to local, state and federal regulators that the projects are being inspected by an independent third party.

Based on the benefits listed above, McKay and Sposito was selected by District leadership as the preferred alternative to hiring additional District staff for necessary construction inspection and construction management resources.

Moving forward, the District would like to utilize MacKay Sposito's inspectors and construction manager for the remainder of the PRREIP. This project is anticipated to receive a high level of scrutiny from the FERC. As such, maintaining qualified construction inspectors throughout the remaining construction window is of critical importance. The use of MacKay Sposito inspectors will allow us to catch and rectify any quality control issues as soon as possible and ensure proper documentation of all construction activities. This quality of inspection and documentation will help reduce concern from the FERC and will create proper historical records for any future review and analysis of the project. Additionally, MacKay Sposito inspectors are already included in the PRREIP Quality Control Inspection Program (QCIP). Failure to keep the Contract in place would delay construction as new inspectors are found, added to the QCIP, and the QCIP is submitted to the FERC and BOC for approval. By increasing the Contract Price and extending the completion date to provide inspection for the PRREIP, the District is assured of consistent, high-quality inspection throughout the project.

Financial Considerations:

The original Contract for MacKay Sposito was awarded in August 2011 for \$4,500,000.00 to provide construction inspection and material testing services. Since that time, the Contract has received Change Orders totaling \$3,757,636.00. Due to the number of inspectors and anticipated workload for inspection services, an additional \$3,945,634.13 is being sought. This increase is based upon an estimate of three full time inspectors, two part time night shift inspectors, and one full time Construction Manager throughout PRREIP construction less the remaining available dollars in the current Contract. This increase will be primarily billed to the PRREIP PID 102663. Billing rates are regularly evaluated and negotiated throughout the Contract and are fair and reasonable based on this type of support.

Change Order History:

This is the seventh Change Order for this Contract. Please refer to attached Change Order table for specifics.

Legal Review:

See attached email.

Recommendation:

Commission approval of Change Order No. 7 to Contract 430-3217 to increase Contract Price by \$3,945,634.13 for a new not-to-exceed Contract Price of \$12,203,270.13 and extend the Contact completion date to December 31, 2024.

CHANGE ORDER
NO. 7

Pursuant to Section 5, the following changes are hereby incorporated into this Contract:

A. Description of Change:

1. Increase the Contract Price and extend the Contract completion date.
2. Add the following requirements as Item No. 5 and Item No. 6 to Section 8, Part A., Insurance:

- 5) **Owned Aircraft Insurance and/or Non-Owned Aircraft Insurance:** If the performance of the work requires the use of any aircraft (including unmanned aerial vehicles or drones) that is owned, leased, rented or chartered by Contractor or any of its Subcontractors, Aircraft Liability insurance with a **minimum limit of \$1,000,000 per occurrence** for bodily injury and property damage, including passengers and crew.

Aircraft liability insurance will include the District as additional insured on a primary and non-contributory basis. A waiver of subrogation will apply in favor of the District.

If Contractor shall hire Subcontractor for all operations and risk involving aircraft exposure, this requirement may be satisfied by Subcontractor's policies. Contractor shall impute the insurance requirements stated in this section to Subcontractor by written contract or written agreement. Any exceptions must be mutually agreed in writing with the District.

- 6) **Excess Insurance:** Excess (or Umbrella) Liability insurance with a minimum limit of \$10,000,000 per occurrence and in the aggregate when combined with underlying primary limits. This insurance shall provide coverage in excess of the underlying primary liability limits, terms, and conditions for each category of liability insurance in the foregoing subsections 1 and 2. If this insurance is written on a claims-made policy form, then the policy shall be endorsed to include an automatic extended reporting period of at least five years.

Umbrella/Excess liability insurance shall include the District as additional insured on a primary and non-contributory basis for ongoing operations. A waiver of subrogation will apply in favor of the District.

3. Replace Appendix "A", Revised Rate Schedule (Change Order No. 3) in its entirety with the attached Appendix "A", Revised Rate Schedule - Effective April 12, 2022 (Change Order No. 7).

B. Time of Completion: The revised completion date shall be December 31, 2024.

C. Contract Price Adjustment: As a result of this Change Order, the not to exceed Contract Price shall be increased by the sum of \$3,945,634.13 plus applicable sales tax. This Change Order shall not provide any basis for any other payments to or claims by the Contractor as a result of or arising out of the performance of the work described herein. The new total revised maximum Contract Price is \$12,203,270.13, including changes incorporated by this Change Order.

- D. Except as specifically provided herein, all other Contract terms and conditions shall remain unchanged.

Public Utility District No. 2
of Grant County, Washington

MacKay and Sposito, Inc.

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

APPENDIX “A”
REVISED RATE SCHEDULE – EFFECTIVE APRIL 12, 2022 (CHANGE ORDER NO. 7)

DIRECT EXPENSES:

Classification	Hourly Rate	Overtime Rate
Vice President QA/QC	\$161.68	\$161.68
Project Manager	\$146.55	\$190.77
Senior Civil Inspector, Onsite Representative	\$130.27	\$169.82
Senior Construction Manager	\$193.09	\$251.26
Construction Manager	\$138.42	\$180.30
Office Technician	\$131.42	\$171.00
Senior Civil Inspector	\$118.63	\$154.69
Civil Inspector	\$103.51	\$134.92
Electrical Inspector	\$165.17	\$215.20
Construction Management Coordinator	\$69.78	\$69.78
Project Financial Controller	\$105.84	\$105.84
Survey Technician 1	\$102.35	\$102.35
Land Surveyor II	\$137.25	\$177.98
1-person Survey Crew		
Survey Party Chief	\$186.13	\$241.97
2-person Survey Crew		
Survey Party Chief	\$186.13	\$241.97
Survey Instrument Person	\$53.49	\$69.78
Survey Project Manager	\$164.00	\$213.20
UAV Pilot	\$140.00	\$182.00
Travel Rate	\$69.78	\$88.17
UAV Classifications	Rate Each	
Priest Rapids Right Embankment Site Only		
UAV Geotagged Images Only Without GCPs	\$3,500.00	
UAV Geotagged Images Only With GCPs	\$6,500.00	
UAV Hi-Res Orthorectified Mosaic Image	\$7,500.00	
UAV Hi-Res Orthorectified Mosaic Image and Digital Surface With +/- 0.5' Contours on Bare Dirt or Short Grass	\$9,500.00	

Straight Time: Straight time is defined as work performed during the assigned shift period. Normally, the assigned shift is 8-10 hours each day. The regular work week is Monday through Sunday. Hourly rates shall not be charged to and from normally assigned work locations.

Overtime: Time worked beyond 40 hours in a work week (Monday through Sunday) is considered overtime. All work performed on District Holidays is considered overtime.

Any costs not included above must be included and specifically approved by the District Representative in a task authorization

Fixed hourly billing rates shall be in US Dollars and include all i) payroll, payroll taxes and fringe benefits; ii) all reproduction and printing costs including electronic media; iii) communications costs including all phones, faxes, internet, postage, shipping, delivery, couriers; iv) computer, software, printers, scanners, office machines and related costs of operations including consumables; v) insurance costs; vi) indirect and overhead burden; and vii) profit.

REIMBURSABLE EXPENSES:

Reimbursable expenses are those reasonable and necessary costs incurred on or directly for the District's project, including necessary transportation costs, meals and lodging. Any actual expenses in non-US dollars will be converted using the conversion tables at www.x-rates.com for the applicable period. Reimbursement will be subject to the following limitations:

Meals and Incidental Expenses: Meals and incidental expenses will be limited to the Federal Per Diem rate for meals and incidentals established for the location where lodging is obtained. The current rate for all Grant County locations is \$59 per day. Federal Per Diem guidelines which includes the meal breakdown and Federal Per Diem rates for other locations can be found at www.gsa.gov.

Lodging: Lodging will be billed at cost, including applicable taxes, not to exceed 200% of the Federal Per Diem maximum lodging rate for the location where the work is being performed. The current federal maximum lodging rate for all Grant County locations is \$96. The District Representative may increase this limit in writing when circumstances require.

Rental Housing: With the prior approval of the District's Representative, Contractor or its employees may rent a house on a long-term basis and pay costs associated with the housing rental in accordance with Section 301-11 of the Federal Travel Regulations. Rental will be reimbursed on an actual cost basis not to exceed the allowable daily lodging rate. Contractor shall submit a copy of the rental housing agreement and receipts for all allowed expenses to the District with its invoice. Contractor and its employees shall be responsible for all other obligations, including but not limited to maintenance, any damage they cause to the property, or costs in excess of what would have been incurred using standard lodging which arise under or by virtue of the rental agreement and shall indemnify and hold harmless the District therefrom.

During the establishment of a new rental agreement, the District shall reimburse the Contractor for both first and last months' rent at the time those costs are incurred. Refundable deposits (damage, pet, etc.) are not eligible for reimbursement by the District. During the last month of the rental agreement, no lodging costs shall be invoiced to the District, due to the prepayment at the time of establishment of the rental agreement.

Recreational Vehicle (Camper/Trailer): Use of a recreational vehicle is authorized at a daily rate of 60% of the standard lodging rate. This will be reimbursed at the daily rate with no receipts required. This rate covers all expenses related to use including mobilization, parking fees, fees for connection, use, and disconnection of utilities, electricity, gas, water and sewage, bath or shower fees, and dumping fees which may be considered a lodging cost.

Travel: Travel costs (mileage and labor) will be paid per the following:

Ground transportation by privately owned vehicle, if utilized, will be based on actual miles driven and will be billed at the Internal Revenue Service mileage rate for privately owned vehicles in effect at the time of travel. Other travel cost arrangements can be approved by the project District Representative in the task authorization. **Appropriate insurance coverage should be included in the Contractor's insurance policies.**

Sub-consultants/Subcontractors: Services requested by the District, verifiable by applicable supporting documentation or at specified rates, will be reimbursed to Contractor at cost plus a maximum handling charge of 10%. See Appendix A-1.

Other: All other expenses will be based on actual costs and include appropriate documentation.

Reimbursable expenses must be accompanied by receipts for hotel and any other support documentation as the District may require.

Change Order Table

Contract Title: Construction Inspection, Construction Management, and Construction Materials
Sampling and Testing

Contract No.	430-3217	Award Date:	8/22/2011
Project Manager:	Chris Steinmetz	Original Contract Amount:	\$4,500,000.00
District Representative (If Different):		Original Contract completion:	12/31/2016
Contractor:	MacKay & Sposito, Inc.	Total CO Cost Change Amt	\$7,703,270.13

CO#	Change Description	Approved by	Approval Date	Revised Completion Date	Cost Change Amount	Revised Contract Amount	Authority Level Tracking
1	No cost CO to add Appendix . A-2, Okanogan County Subcontractor Rates	Dept Mgr	06/05/13	N/A	\$0.00	\$4,500,000.00	
2	Increase Contract Price.	Comm	02/10/15	N/A	\$2,107,636.00	\$6,607,636.00	\$2,107,636.00
3	Replace Appendix "A" - Rate Schedule and extend Contract completion date.	DR Supvr	11/17/16	12/31/18	\$0.00	\$6,607,636.00	\$0.00
4	Increase Contract Price and extend Contract completion date.	Comm	10/11/18	06/30/21	\$1,650,000.00	\$8,257,636.00	\$1,650,000.00
5	Add rental housing and RV reimbursable language to Appendix A.	Dept Mgr	12/04/19	N/A	\$0.00	\$8,257,636.00	\$0.00
6	Extend Contract completion date.	Dept Mgr	06/09/21	12/31/23	\$0.00	\$8,257,636.00	\$0.00
7	Increase Contract Price, extend Contract completion date, add Aircraft & Excess Insurance coverage to Section 8.A, and Replace Appendix "A" - Rate Schedule.	Comm		12/31/24	\$3,945,634.13	\$12,203,270.13	\$3,945,634.13
Total Change Order Cost Change Amount					7,703,270.13		