

CTC Electrical Contracting, Inc.
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"We Give You The Power"
 Serving Washington & Idaho

Estimate

ADDRESS
 Tom Reed
 Kootenai County Jail - Tom Reed
 5500 N Government Way
 Dalton Gardens, ID 83815

SHIP TO
 Tom Reed
 Kootenai County Jail - Tom Reed
 5500 N Government Way
 Dalton Gardens, ID 83815

ESTIMATE #	DATE
2025- KCNCont2025	04/09/2025

P.O.# / WO# TBD	MEMO KCN Bldg 2025 Elec Maint	JOB ADDRESS 2451 W Dakota Ave Hayden ID
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DATE	DESCRIPTION	AMOUNT
03/03/2024	<p>CTC Estimated Man-Hours per task listed from CTC's Electrical Continuance of Inspection Report as outlined below:</p> <p>IV. RECOMMENDATIONS: CTC has done and recommends a continuation of the following items be continued to be done in 2025:</p> <p>Item 1: Label all electrical panels in the facility per NEC Code *What Voltage 480/277v or 208/120v *What Amperage *Where panel is being feed from *Label all Branch Circuits/Circuit breakers in Panel. **Task Estimated at 40 Man Hours (40MH) = \$4,200.00</p> <p>Item 2: Make a 1-line diagram for all electrical panels in the facility with per NEC Code *This one-line diagram should/must show from Avista's utility power point of origin/KC Main Switch gear throughout the entire facility showing all step up and step-down transformers. *Identify and label 3-phase panels *Identify and label 1-phase panels *Identify and label 480/277v panels *Identify and label 208/120v panels **Task Estimated at 80 Man Hours (80MH) = \$8,400.00</p> <p>Item 3: Investigate and inspect that all panels are properly grounded and that all panels have a separation between the current carrying grounded conductor and non-current carrying grounded conductor. **Task Estimated at 10 Man Hours (10MH) = \$1,050.00</p>	19,950.00

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DATE	DESCRIPTION	AMOUNT
	<p>Item 4: Investigate all panels for proper voltage tolerance for the panels intended voltage. *Check to make sure voltages are the same, within 3%, for all electrical panels in each voltage 480/277v & 208/120v *Tighten all lugs, screws, and terminations in panels to assure good connections and avoid damaging machinery, lights, and attached devices due to voltage/amperage losses or spikes. *Do infrared scanning of breakers and connections and repair any signs of hot spots found accordingly. *Task Estimated at 40 Man Hours (40MH) = \$4,200.00</p> <p>Item 5: Set-up a preventive maintenance program tailored to your new facility. *Monthly voltage testing with so many panels per month being tested for voltage, amperage, infrared hot spots, then tightening all connection points in those scheduled panels. *Set-up a maintenance log/book showing the panels to be tested every month along with the results of the tests along with the findings. *These findings will be addressed immediately, if possible, and the solution or remedy will be noted in the maintenance booklet. *If the problem can NOT be remedied immediately it needs to be logged as a safety issue/emergency repair or if it can be scheduled for a later date. Either way this maintenance procedure needs to be logged and have a check and balance so when issues are found they are addressed as fast as possible so damage to life or apparatus is avoided. *Task Estimated at 20 Man Hours (20MH) = \$2,100.00</p> <p>Item 6: Good Record keeping of all findings, solutions, and problems in a well-documented maintenance log will illustrate trends is a good key to any preventive maintenance program. *Beginning with a solid program from the start with new building will pay dividends in the end.</p> <p>Total Estimate = \$4,200.00 + \$8,400.00 + \$1,050.00 + \$4,200.00 + \$2,100 = Estimate of \$19,950 which will be billed against hourly at \$105/hour.</p> <p>So, for a monthly budget to get this all done in a year = \$19,950/12 months = \$1,662.50 or \$1,750.00/month = Approximately 2 guys for a day (16 man hours/month) , 190 @ \$105.00</p>	

Thank You for your Business and you can either pay by
 ACH or Mail checks to:
 CTC Electrical Contracting, Inc.
 1423 N Molter Road, Suite 813
 Liberty Lake, WA 99019

SUBTOTAL	19,950.00
TAX	0.00
TOTAL	\$19,950.00

Accepted By

Accepted Date

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Certificate Prohibiting Contracts with China

The undersigned do hereby certify that the company contracted with hereby is not currently owned or operated by the government of China and will not for the duration of the contract be owned or operated by the government of China, and that this contract complies with all of the requirements of Idaho Code 67-2359:

CTC Electrical Contracting, Inc.

COMPANY NAME

12-15-2025

DATE

Charles T. Clugston

AUTHORIZED PERSON



AUTHORIZED SIGNATURE:

KOOTENAI COUNTY BOARD OF COUNTY COMMISSIONERS: