

## SAIC lands \$38M contract to support HollyFrontier refineries

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Science Applications International Corp. has been awarded a \$38 million contract by Holly Refining & Marketing to provide design-build services at its Tulsa refineries. (Rip Stell)

TULSA – Science Applications International Corp. is working on several projects for Holly Refining & Marketing Co. – Tulsa LLC to create more efficient refineries.

In November, SAIC announced a \$38 million contract with the company to provide design-build services for a sodium hydrosulfide unit and an amine unit. It will also complete a portion of an interconnecting piping project for the refineries.

While the announcement was made recently, the contract was effective in August and work started then, said Michael Gwyn, president of SAIC Constructors LLC.

The projects are scheduled to be completed in 2013.

Holly Corp. purchased two existing and independent Tulsa refineries in 2009 – the Sunoco Refinery, now referred to as the Holly Refining Tulsa West Plant, and the Sinclair Refinery, now known as the Holly Refining Tulsa East Plant. Dallas-based Holly merged with Frontier Oil Corp. this year to create HollyFrontier Corp.

The company has said it planned to integrate its Tulsa operations to raise yields while lowering operating costs.

A sodium hydrosulfide unit converts hydrogen sulfide gas into a saleable liquid product that has other industrial uses, Gwyn said.

The amine unit primarily removes hydrogen sulfide from various refinery gases, he said.

The interconnecting piping project for the refineries will connect the assets between the West Plant and East Plant to allow them to operate as one refinery, Gwyn said.

The projects will require about 30,000 feet of piping, he said. The original interconnecting piping project included about 45,000 feet of piping inside the East and West plant property lines.

“The primary design challenges involved finding acceptable routings for the new piping to fit in and around the existing piping and equipment,” Gwyn said. “Extensive research and site investigations were required to find acceptable pipe routings and tie-in locations.”

The primary construction challenge involved working safely alongside the HollyFrontier operations staff in a fully operational refinery on a project job site that is literally square miles large, Gwyn said. The East and West plants are 1.5 miles apart.

“The attention to the details by both HollyFrontier and SAIC allowed all work on the interconnecting piping project to be completed safely – there were no lost-time incidents on the project,” Gwyn said.

SAIC will subcontract the pipe project, he said.

“SAIC continues to provide engineering, procurement and construction services on multiple

projects for HollyFrontier," Gwyn said, "including its interconnecting piping and diesel hydrotreater revamp projects in Tulsa."

A hydrotreater removes sulfur from natural gas and refined petroleum products.

"We are excited to be working on these projects in the Tulsa community where we have more than 125 employees in our facilities and design-build operation," Gwyn said.

SAIC, a Fortune 500 scientific, engineering and technology company, employs 41,000 people in the U.S. Department of Defense, the intelligence community, the U.S. Department of Homeland Security, other U.S. government civil agencies and selected commercial markets.

The McLean, Va.-based company reported revenues of \$11 billion in its fiscal year that ended Jan. 31.

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