



CITY OF NOVI CITY COUNCIL
DECEMBER 18, 2023

SUBJECT: Consideration of approval to award our currently contracted vendor, American Generator Sales and Service, LLC, the City of Novi Fire Station #2 and Fire Station #3 generator replacement project in the amount of \$163,311.09.

SUBMITTING DEPARTMENT: Public Safety and Integrated Solutions

EXPENDITURE REQUIRED	\$163,311.09
AMOUNT BUDGETED	\$163,500.00
APPROPRIATION REQUIRED	\$0
LINE ITEM NUMBER	101-265.00-976.150

BACKGROUND INFORMATION:

The current Cummins generators and automatic transfer switches (ATS) located at Fire Station #2 and Fire Station #3 were manufactured in 2001. Both generators are identical and supply 35kW of energy to each building in the event of a power outage.

In early 2023, back-to-back ice storms resulted in multiple days without power at both locations. While both backup generators started running during the outage, they could not supply power to the entire building, which forced us to utilize a second temporary generator. After performing load test studies on each generator and calculating energy requirements for each building, it was determined that the current 35kW generators are drastically underpowered. As a result, the existing generators were never configured to supply power to a second breaker panel that runs essential items in the living space areas including heat, lighting, and outlets. Configuring the current generators to power the entire building would put them at over 100% capacity.

The attached quotes for consideration are to replace the generators at Fire Station #2 and Fire Station #3, including the automatic transfer switches. The replacement generator for Fire Station #2 is a Blue Star 60kW generator while the latter is a Blue

Star 50kW generator. Each replacement generator and ATS is spec'd to supply power to the entire building including essential items based on the studies from each location. The total cost includes removal and disposal of the current units, installation, new concrete pads, connection to the existing gas lines, permits, training, and the re-installation of our GenTracker system which was installed in 2022 and is compatible. Installation of both units will be provided by American Generator Sales and Service, LLC which is currently under contract with the City of Novi to perform all of our generator service needs. The Blue Star generator brand comes with a 2-year 2000-hour warranty and matches those recently installed at Meadowbrook Commons and DPW.

RECOMMENDED ACTION: Consideration of approval to award our currently contracted vendor, American Generator Sales and Service, LLC, the City of Novi Fire Station #2 and Fire Station #3 generator replacement project in the amount of \$163,311.09.