



UPF | URANIUM PROCESSING FACILITY



The Uranium Processing Facility (UPF) will be a first-of-its-kind complex for enriched uranium operations in support of Y-12 National Security Complex missions.

UPF is a multiple building complex in which each building can be constructed to the safety and security requirements appropriate to the building's functions. This provides cost-saving opportunities in both building construction and equipment installation.

Using a "build to budget" strategy, the National Nuclear Security Administration (NNSA) has committed to Congress to provide these facilities in order to cease enriched uranium operations in Building 9212. UPF will be built by 2025 for no more than \$6.5B through a series of seven subprojects:

- Site Readiness – completed on time and under budget
- Site Infrastructure and Services – underway
- Substation
- Mechanical/Electrical Building
- Process Support Facility
- Salvage and Accountability Building
- Main Process Building



Background

The Y-12 National Security Complex provides enriched uranium for national defense, naval reactor fuel, nuclear power and medical isotopes. Currently, these operations reside in buildings built during the Manhattan Project and Cold War eras that are inefficient and costly to operate and maintain.

UPF is one of the Department of Energy's largest investments in Tennessee since the Manhattan Project and one of the National Nuclear Security Administration's largest construction projects. When complete, UPF will:

- Replace a 70-year-old facility with modern buildings designed and constructed to modern safety and security standards;
- Reduce operational costs and energy consumption;
- Improve worker safety; and
- Allow more efficient mission delivery.

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Key Facts

- **UPF is moving forward.** UPF is moving forward to replace enriched uranium processing capabilities in Building 9212 by 2025 for \$6.5 billion.
- **UPF is good for Tennessee and good for the country.** UPF construction will create thousands of jobs, improve safety and security and positively impact the economy.
- **UPF is vital to the nation's nuclear security.** UPF is a modernization project that will provide enriched uranium capabilities well into the future.

Economic Impact

As one of the largest construction projects in Tennessee history, UPF will have a significant impact on local and state economies. At the peak of construction, as many as 2,400 people will work on the UPF Project, with another 8,000 supporting jobs in surrounding communities.

A study conducted by the University of Tennessee Howard H. Baker Jr. Center for Public Policy concluded that there would be a \$5.7 billion increase in state gross domestic product (GDP) in the state during UPF construction, as well as significant increases in sales and use tax revenues.

Procurement

For the latest procurement opportunities, visit

<http://www.y12.doe.gov/suppliers/procurement/subcontracting/subcontracting-forecasts>

To register to become a supplier, visit <https://supplier.bechtel.com/>

To enroll in the vendor directory and to receive more information about the project, send your company's information to UPFprocurement@y12.doe.gov