

## Interim Award Fee Evaluation Period 2 Determination Scorecard

Contractor: Fluor Federal Services, Inc.  
Contract: DE-EM001131, Task Order: DE-DT0007774

Interim Award Fee Evaluation Period: Period 2 (August 1, 2015 – July 31, 2016)

Basis of Evaluation: Award Fee Plan for Fluor Federal Services, Inc., Interim Award Fee Evaluation Period August 1, 2015 to July 31, 2016

Categories of Performance: Subjective: \$1,807,505.75

PBI: \$4,217,513.42

Stretch: \$0

Award Fee Available: \$ 6,025,019.17

**Award Fee Earned: \$3,324,360.81 (%55.18)**

### Categories of Performance Award Fee

#### Award Fee Area Adjectival Ratings

Base Fee Available: 30% of total available fee (\$1,807,505.75, available).

1. Quality and Effectiveness of Documents and Associated Support (20%):
2. Quality and Effectiveness of ESH&QA (35%):
3. Quality and Effectiveness of Program/Project Support (25%):
4. Quality and Effectiveness of Program/Project Management (20%):

● Satisfactory (50%)

● Satisfactory (50%)

● Good (51%-75%)

● Satisfactory (50%)

The overall fee awarded based on these grades is: **\$1,016,721.98.**

$$[(0.2 \times 0.5) + (0.35 \times 0.5) + (0.25 \times 0.75) + (0.2 \times 0.5)] \times \$1,807,505.75 = \$1,016,721.98$$

This amount takes into consideration FFS's overall performance, both positive and negative. In one of the four adjectival area ratings, the contractor has exceeded some of the award fee criteria and has met overall cost, schedule or technical performance requirements of the Task Order in the aggregate as defined and measured against in the evaluation criteria. It should be noted that with changes in some Key Personnel including the FFS Project Manager, there was continuous improvement in all areas of performance this evaluation period. While improvement is still required, the positive impact is observed.

*Quality and Effectiveness of Documents and Associated Support:* FFS documents and associated support meet the requirements of the contract. There was a smooth transition of the remediation program support from the former Remediation Contractor (LATA Environmental Services of Kentucky, LLC) to FFS. There are still areas that require improvement and ongoing corrective actions appear to be satisfactory (Stabilization and Deactivation planning, Nuclear Criticality Safety (NCS) Moisture Event Causal Analysis, and Solid Waste Management Unit 4 field work errors)

*Quality and Effectiveness of ESH&QA:* FFS has had very good Days Away, Restrictions and Transfers and Total Recoverable Cases metrics. FFS was unsatisfactory at one point during the evaluation period due to the severity of issues related to the Integrated Safety Management System program review. However, FFS has now completed multiple actions under the safety recovery plan and has moved into the satisfactory rating category due to the intensive focus on completing the actions identified as a result of the review. There are still areas that need to improve; however, corrective action plans appear to be satisfactory (Nuclear Criticality Safety Evaluations, housekeeping, Radiological Work Permit implementation, issues management system).

*Quality and Effectiveness of Program/Project Support:* Overall FFS project support organizations are responsive and continue to seek cost savings. Communication with DOE has improved and information is shared openly, which improves overall responsiveness to DOE's external stakeholders (Citizens Advisory Board, regulators, public, Paducah Economic Development). Areas of public and regulatory interface continue to be the driver for a rating of good in this category.

*Quality and Effectiveness of Program/Project Management:* With the approval of the Contractor Performance Baseline and additional implementation of Baseline Change Requests, baseline management is satisfactory. Cost projections and funds management have improved to satisfactory. FFS is completing training of Cost Account Managers and preparing for Earned Value Management System assessment in Period 3, which should continue the trend of improvement.

#### Performance Based Incentives Award Fee

Performance Based Incentive Fee Available: 70% of total available fee (\$4,217,513.42 available).






##### 1. Facility Deactivation & Stabilization (50% of total PBI fee)

- |  |                               |
|--|-------------------------------|
| a) Complete removal lube oil in the process buildings (\$316,313.51)                       | ● Met (\$316,313.51)          |
| b) Complete in-situ chemical deposit and mechanical removal activities as specified below: |                               |
| i. Complete construction and functional testing of all 10 PCTCs and ATCs(\$134,433.24)     | ● Met (\$134,433.24)          |
| ii. Develop QSNDA measurement system   |                               |
| a. measuring waste drums of trapping media(\$134,433.24)                                   | ● Not Met (\$0)               |
| b. implementation of the NCS CI limits (\$403,229.72)                                      | ● Not Met (\$0)               |
| iii. Develop nuclear criticality safety limits (step out criteria) (\$224,055.4)           | ● Partially Met (\$42,570.53) |
| iv. In C-337 (including C-337-A), complete   |                               |
| a. in-situ chemical deposit removal of 12 cells (\$224,055.4)                              | ● Not Met (\$0)               |
| b. in-situ chemical deposit removal of 12 additional cells (24 cells total) (\$224,055.4)  | ● Not met (\$0)               |
| c. disposal of 40% of all loose fissile material (\$224,055.4)                             | ● Met (\$224,055.4)           |
| d. removal and disposal of 10% of the items requiring mechanical removal (\$224,055.4)     | ● Not Met (\$0)               |
| v. In C-333 (including C-333-A),   |                               |
| a. complete facility modifications (\$95,292.04)   | ● Deferred to Period 3        |
| b. maintain in-situ chemical deposit removal (\$95,292.04)                                 | ● Deferred to Period 3        |
| c. In C-360, removal and disposal of 50% of the fissile material (\$190,584.07)            | ● Deferred to Period 3        |









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### 2. Utility and Laboratory Optimization

- a) Complete reconfiguration of the 14kV Power Distribution System (\$347,944.86)  Met (\$347,944.86)
- b) The contractor shall complete full de-inventorying and deactivation of the C-727
  - i. Complete clean-out, leaving nothing remaining in the facility (128,106.97)  Met (128,106.97)
  - ii. Complete air gapping all utilities services (\$56,936.43)  Met (\$56,936.43)
  - iii. Complete disposal of all wastes generated from the project. (\$42,702.32)  Met (\$42,702.32)
  - iv. Complete all tasks necessary to downgrade the facility (\$56,936.43)  Met (\$56,936.43)

### 3. Surveillance and Maintenance Tasks

- a) All deferred maintenance undergoing active D&D or being deactivated for future D&D is completed.
  - i. Submit a comprehensive, itemized listing of all industrial or radiological systems that are related to or support safety (\$18,451.62)  Not Met (\$0)
  - ii. Complete 30% of deferred maintenance activities (\$110,709.73)  Partially Met (\$107,388.44)
  - iii. Complete 75% of deferred maintenance activities (\$110,709.73)  Not met (\$0)
  - iv. Complete 100% of deferred maintenance activities (\$110,709.73)  Not Met (\$0)
  - v. Compensatory measures in place and no repair exceeds 30 days (\$18,451.62)  Not Met (\$0)
- b) Complete installation of a new roof system on C-337 (\$295,225.94)  Met (\$295,225.94)
- c) Complete installation of new roof systems on C-335 and C-331 (\$369,032.42)  Met (\$369,032.42)
- d) Complete all tasks necessary to support shutdown and removal of the CAAS and fire suppression systems from C-720 and C-409 (\$442,838.91)  Partially Met (\$185,992.34)

Base Performance Based Incentive Fee Earned: The overall fee awarded is based on completion of PBI activities is 54.7%: **\$2,307,638.83.**