

CITY OF YUBA CITY
STAFF REPORT

Date: April 2, 2019
To: Honorable Mayor & Members of the City Council
From: Public Works Department
Presentation By: Benjamin Moody, Interim Assistant Public Works Director

Summary

Subject: Generator Repair for the Harter Water Tank Site

Recommendation: Authorize the City Manager to execute a contract agreement with Holt of California in the amount of \$43,487.00, with the finding that it is in the best interest of the City following approval.

Fiscal Impact: \$43,487.00 Account No. 971227 (Recurring WTP & Water Storage Improvements)

Purpose:

Approve funding with Holt of California to repair the emergency backup generator for the Harter water reservoir tank site.

Background:

Through routine maintenance of the emergency backup generator at the Harter Water Reservoir Tank Site it was found that the generator had metal shavings in the coolant system, which suggested major mechanical issues. The Caterpillar model G3412 natural gas generator was installed in 2005 with 234 hours of service.

The subject generator provides emergency electrical backup power to the tank site. The continued operation of the water reservoir site is critical for the City's water distribution system to maintain appropriate system pressures and meet water demands for the western portion of the City. This is especially critical to maintain summer water demands.

Should power be lost and pressures reduced, staff can hook up temporary generators to the site, but there will be a down time that may jeopardize meeting pressure and water demands that can lead to water compliance issues.

Staff requires council approval to move forward with the contract due to the annual total contract amount exceeding the City's single vendor sole-source amount for the current fiscal year.

Analysis:

Staff requested Holt of California to investigate the issue and provide a quote for the repairs with Holt being the exclusive area Caterpillar dealer and equipment repair shop. The repair cost was determined to be \$43,487.00 compared to a new generator cost of approximately \$187,000.

With this generator being a crucial piece of the systems reliability, staff recommends authorizing the sole source contract with Holt of California in the amount of their repair bid to move forward with the repair work.

Fiscal Impact:

The quote to repair the generator is \$43,487.00. With relatively low hours of use while in service over the last 14 years, staff recommends to repair the generator in lieu of looking at replacing with a new option, due to the substantial cost differences. Capital Improvement Project Budget Account No. 971227 (Recurring WTP & Water Storage Improvements) has available funds programmed to account for the unexpected costs.

Alternatives:

1. Direct staff to conduct a bid process.
2. Do not authorize the work and provide staff direction as to how to proceed.

Alternative bids will be difficult to obtain with Holt being the only area Caterpillar representative.

Recommendation:

Authorize the City Manager to execute a contract agreement with Holt of California in the amount of \$43,487.00, with the finding that it is in the best interest of the City following approval.

Attachments:

1. Generator Exhibit and Holt of California Repair Quote

Prepared By:

/s/ Benjamin K. Moody
Benjamin K. Moody
Interim Assistant Public Works Director

Submitted By:

/s/ Diana Langley
Diana Langley
Interim City Manager

Reviewed By:

Department Head

DL

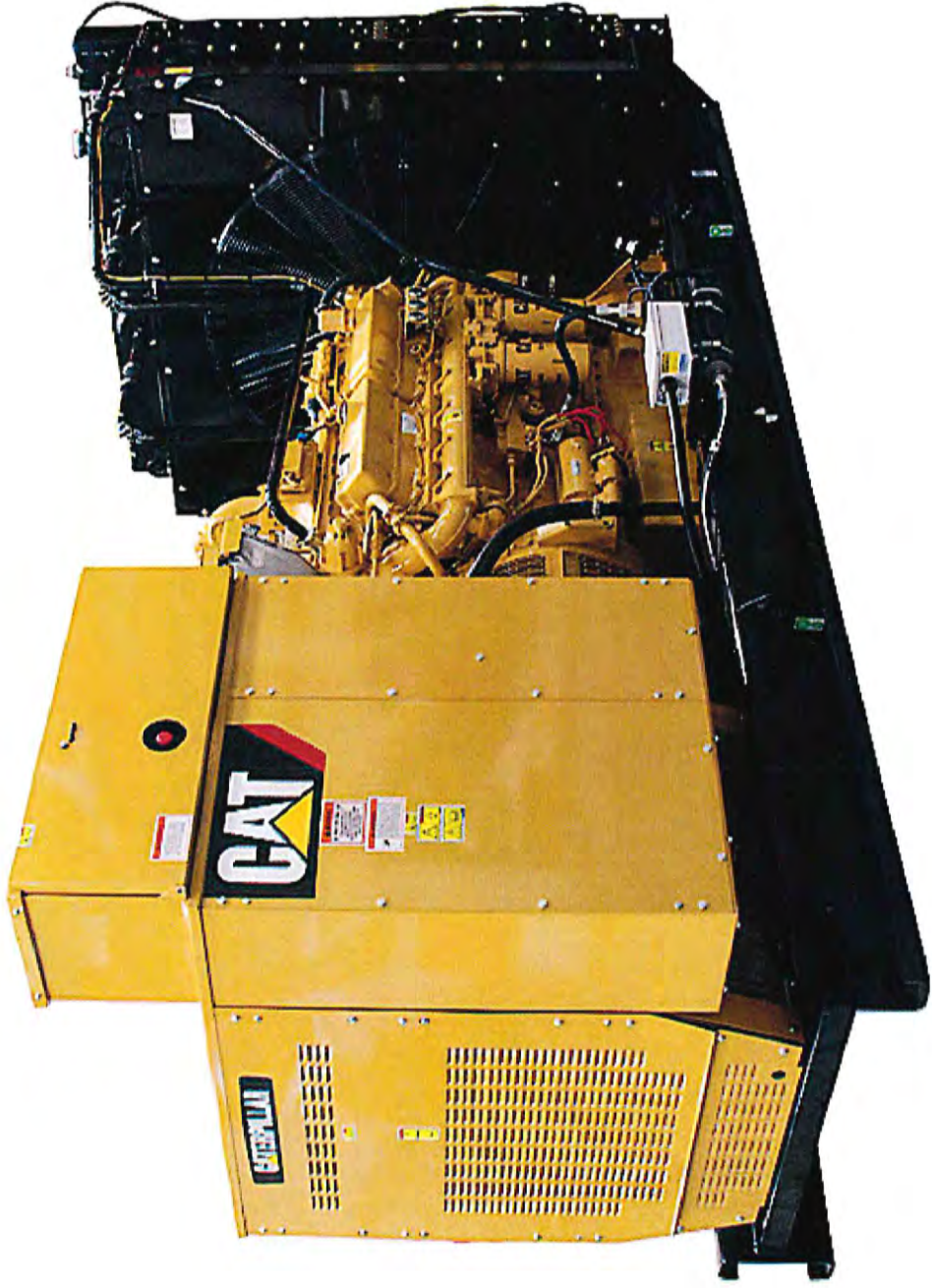
Finance

RB

City Attorney

SLC by email

ATTACHMENT 1





CITY OF YUBA CITY PUBLIC WORKS DEPARTMENT
PUBLIC WORKS DEPARTMENT 1201 CIVIC CENTER BLVD , YUBA
CITY CA

CUSTOMER NO.	QUOTE NO.	DATE	CONTACT
6435500	121027	3/7/2019	ANTHONY BRUNSON
PHONE NO.	FAX NO.	EMAIL	
(530) 845-0212		abrunson@yubacity.net	
MODEL	MAKE	SERIAL NO.	
G3412	CATERPILLAR	0KAP00333	
UNIT NO.	HOURS	WO NO.	P.O. NO.
	234		
NOTE			
PROPOSE TO FURNISH THE SUPPLIES, LABOR, PARTS, AND MATERIALS TO COMPLETE THE WORK DESCRIBED BELOW: THIS PROPOSAL ASSUMES THAT ALL WORK IS BEING COMPLETED DURING HOLT OF CALIFORNIA'S NORMAL BUSINESS HOURS.			

SEGMENT: 01

INSPECT ENGINE (040 1000)
 NOTES:1)DISCONNECT GENERATOR, AND MOVE ENGINE TO HOLTS SHOP.
 2)DISASSEMBLE ENGINE. REMOVE CYLINDER HEADS, AND REMOVE PISTON PACKS, REMOVE LOWER INSPECTION PLATES, SO THE ENGINE CAN BE THOROUGHLY INSPECTED.
 3)ADVISE CUSTOMER OF FINDINGS, AND MAKE ADDITIONAL RECOMMENDATIONS IF NEEDED.
 4)FLUSH ENGINE AND ENSURE ALL METAL SHAVING ARE REMOVED.
 5)REASSEMBLE ENGINE USING ALL NEW SEALS AND GASKETS.
 6)INSTALL NEW OIL COOLER.
 7)INSTALL NEW WATER PUMP IF NEEDED.
 8)INSTALL NEW THERMOSTATS, SEALS, AND GASKET. INSTALL NEW RADIATOR HOSES, AND JWH HOSES. INSTALL NEW RADIATOR CAP. INSTALL NEW BELTS, AND NGEC COOLANT.
 9)INSTALL NEW OIL FILTERS, AND NEW LUBE OIL.
 10)RETURN ENGINE TO YUBA CITY, AND RECONNECT GENERATOR.
 11)TUNE ENGINE, AND ENSURE PROPER OPERATION.

Parts	Total Flat Rate Parts:	6,220.00
Labor	Total Flat Rate Labor:	27,200.00
Labor Summary		
Misc	Total Flat Rate Misc:	10,067.00

Segment 01 Total: 43,487.00

Total Segments: 43,487.00

SUB TOTAL (BEFORE TAXES) 43,487.00

TOTAL ESTIMATE 43,487.00

PO#: _____ Authorized Name: _____ (signature)

Date: _____ (print)

Thank you for this opportunity to serve your company

CONTACT INFORMATION:

Prepared by: Michael Roulet Phone: (916) 642-5426 Email: Mroulet@holtca.com Fax:

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- This estimate will expire 90 days from the estimate date.
 - Price excludes Freight Charges, Operating Supplies/EPA Fees and Overtime.
 - Terms: Net 10th Prox.
 - Sales Taxes where applicable are not included with the above prices.
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Terms and Conditions

Prices quoted are good for 90 days from the estimate date. Pricing includes the specific service listed and excludes freight, handling charges, applicable taxes, overtime, field service labor or additional services unless otherwise noted. All quotes are subject to credit approval.

Holt of California ("Holt") warrants its service labor for 12 months, 1,000 hours or 50,000 miles whichever occurs first from the date of last labor. The warranty does not apply if, in the opinion of Holt, the maintenance or operation is not reasonable and proper. Holt shall not be responsible for the removal or installation of any component installed by anyone other than Holt. All labor shall be provided during Holt 's normal working hours and any travel time, transportation or overtime shall be charged to the customer. In no event shall Holt be responsible, nor should the customer be entitled to any damages for loss of use of the equipment, productivity or any other consequential damages.