



CITY OF HOLLYWOOD, FLORIDA

DEPARTMENT OF PUBLIC UTILITIES / WASTEWATER TREATMENT PLANT

DATE: July 20, 2016 **FILE:** WW-16-15
TO: Paul A. Bassar, Contract Compliance Officer
VIA: Steve Joseph, P.E. Director Public Utilities
VIA: Francois Domond, P.E. Deputy Director Operations
FROM: Coy Mathis, Public Utilities Manager, Wastewater Treatment Plant
SUBJECT: Allied Universal Corporation B002576 – Additional Quantities Required

2016 JUL 22 PM 3:38
CITY OF HOLLYWOOD
PROCUREMENT SERVICES
DIVISION

ISSUE:

Additional quantities required with Allied Universal Corporation for the supply and delivery of sodium hydroxide.

EXPLANATION:

Sodium Hydroxide is used to neutralize hydrogen sulfide odors produced in incoming wastewater flows. Broward County and Florida Department of Environmental Protection Air Quality regulations protect Public Health and Safety in establishing standards for the release of Hydrogen Sulfide odors to the atmosphere for Wastewater Facilities. With the recent completion of the Headworks Rehabilitation/Upgrade Project of the pretreatment process equipment and structures, more additional hydrogen sulfide gas is being treated by our Odor Scrubbers than prior years. Therefore, it is necessary to request additional gallons of Sodium Hydroxide to neutralize the additional Hydrogen Sulfide gas to protect Public Health and Safety. Based on our current usage rate of approximately 1000 gallons every 10 days an additional 21,164 gallons at \$1.89 per gallon of Sodium Hydroxide is needed at a cost of \$40,000.00. Our usage rate of Sodium Hydroxide is estimated and it is subject to fluctuations in the event of higher and lower influent flows.

RECOMMENDATION:

I recommend approval of additional Sodium Hydroxide at a cost of \$40,000.00 from Allied Universal Corporation B002576.

Cc: Robert Lowery, Procurement Contracts Officer