

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

CASCADE NATURAL GAS
CORPORATION,

Respondent.

DOCKET UG-240008

CASCADE NATURAL GAS CORPORATION
THIRD EXHIBIT TO THE
DIRECT TESTIMONY OF ERIC P. MARTUSCELLI

March 29, 2024

PROVISIONAL ADDITIONS TO PLANT IN SERVICE

2024 – 2025 Minor Projects

SPECIFIC PROJECTS

Funding Project	Description	FERC Account No.	WA 2024 Cascade Plant Additions	WA 2024 Estimated In-Service Date	WA 2025 Cascade Plant Additions	WA 2025 Estimated In-Service Date
FP-320999	UG ThoughtSpot Betterment CNG	303	\$44,563	12/31/2028	\$48,577	12/31/2028
FP-321795	RP; 3" ST; BELL; 2549 ALLEY PROJ	376.1	\$166,246	3/30/2024	\$0	
FP-321861	RF; 6" PE; KENN; 2000' OLYMPIA	376.3	\$31,306	4/15/2024	\$0	
FP-321983	GR; 2" PE; VIEW; 6,000'	376.3	\$20,447	1/15/2024	\$0	
FP-322598	Install Generator -Bremerton Office	390.1	\$126,213	8/1/2024	\$0	
FP-323530	Instl PE Main McCormick N Pt Orchr	376.3	\$131,189	3/1/2024	\$0	
FP-324259	Repl SAN & FC Switches CNGC GO	397.3	\$75,323	3/15/2024	\$0	
FP-324263	Replace Office Servers CNG	391.3	\$45,194	9/15/2024	\$0	
FP-324267	Pur Emr TrlrCellCommWiFi Hdwr CNGC	397.2	\$0		\$4,534	10/31/2025
FP-324342	RP; 2" ST; BELL; 360'; FLORA/UNITY	376.1	\$72,206	1/30/2024	\$0	
FP-324375	Rpl Main Nelson Rd/Ctr Vly Brmrtn	376.3	\$193,815	4/30/2024	\$0	
FP-324409	UG - Trellis Energy Software CNGC	303	\$149,734	4/1/2024	\$0	
FP-324761	Crack Seal Parking Lot Walla Walla	390.1	\$55,237	6/30/2024	\$0	
FP-324790	Instl Shop Lighting Wentachee	390.1	\$9,541	3/1/2024	\$0	
FP-324847	Instl Back Up Generator Walla Walla	390.1	\$150,645	5/30/2024	\$0	
FP-324946	PUR CONTROL RADIOS AVTEC SYS - WA	397.1	\$3,741	2/29/2024	\$0	
FP-324982	CNG UPS Replacements	391.3	\$13,227	2/15/2024	\$0	
FP-325055	REPLACE SHOP TUBE HEATER BREMERTON	390.1	\$9,404	1/30/2024	\$0	
FP-325187	FRL;2";VIEW'800' OIE HWY	376.1	\$171,343	2/29/2024	\$0	
FP-325196	RP; 6" ST; BELL; 2400'; NORTHWEST	376.1	\$851,810	12/15/2024	\$0	
FP-325206	FRL;2" ST;WAPA;1,000' S.Naches A	376.1	\$229,131	3/29/2024	\$0	
FP-325214	PUR Sensit LZ-30s - Washington	394.1	\$622,666	2/15/2024	\$0	
Total Specific	Provisional Additions to Plant In-Service 2024-2025 --- Minor Projects		\$3,172,980		\$53,111	

FP – 320999 ThoughtSpot Betterment Project

Q. Please describe the UG ThoughtSpot Betterment project.

A. This project is to enhance and build new datasets for the purposes of decision making and awareness through data analysis and reporting. This involves bringing data together from disparate systems into one place to allow for correlation and will allow

Cascade to be more efficient with compliance reporting, scheduling efficiency, load studies, gas supply forecasting and peak day analysis.

Q. What are the estimated costs for the UG ThoughtSpot Betterment project?

A. The total capital investment for the UG ThoughtSpot Betterment project is \$44,563.44 in 2024 and \$48,576.72 in 2025.

FP-321795 Replace 3” Main – Bellingham

Q. Please describe the RP; 3" ST; BELL; 2549 ALLEY PROJ project.

A. Bellingham district. This project is the final planned phase of an ongoing effort to replace aging 3” DP steel main in Bellingham’s downtown core district. The project will involve installing approximately 2,200’ of new 2” steel & PE distribution main. This will be a joint effort with Puget Sound Energy’s undergrounding project in the city’s alleyways. The city as well as other utilities will be replacing most of their facilities during this phase. Trenching and restoration will be provided by Puget Sound Energy’s contractor. Trenching related cost & material and final restoration of hard surfaces will be divided among participating utilities and the city.

The project site is the alleyway between Cornwall St and Commercial St extending from W Chestnut St north to Central Ave.

Q. What are the estimated costs for the RP; 3" ST; BELL; 2549 ALLEY PROJ project?

A. \$166,245.63 in 2024.

FP-321861 Kennewick: Olympia Project

Q. Please describe the RF; 6" PE; KENN; 2000' OLYMPIA project.

A. Kennewick district. Computer modeling indicates a system reinforcement is required in this area because of low design day pressures. Reinforcements are common, due to system growth in existing areas and proactively ensure reliable service for core customers during design day weather events.

Q. What are the estimated costs for the RF; 6" PE; KENN; 2000' OLYMPIA project?

A. \$31,306.04 in 2024.

FP-321983 Euclid Meadows, Grandview

Q. Please describe the GR; 2" PE; VIEW; 6,000' project.

A. Yakima district. This project is revenue growth for a new subdivision names Euclid Meadows in Grandview. Obligation to serve project.

Q. What are the estimated costs for the GR; 2" PE; VIEW; 6,000' project?

A. \$20,447.11 in 2024.

FP-322598 Install Generator – Bremerton Office

Q. Please describe the Install Generator -Bremerton Office project.

A. The Bremerton office does not have a back-up generator. Power outages have occurred in this area, which effectively shut down Cascade's ability to provide proper field support and compromises emergency response.

Q. What are the estimated costs for the Install Generator -Bremerton Office project?

A. \$126,212.50 in 2024.

FP-323530

Q. Please describe the Instl PE Main McCormick N Pt Orchr project.

A. Longview district. Removing and replacing 125' of steel main at the intersection of 15th Ave, and Tennant/Oregon Way due to a cathodic short affecting this system.

Q. What are the estimated costs for the Instl PE Main McCormick N Pt Orchr project?

A. \$131,189.38 in 2024.

FP-324259 SAN and FC Switch Replacement

Q. Please describe the SAN and FC Switch Replacement project.

A. This funding project will replace an aging SAN (storage area network) system and associated Fiber Channel switches in the CNG General Office. The existing SAN and switches are reaching end of life, end of warranty, and must be replaced to receive updates and maintain security standards. The system supports servers in the CNG General Office which are required for gas SCADA systems.

Q. What are the estimated costs for the SAN and FC Switch Replacement project?

A. The total capital investment for this project is \$75,322.50 to install a replacement SAN appliance and associated FC Switches.

FP-324263 Office Server Replacement

Q. Please describe the CNG Office Servers Replacement project.

A. This funding project will replace ageing file servers at 15 regional CNG offices. The existing servers are reaching end of life, end of warranty, and must be replaced to receive updates and maintain security standards.

Q. What are the estimated costs for the CNG Office Servers Replacement project?

A. The total capital investment for this project is \$45,193.50 to install 15 replacement servers at regional CNG office locations.

FP-324267

Q. Please describe the Pur Emr TrlrCellCommWiFi Hdwr CNGC project.

A. Hardware Equipment and Installation for Wi-Fi cellular communication in new emergency response/incident command trailer being purchased for Kennewick district.

Q. What are the estimated costs for the Pur Emr TrlrCellCommWiFi Hdwr CNGC project?

A. \$4,533.93.

FP-324342

Q. Please describe the RP; 2" ST; BELL; 360'; FLORA/UNITY project.

A. Bellingham district. This project is a, HDD install of appx 360'' new 2'' steel main to enable the retirement of ~335' of existing 2'' steel.

This work will be done in conjunction with the planned summer 2023 downtown Bellingham Alley Replacement Project. CNG district crews will be working in conjunction with the City of Bellingham, PSE and other utilities to place/replace existing underground utilities. The project site is along Flora St from N Commercial to Cornwall (alleys) and Central Ave/Unity St, Whatcom Creek corridor.

Q. What are the estimated costs for the RP; 2" ST; BELL; 360'; FLORA/UNITY project?

A. \$72,206.34 in 2024.

FP-324375

Q. Please describe the Rpl Main Nelson Rd/Ctr Vly Brmrtn project.

A. Kitsap County (Bremerton district) is executing a road improvement project along NW Fairgrounds Rd, and Cascade's existing infrastructure conflicts with the County's engineered design, requiring Cascade to relocate its facilities. Per the franchise agreement with Kitsap County, this project is not reimbursable.

Q. What are the estimated costs for the Rpl Main Nelson Rd/Ctr Vly Brmrtn project?

A. \$193,815.11 in 2024.

FP-324409

Q. Please describe the UG-Trellis Energy Software CNGC project.

A. The UG-Trellis Energy Software CNGC project implements a new gas management system through which Cascade Natural Gas will manage its gas supply and services

portfolio, reconcile gas and services costs, manage inventory, and perform scheduling functions. The system also serves as a customer-facing portal to which non-core customers may place gas delivery nominations and view operational balances.

Q. What are the estimated costs for the UG-Trellis Energy Software project?

A. The total capital investment for the UG-Trellis Energy Software project is \$149,733.95 in 2024.

FP-324761

Q. Please describe the Crack Seal Parking Lot Walla Walla project.

A. Crack Seal and asphalt overlay in parking lot of 324 W. Rose St. This portion of the property was the location of the legacy manufactured gas plant (MGP) and Cascade's environmental compliance department has requested this project as a preventative measure against water filtration. The costs for periodic maintenance of the Walla Walla MGP site are not included in any deferral Order.

Q. What are the estimated costs for the Crack Seal Parking Lot Walla Walla project?

A. \$55,236.50 in 2024.

FP-324790

Q. Please describe the Instl Shop Lighting Wenatchee project.

A. Light fixtures are outdated ballast-type, continue to fail, and require continual maintenance. Even when working the lumens are low and this area - the shop, welding, and storage areas – are due for an upgrade.

Q. What are the estimated costs for the Instl Shop Lighting Wenatchee project?

A. \$9,540.85 in 2024.

FP-324847

Q. Please describe the Instl Backup Generator Walla Walla project.

A. The Walla Walla district now houses the Company's back-up Gas Control center, and this location does not have a back-up to the primary electric service. Although power outages are rare, any circumstance that may disrupt the Company's primary Gas Control center in the Kennewick General Office, which has a back-up generator, may be significant enough to impact Walla Walla. It is critical to have multiple layers of back-up power to maintain Gas Control operations in the event of a significant emergency.

Q. What are the estimated costs for the Instl Backup Generator Walla Walla project?

A. \$150,645.00 in 2024.

FP-324946

Q. Please describe the PUR CONTROL RADIOS AVTEC SYS - WA project 2024.

A. The control radios needed to be replaced with newer models to accommodate the functionality of the new AVTEC radio control console installation at the Customer Service Center. The older radios were not compatible with the AVTEC system.

Q. What are the estimated costs for the PUR CONTROL RADIOS AVTEC SYS - WA project 2024?

A. \$3,741.15 in 2024.

FP-324982

Q. Please describe FP-324982 CNG UPS Replacement project.

A. This funding project will replace uninterruptable power supplies (UPS) that are reaching end of life, end of warranty, or end of support status. Replacement is required to maintain reliability, uptime, security standards including the ability to apply software and hardware vulnerability updates. The UPS equipment replaced within this funding project is used to provide reliable backup power and protection to IT and OT/SCADA environments.

Q. What are the estimated costs for FP-324982 CNG UPS Replacements project?

A. The total capital investment for this project is \$13,227.24 in 2024.

FP-325055

Q. Please describe the Replace Shop Tube Heater Bremerton project.

A. The shop tube heater was broken. Parts are obsolete and it needed o be replaced to maintain adequate temperature in the shop.

Q. What are the estimated costs for the Replace Shop Tube Heater Bremerton project?

A. \$9,404.23 in 2024. This equipment has already been replaced.

FP-325187

Q. Please describe the FRL 2” ; ‘VIEW 800’ OIE HWY project.

A. The City of Grandview is requiring CNG to relocate approx. 800' of 2" main and tie over 4 active services for their Old Inland Empire Highway Improvements project.

Per the franchise agreement with the city, this project is not reimbursable.

Q. What are the estimated costs for the FRL 2”; ‘VIEW 800’ OIE HWY project?

A. \$171,343.33 in 2024.

FP-325196

Q. Please describe the RP; 6" ST; BELL; 2400'; NORTHWEST project.

A. This is a remediation project between existing gas infrastructure, installed in 1968, and Whatcom County drainage ditch maintenance. Whatcom County’s ditch cleaning program, over the decades, has created intermittent areas of shallow pipe. This project will mitigate shallow distribution pipeline located in and along the county drainage ditch in the vicinity of Northwest Rd to Larson Rd, by replacing the shallow sections with new sections to an acceptable depth. Ditch cleaning in this section has been halted until this project can be completed. The proposed project area considered will encompass all identified shallow locations for the ~3 miles of pipe. Per the franchise agreement with Whatcom County, this project is not reimbursable.

Q. What are the estimated costs for the RP; 6" ST; BELL; 2400'; NORTHWEST project?

A. \$851,809.52 in 2024.

FP-325206

Q. Please describe the FRL;2" ST;WAPA;1,000' S. Naches A project.

A. The City of Wapato is undertaking a road reconstruction and water main improvement project on Naches Avenue and Cascade’s infrastructure conflicts with the City’s engineered design. Cascade will be removing existing main and installing

new main to mitigate the conflict. Per franchise agreement with the City, this project is not reimbursable.

Q. What are the estimated costs for the FRL;2" ST;WAPA;1,000' S. Naches A project?

A. \$229,130.60 in 2024.

FP-325214

Q. Please describe the PUR Sensit LZ-30s - Washington project.

A. The primary Benefit of the LZ-30 RMLD is for Cascade's technicians to more safely and efficiently respond to gas emergencies and also provides other additional benefits including:

1. Confirming unit is intrinsically safe.
2. Comes with a calibration cell in the carrying case to be used for bump testing.
3. Utilizes laser technology to detect gas up to 100 feet away. During emergency response, technicians will be able to more efficiently identify the source and scope of the leak by eliminating the need to physically walk the emergency location and adjacent areas.
 - a. Allows the tech to detect gas from a safer distance.
 - b. With limited access to backyards and roof tops, the tech can perform leak investigations up to 100 feet away.
 - c. For middle of the night outside leak investigations, the tech can perform their work without disrupting customers to access back yards.

4. Can detect gas through a window for readings inside of a structure without approaching the door.
5. When leak surveyors are unable to gain entry to backyards or fenced areas, the LZ-30 would allow the survey to be completed from outside the fence in most instances.
 - a. Increased tech safety in the instances when surveyor couldn't access because of dog issues.
6. Complete the task more efficiently – districts need to set up appointments with customers to gain access will be minimized.

Q. What are the estimated costs for the PUR Sensit LZ-30s - Washington project?

A. The total capital investment for 2024 is \$622,666.00. 57 individual units, with case and calibration equipment for each for each first responder.

PROGRAMMATIC PROJECTS

Funding Project	Description	FERC Account No.	WA 2024 Cascade Plant Additions	WA 2024 Estimated In-Service Date	WA 2025 Cascade Plant Additions	WA 2025 Estimated In-Service Date
FP-322468	PURCHASE RMLD MT VERNON	394.1	\$16,756	5/30/2024	\$0	
FP-322488	PUR (2) STOP MACHINES MT VERNON	394.1	\$3,970	8/9/2024	\$0	
FP-322580	Purchase MBW Air Rammer Kelso	394.1	\$10,598	3/31/2024	\$0	
FP-322655	Purch (2) RD8100 Locators Mt Vernon	394.1	\$20,141	4/1/2024	\$0	
FP-323791	Purchase Mueller Tools - Bellingham	394.1	\$12,730	4/30/2024	\$0	
FP-323917	PURCHASE BEVELING MACHINE MT VERNON	394.1	\$1,593	3/6/2024	\$0	
FP-323918	Purchase Fresh Air Paks Mt Vernon	394.1	\$10,082	3/6/2024	\$0	
FP-323951	Purch Leak Survey Equip Kennewick	394.1	\$32,138	4/1/2024	\$0	
FP-324015	PUR FORKLIFT SPREADER BAR MT VERNON	394.1	\$3,440	4/30/2024	\$0	
FP-324018	Purchase Steel Squeezer Elma	394.1	\$7,532	4/30/2024	\$0	
FP-324134	PURCH SPREADER BAR BELLINGHAM	394.1	\$4,017	2/28/2024	\$0	
FP-324146	Pur Shop Air Compressor Walla Walla	394.1	\$2,511	2/28/2024	\$0	
FP-324503	Purchase Traffic Plates Walla Walla	394.1	\$6,528	5/28/2024	\$0	
FP-324524	Purch Fork Lift Spreader Bar Kelso	394.1	\$4,017	5/31/2024	\$0	
FP-324527	Purch Fork Lift Spreader Bar Elma	394.1	\$4,017	5/31/2024	\$0	
FP-324530	Purchase Mueller Gate Valves Kelso	394.1	\$4,441	6/30/2024	\$0	
FP-324559	Purchase Shop Welder Bremerton	394.1	\$7,907	2/25/2024	\$0	
FP-324690	Purch Steel Road Plates Kelso	394.1	\$5,022	3/31/2024	\$0	
FP-324695	Purch Leak Survey Equip Kennewick	394.1	\$42,683	6/1/2024	\$0	
FP-325059	Purchase Sensit Gold Kennewick	394.1	\$3,137	2/15/2024	\$0	
FP-325186	PUR VIVAX METROTECH LOCATOR-YAKIMA	394.1	\$3,799	1/30/2024	\$0	
FP-325218	PUR 1 Rivet Buster, Bellingham	394.1	\$1,584	2/28/2024	\$0	
FP-323914	PUR MUELLER GATE VALVES MT VERNON	394.1	\$0		\$4,451	3/31/2025
FP-323953	Purch Gas Detection Equip Kennewick	394.1	\$0		\$34,224	4/1/2025
FP-323956	PURCHASE LEAK DETECTOR MT VERNON	394.1	\$0		\$13,271	4/30/2025
FP-324128	PURCHASE ICE MACHINE BELLINGHAM	398	\$0		\$4,026	2/28/2025
FP-324378	Purchase LMM Walla Walla	394.1	\$0		\$19,219	2/28/2025
FP-324500	Purchase Odorator Walla Walla	394.1	\$0		\$6,069	6/28/2025
FP-324711	Purch Leak Survey Equip Kennewick	394.1	\$0		\$42,781	6/1/2025
FP-101164	IT Network Equipment-CNG	397.2	\$87,401	12/31/2028	\$37,783	12/31/2028
FP-101259	Gas Regulators-Total Company CNGC	383	\$547,265	12/31/2030	\$562,922	12/31/2030
FP-200662	Personal Computers&Peripherals CNGC	391.3	\$113,444	12/31/2028	\$94,457	12/31/2028
FP-316445	Toughbook Replacements-CNG	391.3	\$139,477	12/31/2028	\$139,796	12/31/2028
FP-316832	Office Structure & Eq-Kennewick GO	391.5	\$97,896	12/31/2028	\$148,277	12/31/2028
FP-318211	Communications Equipment CNG	397.2	\$72,377	12/31/2028	\$37,783	12/31/2028
Total Programmatic	Provisional Additions to Plant In-Service 2024-2025 --- Minor Projects		\$1,266,503		\$1,145,059	

2024 Tools and Equipment

Q. Please describe the Tools and Work Equipment for 2024.

A. Tools and work equipment are essential to for Cascade employees to perform work efficiently and safely. Each year, certain tools and work equipment reach their useful life and need to be replaced to continue to perform work safely and efficiently. Tools are used for a variety of purposes including construction, maintenance, compliance, and safety. Not adding or replacing tools when necessary introduces safety risks, inefficiency, and increases O&M maintenance.

Q. What are the associated funding projects descriptions, and cost for Miscellaneous Tools and Work Equipment for 2024?

A.	FP-324134	PURCH SPREADER BAR BELLINGHAM	\$4,017.20
	FP-325218	PUR 1 Rivet Buster, Bellingham	\$1,584.38
	FP-322580	Purchase MBW Air Rammer Kelso	\$10,597.83
	FP-324018	Purchase Steel Squeezer Elma	\$7,532.25
	FP-324524	Purch Fork Lift Spreader Bar Kelso	\$4,017.20
	FP-324527	Purch Fork Lift Spreader Bar Elma	\$4,017.20
	FP-324530	Purchase Mueller Gate Valves Kelso	\$4,441.30
	FP-324690	Purch Steel Road Plates Kelso	\$5,021.50
	FP-323951	Purch Leak Survey Equip Kennewick	\$32,137.60
	FP-324146	Pur Shop Air Compressor Walla Walla	\$2,510.75
	FP-324503	Purchase Traffic Plates Walla Walla	\$6,527.95

FP-323791	Purchase Mueller Tools - Bellingham	\$12,729.90
FP-322468	PURCHASE RMLD MT VERNON	\$16,755.97
FP-322488	PUR (2) STOP MACHINES MT VERNON	\$3,970.10
FP-322655	Purch (2) RD8100 Locators Mt Vernon	\$20,141.35
FP-323917	Purchase Beveling Machine Mount Vernon	\$1,592.80
FP-323918	Purchase Fresh Air Paks Mt Vernon	\$10,082.29
FP-324015	Purchase Forklift Spreader Bar Mount Vernon	\$3,439.73
FP-324559	Purchase Shop Welder Bremerton	\$7,906.85
FP-324695	Purch Leak Survey Equip Kennewick	\$42,682.75
FP-325059	Purchase Sensit Gold Kennewick	\$3,136.74
FP-325186	Purchase Vivax Metrotech Locator Yakima	\$3,799.31

Q. What is the total investment for Miscellaneous Tools and Work Equipment for 2024?

A. \$208,643.00.

2025 Tools and Equipment

Q. Please describe the Tools and Work Equipment for 2025.

A. Tools and work equipment are essential to for Cascade employees to perform work efficiently and safely. Each year, certain tools and work equipment reach their useful life and need to be replaced to continue to perform work safely and efficiently. Tools are used for a variety of purposes including construction, maintenance, compliance, and safety. Not adding or replacing tools, when necessary, introduces safety risks, inefficiency, and increases O&M maintenance.

Q. What are the associated funding projects descriptions, and cost for Miscellaneous Tools and Work Equipment for 2024?

A.	FP-324128	PURCHASE ICE MACHINE BELLINGHAM	\$4,026.40
	FP-323953	Purch Gas Detection Equip Kennewick	\$34,224.40
	FP-324378	Purchase RMLD Leak Survey Tool Walla Walla	\$19,219.01
	FP-324500	Purchase Odorator Walla Walla	\$6,068.79
	FP-323914	PUR MUELLER GATE VALVES MT VERNON	\$4,451.47
	FP-323956	PURCHASE LEAK DETECTOR MT VERNON	\$13,271.01
	FP-324711	Purch Leak Survey Equip Kennewick	\$42,780.50

Q. What is the total investment for Miscellaneous Tools and Work Equipment for 2025?

A. \$124,042.00.

FP-101164

Q. Please describe FP-101164 IT Network Equipment – CNG project.

A. This funding project will replace network and security equipment reaching end of life, end of warranty, or end of support status. Replacement is required to maintain security standards including the ability to apply software and hardware vulnerability updates. The network and security equipment replaced within this funding project is used to provide access to and protect IT and OT/SCADA environments. Security equipment includes firewalls that provide segmentation between systems and cameras that support physical security.

Q. What are the estimated costs for FP-101164 IT Network Equipment – CNG project?

A. The total capital investment for this project is \$87,401.49 in 2024 and \$37,782.73 in 2025.

FP-101259

Q. Please describe the Gas Regulators-Total Company CNGC project 2024-2025.

A. The Company's investment in Gas Regulators-Total Company CNGC is an annual investment intended to accommodate new regulator needs for gas system growth. Additionally, new regulators are also needed to repair and replace existing gas regulator equipment either as needed for upgrades, maintenance, or replacement at the end of useful life. This plant addition is forecasted using historic investment amount, year over year.

Q. What are the actual costs for the Gas Regulators-Total Company CNGC project 2024-2025?

A. \$1,110,187. 2024: \$547,265.00, and 2025: \$562,922.00.

FP-200662

Q. Please describe the FP-200662 Personal Computers & Peripherals CNGC project.

A. The Personal Computers & Peripherals CNGC project replaces Cascade's desktop and laptop devices that are reaching end of life, end of warranty, and/or do not support Microsoft's latest operating systems. They must be upgraded to support it and maintain security standards.

Q. What are the estimated costs for the FP-200662 Personal Computers & Peripherals CNGC project?

A. The total capital investment for Personal Computers & Peripherals CNGC project is \$113,344 to replace approximately 70 devices in 2024 and 94,456.83 in 2025.

FP-316445 - 2024 Toughbook Replacements

Q. Please describe the Toughbook Replacements -CNG project.

A. Toughbooks are laptop mobile computing devices used by field personnel to conduct their work outside of an office environment. The Mobile Toughbook Replacements project replaces mobile Toughbook devices that are reaching end of life, end of warranty, and/or do not support Microsoft's latest operating systems so they must be upgraded to support it and maintain security standards. Mobile Toughbooks are used by Company field personnel to handle service calls, equipment calibration, and for communication.

Q. What are the estimated costs for the Toughbook Replacements -CNG project in 2024?

A. The total capital investment for the programmatic replacement of 37 devices: \$139,477.00.

FP-316445 - 2025 Toughbook Replacements

Q. Please describe the Toughbook Replacements -CNG project.

A. Toughbooks are a laptop mobile computing devices used by field personnel to conduct their work outside of an office environment. The Mobile Toughbook Replacements project replaces mobile Toughbook devices that are reaching end of life, end of warranty, and/or do not support Microsoft's latest operating systems so they must be upgraded to support it and maintain security standards. Mobile Toughbooks are used by Company field personnel to handle service calls, equipment calibration, and for communication.

Q. What are the estimated costs for the Toughbook Replacements -CNG project in 2025?

A. The total capital investment for the programmatic replacement of 36 devices: \$139,796.00.

FP-316832 – Office Structure and Equipment - 2024

Q. Please describe the Office Structure & Equipment – Kennewick GO project 2024.

A. The investment for this project is for planned equipment replacements for end of life, which include building water softener and LED lighting conversion Phase 1. This project also includes miscellaneous furniture replacements which are based on historical annual investment amounts.

Q. What are the estimated costs for the Office Structure & Equipment – Kennewick GO project 2024?

A. \$97,895.85 in 2024. Water Softener: \$10,000; LED Light Replacement Phase 2: \$66,000; Furniture Replacement: \$ 22,000.

FP-316832 – Office Structure and Equipment - 2025

Q. Please describe the Office Structure & Equipment – Kennewick GO project 2025.

A. The investment for this project is for planned equipment replacements to end of life, which include building carpet replacement and LED lighting conversion Phase 2. This project also includes miscellaneous furniture replacements which are based on historical annual investment amounts.

Q. What are the estimated costs for the Office Structure & Equipment – Kennewick GO project 2025?

- A. \$148,276.99 in 2025. Carpet Replacement: \$60,000; LED Light Replacement Phase 2: \$66,000; Furniture Replacement: \$ 22,000.

FP-318211 – Communications Equipment – 2024

Q. Please describe the Communications Equipment CNG project 2024.

- A. The CNGC two-way radio system repeaters need to be replaced due to equipment failures and obsolescence. CNGC has a multi-year project underway to replace all the radio system repeaters on the system.

Q. What are the estimated costs for the Communications Equipment CNG project 2024?

- A. \$72,377.00 in 2024.

FP-318211 – Communications Equipment – 2025

Q. Please describe the Communications Equipment CNG project 2025.

- A. The CNGC two-way radio system repeaters need to be replaced due to equipment failures and obsolescence. CNGC has a multi-year project underway to replace all the radio system repeaters on the system.

Q. What are the estimated costs for the Communications Equipment CNG project 2025?

- A. \$37,783.00 in 2025.