

**City of Saint Paul
USDA RUS REP Application
Electric Utility Upgrade Project
Summary of Construction Costs**

CWP Code	Description	2023	2024	2025	2026	Line Subtotal
600	MISCELLANEOUS DISTRIBUTION EQUIPMENT					
601	G&W Switch	\$176,250	\$108,750			\$285,000
602	Transformers and Sectionalizing Cabinets	\$413,065		\$162,000		\$575,065
603	Airport Feeder Replacement	\$1,405,360			\$1,703,460	\$3,108,820
	600 CONTINGENCY (15%)	\$299,201	\$16,313	\$24,300	\$255,519	\$595,333
	600 SUBTOTAL	\$2,293,876	\$125,063	\$186,300	\$1,958,979	\$4,564,218
1200	GENERATION					
1201	GENSETS INSTALLATION					
	General Mechanical	\$1,042,100				\$1,042,100
	Electrical Construction	\$849,000				\$849,000
	Commissioning & Controls	\$328,000				\$328,000
	HVAC Replacement	\$792,000				\$792,000
	Exhaust System reconfiguration	\$757,325				\$757,325
	Cooling and Heat Recovery reconfiguration	\$403,000				\$403,000
	John Deere Genset Assembly	\$385,000				\$385,000
	Roof Repairs	\$200,000				\$200,000
	Exterior Door Replacement	\$30,000				\$30,000
	Interior lighting efficiency upgrade	\$25,000				\$25,000
1202	FUEL SYSTEM REPLACEMENT					
	Fuel System Replacement	\$1,413,325				\$1,413,325
	Concrete Pads for New Fuel Tanks	\$16,000				\$16,000
	Fuel Filters	\$25,000				\$25,000
	Fuel Control Valves	\$28,000				\$28,000
	Fuel Day Tanks	\$28,000				\$28,000
	Construciton of Day Tank Fuel Room	\$176,000				\$176,000
	New Fire Alarm System	\$62,700				\$62,700
	Installation of New Fire System	\$122,000				\$122,000
1203	SWITCH GEAR IN POWER PLANT					
	Switchgear	\$750,000				\$750,000
	Switchgear installation		\$208,065			\$208,065
1204	WASTE HEAT MAINTENANCE					
	Waste Heat System Maintenance	\$300,000				\$300,000
	1200 CONTINGENCY (15%)	\$1,159,868	\$31,210			\$1,191,077
	1200 SUBTOTAL	\$8,892,318	\$239,275	\$0	\$0	\$9,131,592
	TOTAL CONSTRUCTION WORK PLAN (\$)	\$11,186,194	\$364,337	\$186,300	\$1,958,979	\$13,695,810