



### AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Consider Resolution Waiving Competitive Bidding and Award Labor Contract for Pre-Chamber Upgrade at Geneva Generation Facility.		
Presenter & Title:	Aaron Holton, Superintendent of Electrical Services		
Date:	February 7, 2022		
<b>Please Check Appropriate Box:</b>			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Associated Strategic Plan Goal/Objective: EMS-II			
Estimated Cost: \$ 59,680.95		Budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>If "Other Funding," please explain how the item will be funded:</i>			
<b>Executive Summary:</b>			
<p>The Pre-Chamber Check Valve installation will require expertise in the disassembly and re-assembly of the cylinder heads on the engines at GGF. Altorfer Caterpillar is the local dealer that supports the G16CM34 engines installed at GGF. Altorfer has helped support maintenance on the engines in the past and staff has been satisfied with their quality of work and pricing.</p> <p>Due to the knowledge and expertise required, staff did not seek competitive bids for the installation labor contract.</p>			
<b>Attachments:</b> <i>(please list)</i>			
<ul style="list-style-type: none"> <li>• Resolution</li> <li>• Memo from Superintendent Holton</li> <li>• Quote from Altorfer Caterpillar</li> </ul>			
<b>Voting Requirements:</b>			
<p><i>This motion requires 7 affirmative votes for passage.</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the aldermen or trustees has resulted in a tie; (b) when one half of the aldermen or trustees elected have voted in favor of an ordinance, resolution, or motion even though there is no tie votes; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
<b>Recommendation / Suggested Action:</b> <i>(how item should be listed on agenda)</i>			
Recommend approval of Resolution Waiving Competitive Bidding and Award Labor Contract for Pre-Chamber Upgrade at Geneva Generation Facility to Altorfer Caterpillar in the amount of \$59,680.95.			

**RESOLUTION NO. 2022-24**  
**RESOLUTION WAIVING COMPETITIVE BIDDING AND AWARD LABOR**  
**CONTRACT FOR PRE-CHAMBER UPGARDE AT GENEVA GENERATION FACILITY**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a Labor Contract with Altorfer Caterpillar for the installation of upgrade parts at Geneva Generation Facility in the amount of \$59,680.95.

**SECTION 2:** This Resolution shall become effective from and after its passage as in accordance with law.

**PASSED** by the City Council of the City of Geneva, Kane County, Illinois, this 7<sup>th</sup> day of February, 2022.

**AYES: \_\_ NAYS: \_\_ ABSENT: \_\_ ABSTAINING: \_\_ HOLDING OFFICE: \_\_**

Approved by me this 7<sup>th</sup> day of February, 2022.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk



**PUBLIC WORKS DEPARTMENT  
MEMORANDUM**

February 7, 2022

**Memo To:** Mayor Burns and Members of the City Council

**From:** Aaron Holton, Superintendent of Electrical Services

**Re:** Recommendation to waving competitive bidding and award labor contract for pre-chamber upgrade at Geneva Generation Facility.

Each cylinder on the engines at GGF has a device called a Pre-Chamber Check Valve. These valves are used to allow a small amount of natural gas to flow into the Pre-Chamber, which is then ignited and this flame is used to ignite the fuel mixture in the cylinder combustion chambers. The design of the Pre-Chamber Check Valve used at GGF is original to the engines, and is no longer in production.

To install the parts, the cylinder heads will need to be removed from the engines, the old parts remove and the new parts installed, then the cylinder heads will be re-installed on the engines. Finally the engines will be test run and calibrated.

Labor to install the parts will require the City to use an outside contractor due to the expertise required and the length of time to complete the upgrade. Altorfer Caterpillar is the local dealer with experience in maintaining the G16CM34 engines installed at GGF. Considering expertise required and the 3 weeks the work is anticipated to take to complete and potential travel involved, staff made the decision to not competitively bid the labor contract.

As part of the work at GGF, City staff will be assisting to gain more experience in these types of maintenance operations, as a goal to increase our ability to support the operations in-house.

**Staff Recommendations:**

After reviewing the material required staff recommends waiving competitive bidding and award labor contract to install upgrade parts at Geneva Generation Facility to **Altorfer Caterpillar in the amount of \$59,680.95.**

Cc: Stephanie Dawkins, City Administrator  
Rich Babica, Director of Public Works  
Jose Ruiz, Manager of Electric Operations

**CITY OF GENEVA**  
 1800 SOUTH ST  
 GENEVA 60134

CUSTOMER NO.	CONTACT	PHONE NO.	FAX NO.	WORK ORDER NO.
683605	AARON HOLTON	630-232-1503		
QUOTE NO.	OPP NO.	DATE	Email	
118108	133517	10/5/2020		
MAKE	MODEL	SERIAL NO.	UNIT NO.	
AA				

**NOTES**

BUDGETARY ESTIMATE TO INSTALL PRE-CHAMBERS AND SPARK PLUGS ON FIVE GCM ENGINES. INCLUDES TRAVEL/PER DIEM/HOTEL. ALL WORK TO BE PERFORMED MON-FRI ON REGULAR TIME. ESTIMATE WORK TO TAKE APPROX. 3 WEEKS TO COMPLETE.

**SEGMENT: 01**      INSTALL PRECHAMBER/NOZZLE ADAPTER (1106 )  
 NOTES:

**Parts**

Qty	Description	Unit Price	Ext Price
		<b>Total Parts:</b>	0.00

**Labor**

**Total Labor:**      51,465.00

**Labor Summary**      TRAVEL AND FIELD LABOR

**Misc**

**Description**

HOTEL  
 PER DIEM  
 MILEAGE

**Total Misc:**      8,215.95

**Misc Summary**      PER DIEM/HOTEL/MILEAGE

**Segment 01 Total:**      59,680.95

**Total Segments:**      59,680.95

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**TOTAL ESTIMATE (BEFORE TAXES)**      59,680.95

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**NOTES:**

- This estimate will expire 30 days from the estimate date.
- Price excludes Freight Charges, Operating Supplies/EPA Fees and Overtime.
- Sales Taxes where applicable are not included with the above prices.
- Ask about Cat Financial Payment options.
- Caterpillar REMAN parts will be utilized, where applicable.
- Above pricing assumes all REMAN cores will meet Caterpillar Full Core Credit criteria. If cores do not meet the Caterpillar Full Core Credit criteria, additional charges will apply.
- Any additional repairs found during disassembly or testing will be quoted at that time.
- If parts needed on emergency order basis, extra order processing fee and expedited shipping cost may apply.

**ESTIMATED REPAIR TIME:** \_\_\_\_\_ from start date

**"The Signature is an authorization to proceed with the required repair work as described within the quote".**

**Issued PO#** \_\_\_\_\_, **Authorized Name** \_\_\_\_\_ **Please Print.**

**Date** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_.

\_\_\_\_\_  
Signature

Any Questions? Please Call Robert Pierson at 319-365-6500 x2288  
(fax: 319-365-5493 - email: rpierson@altorfer.com).