ENGLink Interactive

Budget year: FY2005

Agency: 202

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Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification

Section A: Overview

1. Date of submission: Sep 8, 2008

2. Agency: 202

3. Bureau: 00

4. Name of this Capital Asset: ENGLink Interactive

- 5. Unique Project (Investment) Identifier: 202-00-01-02-01-1020-00
- 6. What kind of investment will this be in FY2010? Mixed Life Cycle
- 7. What was the first budget year this investment was submitted to OMB? FY2005
- 8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap: ENGLink Interactive began as the U.S. Army Corps of Engineers (USACE) Emergency Management system and is rapidly becoming the premier USACE command and control system. When a natural or man-made disaster strikes the United States, the USACE is tasked to provide immediate comprehensive relief to the thousands impacted by the disaster. ENGLink has transformed the way USACE responds to emergencies by providing the framework for processing information and performing command and control of USACE elements. ENGLink represents "ground truth" reporting and allows deployed personnel real-time access to critical information. The system represents a single data entry point that standardizes and integrates methods of collecting, analyzing, forecasting and presenting information for decision makers. ENGLink Interactive continues to revolutionize the way the Corp handles its contingency planning and response. ENGLink's key functionality includes the deployment module and its reporting capabilities. The deployment module tracks personnel and mission requirements from the beginning to the end of a response. Interactive Taskers allow users to request staff and materials from other USACE organizations. Once personnel are deployed in ENGLink, they are tracked from the beginning to the end of their deployment, resulting in increased management and accountability of personnel. ENGLink's reports, viewable by all command elements, allow access to just-in-time, critical information. The Deployment Module reports provide answers to staffing needs, logistical concerns and the management of personnel. ENGLink was first

developed to fulfill the role of a deployment tracking and personnel management software. It has grown well past those boundaries and now encompasses many new and varied USACE job responsibilities, from handling volunteers, performing communication checks, to processing threats and suspicious incidents. With this expansion has come a need for a redesign and technical refresh of the ENGLink application. ENGLink has become a tool of immense capability, but little consistency. The redesign will be implemented using modern web technologies. Key areas of improvements that are vital to the system's redesign include: increased automation and integration; improved user interface; increased reporting capabilities; and increased information sharing.

- 9. Did the Agency's Executive/Investment Committee approve this request? yes
 - a. If "yes," what was the date of this approval? Feb 22, 2008
- 10. Did the Project Manager review this Exhibit? yes
- 11. Contact information of Program/Project Manager?

Name [Redacted]
Phone Number [Redacted]
E-mail [Redacted]

- a. What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager? **New Program Manager**
- b. When was the Program/Project Manager Assigned? Jun 22, 2008
- c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been issued, what is the anticipated date for certification? **Mar 31, 2009**
- 12. Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project. **yes**
 - a. Will this investment include electronic assets (including computers)? no
 - b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) [Not answered]
 - 1. If "yes," is an ESPC or UESC being used to help fund this investment? [Not answered]
 - If "yes," will this investment meet sustainable design principles? [Not answered]
 - 3. If "yes," is it designed to be 30% more energy efficient than relevant code? [Not answered]
- 13. Does this investment directly support one of the PMA initiatives? **yes**

Expanded E-Government

- a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? ENGLink provides a single point of entry/dissemination for Command and Control decisions. It has automated the process of deploying personnel and equipment to disaster sites; and it has enabled an unprecedented degree of collaboration, ensuring that bureaucratic hurdles and breakdowns in communications associated with manual and paper processes no longer delay the provision of necessary emergency response services and the delivery of goods to those struck by disasters.
- 14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.) **yes**
 - a. If "yes," does this investment address a weakness found during a PART review? no
 - b. If "yes," what is the name of the PARTed program? **10000004 Corps of Engineers: Emergency Management**
 - c. If "yes," what rating did the PART receive? **Moderately Effective**
- 15. Is this investment for information technology? **yes**

For information technology investments only:

- 16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 2
- 17. In addition to the answer in 11(a), what project management qualifications does the Project Manager have? (per CIO Council PM Guidance) (1) Project manager has been validated as qualified for this investment
- 18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4-FY 2008 agency high risk report (per OMB Memorandum M-05-23)? **yes**
- 19. Is this a financial management system? no
 - a. If "yes," does this investment address a FFMIA compliance area? [Not answered]
 - 1. If "yes," which compliance area: [Not answered]
 - 2. If "no," what does it address? [Not answered]
 - b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52 [Not answered]
- 20. What is the percentage breakout for the total FY2010 funding request for the following?

Hardware 1

Software 1

Services 98

Other [Not answered]

- 21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities? **n/a**
- 22. Contact information of individual responsible for privacy related questions:

Name Phone Number [Redacted] [Redacted]

Title

Privacy Act Officer

E-mail

[Redacted]

- 23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? **no**
- 24. Does this investment directly support one of the GAO High Risk Areas? yes

Section B: Summary of Spending

1.

| Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions) | | | | | | | | | |
|---|--|-------|-------|-------|-----|-----|-----|-----|-----|
| | PY-1 and PY CY BY BY+1 BY+2 BY+3 BY+4 and earlier 2008 2009 2010 2011 2012 2013 beyond Total | | | | | | | | |
| Planning: | 0.368 | 0.608 | 0.758 | 0.775 | [*] | [*] | [*] | [*] | [*] |
| Acquisition: | 0.496 | 1.263 | 1.266 | 1.298 | [*] | [*] | [*] | [*] | [*] |
| Subtotal Planning & Acquisition: | 0.864 | 1.871 | 2.024 | 2.073 | [*] | [*] | [*] | [*] | [*] |
| Operations & Maintenance: | 3.534 | 0.929 | 0.788 | 0.695 | [*] | [*] | [*] | [*] | [*] |
| TOTAL: | 4.398 | 2.8 | 2.812 | 2.768 | [*] | [*] | [*] | [*] | [*] |

| Government FTE Costs should not be included in the amounts provided above. | | | | | | | | | |
|--|------|-------|------|------|-----|-----|-----|-----|-----|
| Government FTE Costs | 1.19 | 0.535 | 0.54 | 0.52 | [*] | [*] | [*] | [*] | [*] |
| Number of FTE represented by Costs: | 5 | 2 | 2 | 2 | [*] | [*] | [*] | [*] | [*] |

- 2. Will this project require the agency to hire additional FTE's? no
 - a. If "yes", How many and in what year? [Not answered]
- 3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes: **No change.**

Section C: Acquisition/Contract Strategy

1.

| Contracts/Task Orders Table: | | | | | | | |
|--|-------------------------|--|--|--|--|--|--|
| Contract or Task Order Number | GS-35F-0306J (Option 2) | | | | | | |
| Type of Contract/Task Order (In accordannce with FAR Part 16) | Firm Fixed Price | | | | | | |
| Has the contract been awarded | yes | | | | | | |
| If so what is the date of the award? If not, what is the planned award date? | Sep 30, 2005 | | | | | | |
| Start date of Contract/Task Order | Oct 1, 2006 | | | | | | |
| End date of Contract/Task Order | Sep 30, 2007 | | | | | | |
| Total Value of Contract/ Task Order (\$M) | 1.398 | | | | | | |
| Is this an Interagency Acquisition? | no | | | | | | |
| Is it performance based? | yes | | | | | | |
| Competitively awarded? | no | | | | | | |
| What, if any, alternative financing option is being used? | NA | | | | | | |
| Is EVM in the contract? | yes | | | | | | |
| Does the contract include the required security & privacy clauses? | yes | | | | | | |
| Name of CO | [Redacted] | | | | | | |
| CO Contact information (phone/email) | [Redacted] | | | | | | |
| Contracting Officer FAC-C or DAWIA Certification Level | 3 | | | | | | |
| If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? | [Not answered] | | | | | | |
| Contract or Task Order Number | SPO700-98-D-4002 | | | | | | |
| Type of Contract/Task Order (In accordannce with FAR Part 16) | Cost Plus Fixed Fee | | | | | | |
| Has the contract been awarded | yes | | | | | | |
| If so what is the date of the award? If not, what is the planned award date? | Feb 15, 2007 | | | | | | |
| Start date of Contract/Task Order | Mar 30, 2007 | | | | | | |
| End date of Contract/Task Order | Mar 29, 2010 | | | | | | |
| Total Value of Contract/ Task Order (\$M) | 8.212 | | | | | | |
| Is this an Interagency Acquisition? | no | | | | | | |
| Is it performance based? | yes | | | | | | |
| Competitively awarded? | no | | | | | | |
| What, if any, alternative financing option is being used? | NA | | | | | | |
| Is EVM in the contract? | yes | | | | | | |
| Does the contract include the required security & privacy clauses? | yes | | | | | | |
| Name of CO | [Redacted] | | | | | | |

| CO Contact information (phone/email) | [Redacted] |
|--|----------------|
| Contracting Officer FAC-C or DAWIA Certification Level | 3 |
| If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? | [Not answered] |

- 2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why: **N/A**
- 3. Do the contracts ensure Section 508 compliance? yes
 - a. Explain why not or how this is being done? USACE does not allow information systems, web developed applications or products to be deployed unless they are made fully accessible to individuals with disabilities; language is included in all contracts for information systems and web products to ensure they are made accessible; ENGLink is a fully web based system that allows users to set browser preferences; its accessibility has been proven by daily use and feedback by a legally blind USACE employee.
- 4. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? **yes**
 - a. If "yes," what is the date? Jul 20, 2007
 - 1. Is it Current? ves
 - b. If "no," will an acquisition plan be developed? [Not answered]
 - 1. If "no," briefly explain why: [Not answered]

Section D: Performance Information

| | Performance Information Table | | | | | | | | | | |
|----------------|---|------------------------------------|--|---|--|---|---|--|--|--|--|
| Fiscal Year | Strategic Goal (s) Supported | Measurement Area | Measurement Grouping | Measurement Indicator | Baseline | Target | Actual Results | | | | |
| 2007 | Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all-hazards response | Mission and Business Results | Emergency Response | Emergency Response Extent to which RRVs are able to respond to an event to become operational | RRVs respond to an event within 18 hours | Maintain response time within 18 hours | All RRVs responded to an event within 18 hours; on average, the response time was 4.6 hours | | | | |
| 2007 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Customer Results | New Customers and Market Penetration | Number of visitors logging on to the system | 36,000 users within 60 organizations | Increase the number of visitors by 50 logins from each organization, or 3000 logins | In FY07, 100,000 visitors logged on to the system | | | | |
| 2007 | Strategic Goal 4, Objective 4.1.1: Attain and maintain a high, consistent state of preparedness | Processes and Activities | Knowledge Management | Number of individuals trained for the ENGLINK Strike Team | 0 | Maintain 3 teams of 8 (total of 24), with 10 alternates | In FY07, 28 primary and 13 alternate ENGLink Strike Team employees were fully trained | | | | |
| | Strategic Goal 5, | | | | | | | | | | |

| 2007 | Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Technology | Availability | Number of systems implemented | 0 | Install CNSS at downlink (Constituting 16 systems) | Two T-1 lines (Napa to WPC & Napa to CPC) were installed |
|------|--|------------------------------------|--|---|--|---|--|
| 2008 | Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all-hazards response | Mission and Business Results | Emergency Response | Improve response time to fill positions during an emergency response: | Percentage of tasker requests" filled by suspense date Historically, only 40% of taskers were filled within the requested amount of time | 44% of tasker requests are filled by suspense date | 56% of tasker requests were filled prior to the suspense date during FY08 |
| 2008 | Strategic objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Customer Results | New Customers and Market Penetration | Number of unique log-ins | In the past year, the number of unique logins was 2,105 | Increase the number of unique logins by 5% or 2,210 users | 2,290 unique logins during FY08 |
| 2008 | Strategic Goal 5, Objective 5.3.1: Ensure that the Civil Works mission is supported by an information architecture and capital investments in technology aimed at increasing work efficiencies and effectiveness | Processes and Activities | Efficiency | Decrease the number of hours required to build a customized reports: Number of hours personnel spend building a report | In the current environment, it takes approx. 40 hours to build a customized report | Decrease the number of hours to build a report to 32 TBD | Based upon the report requests we have had in the previous FY, we are rolling out new reports within 28 hours |
| 2008 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Technology | Data Storage | The number of gigabytes of data stored within the system | The current system has 11 GB of data | Increase the amount of stored data to 12 GB | Very large system growth from 11 GB in FY07 to a current size of 23.5 GB; this includes FY08 and up to September 1, 2008 |
| 2009 | 2009 Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all- hazards response | Mission and Business Results | Emergency Response | Improve response time to fill positions during an emergency response Percentage of "tasker requests" filled by suspense date | 44% of tasker requests are filled by suspense date | 49% of tasker requests are filled by suspense date | TBD |
| | 2009 Strategic Goal 5, Objective | | | | | | |

| 2009 | 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Customer Results | New Customers and Market Penetration | Increase the number of users of the system: Number of unique log-ins | The system has 2,210 users | Increase the number of unique logins by 5% or 2,320 users | TBD |
|------|--|------------------------------------|--|---|--|---|-----|
| 2009 | Strategic Goal 5, Objective 5.3.1: Ensure that the Civil Works mission is supported by an information architecture and capital investments in technology aimed at increasing work efficiencies and effectiveness | Processes and Activities | Efficiency | Decrease the number of hours required to build a customized reports: Number of hours personnel spend building a report | Customized reports require 32 hours of personnel time | Decrease the number of hours to build a report to 24 | TBD |
| 2009 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Technology | Data Storage | Increase the amount of information and reports available to users: The number of gigabytes of data stored within the system | The system has 23.5 GB of data | Increase the amount of stored data by 20% | TBD |
| 2010 | Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all-hazards response | Mission and Business Results | Emergency Response | Improve response time to fill positions during an emergency response Percentage of tasker requests filled by suspense date | 49% of tasker requests are filled by suspense date | 55% of tasker requests are filled by suspense date | TBD |
| 2010 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Customer Results | New Customers and Market Penetration | Increase the number of users of the system: Number of unique log-ins | The system has 2,320 users | Increase the number of unique logins by 5% or 2,436 users | TBD |
| 2010 | Strategic Goal 5, Objective 5.3.1: Ensure that the Civil Works mission is supported by an information architecture and capital investments in technology aimed at increasing work efficiencies and effectiveness | Processes and Activities | Efficiency | Decrease the number of hours required to build a customized reports: Number of hours personnel spend building a report | Customized reports require 24 hours of personnel time | Decrease the number of hours to build a report to 16 | TBD |
| | Strategic Goal 5, Objective 5.3.2: | | | Increase the amount of | | | |

| 2010 | Develop and use electronic means and media to provide timely and easily accessible information | Technology | Data Storage | information and reports available to users: The number of gigabytes of data stored within the system | The system has 28.2 GB of data | | TBD |
|------|--|------------------------------------|--|---|--|---|-----|
| 2011 | Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all-hazards response | Mission and Business Results | Emergency Response | Improve response time to fill positions during an emergency response Percentage of tasker requests filled by suspense date | 55% of tasker requests are filled by suspense date | 61% of tasker requests are filled by suspense date | TBD |
| 2011 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Customer Results | New Customers and Market Penetration | Increase the number of users of the system: Number of unique log-ins | The system has 2,436 users | Increase the number of logins by 5% or 2,558 users | TBD |
| 2011 | Strategic Goal 5, Objective 5.3.1: Ensure that the Civil Works mission is supported by an information architecture and capital investments in technology aimed at increasing work efficiencies and effectiveness | Processes and Activities | Efficiency | Decrease the number of hours required to build a customized reports: Number of hours personnel spend building a report | Customized reports require 16 hours of personnel time | Decrease the number of hours to build a report to 14 | TBD |
| 2011 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Technology | Data Storage | Increase the amount of information and reports available to users: The number of gigabytes of data stored within the system | The system has 33.8 GB of data | Increase the amount of stored data by 20% | TBD |
| 2012 | Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all-hazards response | Mission and Business Results | Emergency Response | Improve response time to fill positions during an emergency response Percentage of tasker requests filled by suspense date | 61% of tasker requests are filled by suspense date | 68% of tasker requests are filled by suspense date | TBD |
| 2012 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily | Customer Results | New Customers and Market Penetration | Increase the number of users of the system: Number of unique log-ins | The system has 2,558 users | Increase the number of logins by 5% or 2,686 users | TBD |

| | accessible information | | | | | | |
|------|--|------------------------------------|--|---|---|---|-----|
| 2012 | Strategic Goal 5, Objective 5.3.1: Ensure that the Civil Works mission is supported by an information architecture and capital investments in technology aimed at increasing work efficiencies and effectiveness | Processes and Activities | Efficiency | Decrease the number of hours required to build a customized reports: Number of hours personnel spend building a report | Customized reports require 14 hours of personnel time | Decrease the number of hours to build a report to 12 | TBD |
| 2012 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Technology | Data Storage | Increase the amount of information and reports available to users: The number of gigabytes of data stored within the system | The system has 40.6 GB of data | Increase the amount of stored data by 20% | TBD |
| 2013 | Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all-hazards response | Mission and Business Results | Emergency Response | Improve response time to fill positions during an emergency response Percentage of tasker requests filled by suspense date | 68% of tasker requests are filled by suspense date | 75% of tasker requests are filled by suspense date | TBD |
| 2013 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Customer Results | New Customers and Market Penetration | Increase the number of users of the system: Number of unique log-ins | The system has 2,686 users | Increase the number of logins by 5% or 2,820 users | TBD |
| 2013 | Strategic Goal 5, Objective 5.3.1: Ensure that the Civil Works mission is supported by an information architecture and capital investments in technology aimed at increasing work efficiencies and effectiveness | Processes and Activities | Efficiency | Decrease the number of hours required to build a customized reports: Number of hours personnel spend building a report | Customized reports require 12 hours of personnel time | Decrease the number of hours to build a report to 10 | TBD |
| 2013 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible | Technology | Data Storage | Increase the amount of information and reports available to users: The number of gigabytes of data stored within the | The system has 48.7 GB of data | Increase the amount of stored data by 20% | TBD |

| | information | | | system | | | |
|------|--|------------------------------------|--|---|--|--|-----|
| 2014 | Strategic Goal 4, Objective 4.1.2: Provide rapid, effective, efficient all-hazards response | Mission and Business Results | Emergency Response | Improve response time to fill positions during an emergency response Percentage of tasker requests filled by suspense date | 75% of tasker requests are filled by suspense date | 82% of tasker requests are filled by suspense date | TBD |
| 2014 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Customer Results | New Customers and Market Penetration | Increase the number of users of the system: Number of unique log-ins | The systems has 2,820 users | Increase the number of logins by 5% or 2,961 users | TBD |
| 2014 | Strategic Goal 5, Objective 5.3.1: Ensure that the Civil Works mission is supported by an information architecture and capital investments in technology aimed at increasing work efficiencies and effectiveness | Processes and Activities | Efficiency | Decrease the number of hours required to build a customized reports: Number of hours personnel spend building a report | Customized reports require 10 hours of personnel time | Decrease the number of hours to build a report to 8 | TBD |
| 2014 | Strategic Goal 5, Objective 5.3.2: Develop and use electronic means and media to provide timely and easily accessible information | Technology | Data Storage | Increase the amount of information and reports available to users: The number of gigabytes of data stored within the system | The system has 58.4 GB of data | Increase the amount of stored data by 20% | TBD |

Section E: Security and Privacy

- 1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment?: **yes**
 - a. If "yes," provide the "Percentage IT Security" for the budget year: **6.1**
- 2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment?. **yes**

| 3. Syste | 3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s): | | | | | | | | |
|-------------------|--|--------------------------------|---|--|--|--|--|--|--|
| Name of System | Agency/ or Contractor Operated System? | Planned Operational Date | Date of Planned certification and accreditation (C&A) update (for existing mixed life cycle systems) or Planned Completion Date (for new systems) | | | | | | |
| | There are no Systems in Planning. | | | | | | | | |

| | 4. Operational Systems - Security Table: | | | | | | | | | | |
|------------------------|---|--|---|---------------------------|---|--|----------------------------------|--|--|--|--|
| Name of System | Agency/ or Contractor Operated System? | NIST FIPS 199 Risk Impact level | Has C&A been Completed, using NIST 800-37? | Date Completed: C&A | What standards were used for the Security Controls tests? | Date Completed: Security Control Testing | Date the contingency plan tested | | | | |
| ENGLink Interactive | Contractor and Government | Moderate | no | Dec 14, 2006 | Other | Jan 7, 2008 | Jan 7, 2008 | | | | |

- 5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG? **no**
 - a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process? [Not answered]
- 6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?
 - a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness. [Not answered]
- 7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above? All individual contractor personnel making changes to ENGLink, installing upgrades and performing other programming activities that affect the system s configuration, sign security agreements prior to beginning work and almost all contractor staff assigned to the maintenance, upgrade and configuration development/management of ENGLink have Secret security clearances. The ENGLink servers are located in governmentowned sites with permanent government staff collocated on site for monitoring and oversight. All information systems security personnel (government or contractor) are appointed in writing and have had security training and received appropriate, where required, certification. All personnel (government or contractor) who require access have had a personnel security background check and/or security investigation completed, consistent with the project s sensitivity designation. Separation of duties is strictly enforced. All operations personnel (government or contractors) have secret level clearances. ENGLink resides on the central USACE servers, which are managed by the ACE-IT Program, identified above. ACE-IT provides centralized IT support (for the Corps-wide Network and Processing Centers), which is government owned and contractor operated. The servers are maintained by contractors in government-owned space. Government USACE personnel are permanently co-located on site with these contractors and monitor, verify, and validate contractor security procedures. Additionally, GAO, the Army Audit Agency, and the Inspector General audit the Corps IT security annually. Internal security scans and on-site inspections/audits are performed annually on every Corps site to validate that the correct patches and security procedures are in compliance with government-wide and Army/DoD policy. The Corps Headquarters Acquisition Office provides local sites assistance with their contract language for generic and specific security requirements. USACE policy requires a review of all IT contract and acquisitions to ensure that background investigation requirements are appropriate for all contractors. In addition, ENGLink conducts Federal Information Security Management Act (FISMA) and Defense Information Assurance Certification and Accreditation (DIACAP) reviews annually to ensure compliance with federal and DoD security guidance.

| | | 8. Planning | & Operational Systems - Priv | acy Table: | |
|-------------------|-----------------------|---|---|--|---|
| Name of System | Is this a new system? | Is there a Privacy Impact Assessment (PIA) that covers this system? | Internet Link or Explanation | Is a System of Records Notice (SORN) required for this system? | Internet Link or Explanation |
| ENGLink | | | Army policy directs the Corps to submit PIAs to Army for posting to the DOD PIA website. They | | ENGLink has not published a SORN to date; however it is a |

| no yes review due to the fact that they no ENGLink Ca | tem within the Capital Assets or the EPRP |
|---|---|
|---|---|

Section F: Enterprise Architecture (EA)

- 1. Is this investment included in your agency's target enterprise architecture? yes
 - a. If "no," please explain why? [Not answered]
- 2. Is this investment included in the agency's EA Transition Strategy? yes
 - a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. **ENGLink Interactive**
 - b. If "no," please explain why? [Not answered]
- 3. Is this investment identified in a completed and approved segment architecture? yes
 - a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to http://www.egov.gov. **115-000**

| | 4. Service | Component F | Reference Model | (SRM) Table | e : | | |
|-------------------------------|---|-------------------------|---|----------------------|-------------------|----------------------|--------------------------|
| Agency Component | Agency Component Description | FEA SRM Service | FEA SRM Component | Service Cor Reuse | ed | Internal or External | BY Funding Percentage |
| Name | Description | Туре | Component | Component Name | UPI | Reuse? | refeelitage |
| Information Sharing | ENGLink is a web-based application that allows simultaneous access to its table structures based on the predefined roles and responsibilities of the user | Knowledge Management | Information Sharing | [Not answered] | [Not answered] | No Reuse | 15 |
| Knowledge Capture | ENGLink is a web-based application that allows the collection of data through thin and thick client tools. ENGLink's data collection directly follows USACE business rules and practices. | Knowledge Management | Knowledge Capture | [Not answered] | [Not answered] | No Reuse | 15 |
| ENGLink Auto- Notification | ENGLink sends automatic email notifications when an action is requested of a user and/or when USACE employees are to be notified of actions performed within the ENGLink system | Knowledge Management | Knowledge Distribution and Delivery | [Not answered] | [Not answered] | No Reuse | 10 |
| Dynamic Reporting | Based on requirements, ENGLink creates ad hoc reporting on predefined modules. Users can create dynamic reports and save for future use. | Reporting | Ad Hoc | [Not answered] | [Not answered] | No Reuse | 5 |
| Deployed | ENGLink has an extensive reporting capability. Over 40 reports have been | | | | | | |

| Reports, Organization Reports, Medical Reports | created to support deployment tracking. Command and control reports allow Headquarters to view the situation from a high level. | Reporting | Standardized / Canned | [Not answered] | [Not answered] | No Reuse | 5 |
|---|---|-----------------------------------|--|----------------|-------------------|----------|----|
| CEFMS Integration | ENGLink pulls financial information from CEFMS to support mission, facilities, and funding tracking. | Data Management | Data Exchange | [Not answered] | [Not answered] | No Reuse | 5 |
| GeoTools, Oracle Spatial | ENGLink has an extensive GIS module. The GIS module allows for customized mapping and user-defined queries and mapping of threats and suspicious incidents. | Visualization | Mapping / Geospatial / Elevation / GPS | [Not answered] | [Not answered] | No Reuse | 10 |
| Access Control | ENGLink has user management to manage user accounts | Security Management | Access Control | [Not answered] | [Not answered] | No Reuse | 3 |
| Encryption | Enables secure transmission and storage of encrypted sensitive and/or private information. | Security Management | Cryptography | [Not answered] | [Not answered] | No Reuse | 3 |
| Instrumentation and Testing | Support the validation of application or system capabilities and requirements | Development and Integration | Instrumentation and Testing | [Not answered] | [Not answered] | No Reuse | 5 |
| Configuration Management | ENGLink utilizes the applications for managing source code, documentation, and change requests. | Management of Processes | Configuration Management | [Not answered] | [Not answered] | No Reuse | 15 |
| Reporting | ENGLink audits, creates, updates, finalizations and releases for all reports. | Security Management | Audit Trail Capture and Analysis | [Not answered] | [Not answered] | No Reuse | 5 |
| Process Tracking | The ENGLink Feedback system tracks all requests for modifications, error tracking and enhancements. The system has the ability to assign personnel, track estimates, actuals and status. The ENGLink Feedback System tracks issues through the entire software development lifecycle. | Tracking and Workflow | Process Tracking | [Not answered] | [Not answered] | No Reuse | 5 |

| 5. Technical Reference Model (TRM) Table: | | | | | | | | | |
|---|-----------------------------|--------------------------------|-----------------------------|------------------------------------|--|--|--|--|--|
| FEA SRM Component | FEA TRM Service Area | FEA TRM Service Category | FEA TRM Service Standard | Service Specification | | | | | |
| Information Sharing | Service Access and Delivery | Delivery Channels | Internet | Microsoft Internet Explorer v.5.0+ | | | | | |
| | Service Access and | | | | | | | | |

| Information Sharing | Delivery | Service Transport | Service Transport | НТТР |
|--|-------------------------------------|------------------------------|---|---|
| Information Sharing | Service Platform and Infrastructure | Hardware / Infrastructure | Local Area Network (LAN) | Microsoft Internet Explorer v.5.0+ |
| Knowledge Capture | Service Access and Delivery | Access Channels | Other Electronic Channels | Microsoft Internet Explorer v.5.0+ |
| Knowledge Capture | Service Access and Delivery | Access Channels | Other Electronic Channels | Oracle 10g RDMBS |
| Knowledge Distribution and Delivery | Service Access and Delivery | Access Channels | Collaboration / Communications | Sun Javamail for JDK 1.4; Sun sendmail for Solaris 5.10 |
| Ad Hoc | Service Access and Delivery | Access Channels | Web Browser | Microsoft Internet Explorer v.5.0+ |
| Standardized / Canned | Service Access and Delivery | Access Channels | Web Browser | Microsoft Internet Explorer v.5.0+; Microsoft Excel 2003 |
| Data Exchange | Service Platform and Infrastructure | Delivery Servers | Web Servers | Oracle 10g RDBMS |
| Mapping / Geospatial / Elevation / GPS | Service Platform and Infrastructure | Database / Storage | Database | Oracle 10g Spatial |
| Mapping / Geospatial / Elevation / GPS | Service Access and Delivery | Access Channels | Web Browser | Microsoft Internet Explorer v.5.0+ |
| Access Control | Service Access and Delivery | Access Channels | Web Browser | Microsoft Internet Explorer v.5.0+ |
| Cryptography | Component Framework | Security | Supporting Security Services | Apache SSL 128-bit; Oracle Transparent Data Encryption |
| Instrumentation and Testing | Service Platform and Infrastructure | Software Engineering | Test Management | Feedback Issue Tracking system (Interactive Test Suite); Microsoft Word 2000+ |
| Configuration Management | Service Platform and Infrastructure | Software Engineering | Software Configuration Management | Subversion 1v44; Merant PVCS; Microsoft Visual Source Safe v.6.0; JIRA Issue Tracking v.3.6 |
| Audit Trail Capture and Analysis | Service Access and Delivery | Access Channels | Web Browser | Microsoft Internet Explorer v.5.0+; |
| Process Tracking | Service Platform and Infrastructure | Software Engineering | Software Configuration Management | JIRA Issue Tracking v.3.6 |

- 6. Will the application leverage existing components and/or applications across the Government (i.e., USA.Gov, Pay.Gov, etc)? **no**
 - a. If "yes," please describe. [Not answered]

Part II: Planning, Acquisition And Performance Information

Section A: Alternatives Analysis

- 1. Did you conduct an alternatives analysis for this investment? yes
 - a. If "yes," provide the date the analysis was completed? Jul 2, 2007
 - b. If "no," what is the anticipated date this analysis will be completed? [Not answered]
 - c. If no analysis is planned, please briefly explain why: [Not answered]

| | 2. Alternatives Analysis Results: | | |
|---|---|--|---|
| Alternative Analyzed | Description of Alternative | Risk Adjusted Lifecycle Costs estimate | Risk Adjusted Lifecycle Benefits estimate |
| Alternative 1: Baseline | In the Status Quo environment, ENGLink will be maintained as it exists today without doing any Development, Modernization, and Enhancement (DME) work. No major modifications will be made to the system, while yearly maintenance and operations will continue. This is a low-cost solution, but it fails to meet USACE requirements and many user needs. It also fails to add quality/productivity enhancements. | 8546483 | 0 |
| Alternative 2: ENGLink Redesign Java Enterprise (J2EE) | This option uses the popular J2EE development platform. The J2EE solution would emphasize the use of best practices in web application development. J2EE applications work on both Unix and Windows-based server architectures, requiring no change to existing hardware/software licensing. The redesign would allow the USACE to employ volunteers more rapidly. Advantages include low upgrade cost, large and experienced workforce, best ROI, and low risk due to technical maturity of platform. | 10706729 | 20073474 |
| Alternative 3: ENGLink Redesign Microsoft.net | The Microsoft.net solution consists of the usage of a variety of programming languages and tools. This solution requires Microsoft-based server architecture and upfront costs towards software licensing. USACE IT architecture is based upon the Unix operating system. Advantages include short development time and integration with Microsoft SharePoint portal technology. Disadvantages include higher cost, shortage of knowledgeable IT staff, and risks involved in architectural requirements. | 11406969 | 20073474 |
| Alternative 4: ENGLink Redesign Oracle Application Express | This option would slightly enhance, upgrade and improve the existing solution for ENGLink to meet future business requirements. Oracle Application Express is a low-cost solution that enables quick-project turnaround, but suffers when application complexity grows. This solution provides less flexibility in the application's user interface and overall design. It does not meet ENGLink's need for strict focus on business requirements and long-term viability. | 9854025 | 4572501 |

- 3. Which alternative was selected by the Agency's Executive/Investment Committee and why was it chosen? Alternative 2: ENGLink Redesign using Java Enterprise (J2EE) as the development platform is the selected alternative. The alternatives analysis table above presents the costs and benefits of each alternative based on a 5-year life cycle (FY2009-FY2013). A redesign of the ENGLink system will result in productivity and efficiency gains. With the enhancements, the process for identifying individuals to be deployed during an emergency response will be automated. This will result in a reduction in the amount of time the Corp's personnel spend manually filling a tasker request. In addition, tasker requests will be addressed in a faster turnaround time, which will prevent delays in deploying resources. ENGLink's ground truth reporting mechanism will be revitalized by adhering to an entirely dynamic and abstract approach. Functionality will be added to provide users with a variety of options for creating reports and extrapolating data. Various filters will be provided to allow an ENGLink user to dynamically change the scope of report data to fit their criteria. The enhancements will be developed using a flexible architecture, wherein logical and functional changes can be further implemented with little to no changes of source code. These features will significantly reduce the time personnel spend building customized reports for users. The Corps evaluated three options for implementing the ENGLink Redesign initiative. The current system is Oracle-based and the planned enhancements could be completed using this architecture. Upon further analysis, it was determined that this option would not significantly improve current business processes. The Corps also considered developing the enhanced system on a Microsoft.net architecture. The main drawback to this approach is the Corp's IT architecture is based upon the Unix operating system. Moving to a Microsoft environment would not only increase costs, but also risks too. It would be more difficult to integrate ENGLink with other systems and there may be a lack of knowledgeable IT support staff. Both Alternatives 2 and 3 result in the same quantitative and qualitative benefits; however, once costs and risks are considered, Alternative 2 is more desirable.
 - a. What year will the investment breakeven? (Specifically, when the budgeted costs savings execced

4. What specific qualitative benefits will be realized? The ENGLink redesign will provide the following qualitative benefits to the public, the Corps and its users: Faster Response in Emergency Situations: The redesign initiative is centered around improving the Corps preparedness for an emergency situation. The redesign will streamline and automate the process for identifying candidates for deployment when an emergency arises. It will enable the ENGLink system to recommend individuals that have the required qualifications and are available for deployment. This will eliminate the process of manually verifying an individual is approved for deployment and will enable the Corps to respond faster during an emergency. Dynamic Reporting: ENGLink's reports allow access to just-in-time, critical information. The Deployment Module reports provide answers to staffing needs, logistical concern and the management of personnel, Another reporting feature is the Incident Reporting System, which is used for collecting and analyzing intelligence data. Previously, users only had access to canned reports, but with the redesign, users will have the ability to create their own reports through selecting criteria and report columns. Reports may then be exported to Excel for custom analysis. User Interface: Users will see an improved and standardized user interface and specialized options depending on their role(s) within the Corps. Communities of Practice: A centralized and collaborative environment will be created to allow users a mean for communicating and learning from other's best practices.

| | | | 5. Federal Quantitative Benefits (\$mi | llions): |
|----------------------|-----------------------------|-------------------|--|--|
| | Budgeted Cost Savings | Cost Avoidance | Justification for Budgeted Cost Savings | Justification for Budgeted Cost Avoidance |
| PY-1 and Prior | 0 | 0 | N/A in FY06 | N/A in FY06 |
| PY | 0 | 0 | N/A in FY07 | N/A in FY07 |
| CY | 0 | 0 | N/A in FY08 | N/A in FY08 |
| BY | 0 | 0 | N/A in FY09 | N/A in FY09 |
| BY+1 | 0 | 0 | Overall benefits for the preferred alternative in 2010 are estimated to be at ~\$4.6m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. | Overall benefits for the preferred alternative in 2010 are estimated to be at ~\$4.6m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. |
| BY+2 | 0 | 0 | Overall benefits for the preferred alternative in 2011 are estimated to be at ~\$4.5m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. | Overall benefits for the preferred alternative in 2011 are estimated to be at ~\$4.5m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. |
| BY+3 | 0 | 0 | Overall benefits for the preferred alternative in 2012 are estimated to be at ~\$4.4m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. | Overall benefits for the preferred alternative in 2012 are estimated to be at ~\$4.4m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. |
| | | | Overall benefits for the preferred alternative in 2013 are estimated to be at | Overall benefits for the preferred alternative in 2013 are estimated to be at |

| BY+4 and Beyond | 0 | 0 | ~\$4.3m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. | ~\$4.3m based on productivity improvements (Reduction in Time) such as manually filling in tasker requests; lapse from tasker requests; and building customized reports. Additional analysis is required to determine specific cost savings and cost avoidance data required for justification purposes. |
|-------------------------|---|---|--|--|
| Total LCC Benefit | 0 | 0 | LCC = Life-cycle cost | |

- 6. Will the selected alternative replace a legacy system in-part or in-whole? no
 - a. If "yes," are the migration costs associated with the migration to the selected alternative included in this investment, the legacy investment, or in a separate migration investment? [Not answered]
 - b. If "yes," please provide the following information:

List of Legacy Investment or Systems Name of the Legacy Investment or Systems UPI if available Date of the System Retirement There are no Legacy Investment or Systems.

Section B: Risk Management (All Capital Assets)

- 1. Does the investment have a Risk Management Plan? yes
 - a. If "yes," what is the date of the plan? Sep 8, 2006
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? **no**
 - c. If "yes," describe any significant changes: [Not answered]
- 2. If there currently is no plan, will a plan be developed? [Not answered]
 - a. If "yes," what is the planned completion date? [Not answered]
 - b. If "no," what is the strategy for managing the risks? [Not answered]
- 3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: In conducting the alternatives analysis, risks were identified for each of the alternatives. The risks were quantitatively evaluated for probability and cost impact. To estimate the cost impact, each risk is mapped to the cost elements it is likely to affect. The cost estimates are then adjusted to account for the risk. The investment's life cycle costs were estimated based on technical expertise and prior experience with developing and managing both the existing system and similar systems. The life cycle cost estimates reflect appropriate growth and economic escalation factors to project realistic life cycle costs in future years.

Section C: Cost and Schedule Performance (All Capital Assets)

- 1. Does the earned value management system meet the criteria in ANSI/EIA Standard 748? yes
- 2. Is the CV% or SV% greater than \pm 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100) **no**
 - a. If "yes," was it the? [Not answered]
 - b. If "yes," explain the causes of the variance: [Not answered]

- c. If "yes," describe the corrective actions [Not answered]
- 3. Has the investment re-baselined during the past fiscal year? **no**
 - a. If "yes," when was it approved by the agency head? [Not answered]

| | 4. Compariso | n of Initial B | aseline | and Curr | ent Ap | proved Ba | seline: | | |
|---|-------------------------------|----------------------------------|--------------------|------------------------------|--------|-------------------------------|------------------------------|---------------------|---------------------|
| | Initial B | | Current Baseline | | | | Current Baseline Variance | | |
| Description of Milestone | Planned Completion Date | Total Cost (\$M) Estimated | D | pletion Pate ed:Actual | (| al Cost (\$M) ed:Actual | Sched | ule:Cost ys:\$M) | Percent Complete |
| FY05 | Sep 30, 2005 | 1.457 | Sep 30, 2005 | Sep 30, 2005 | 1.457 | 1.416 | 0 | 0.041 | 100 |
| FY06 O&M Support | Sep 30, 2006 | 0.931 | Sep 30, 2006 | Sep 30, 2006 | 0.931 | 0.931 | 0 | 0 | 100 |
| FY06 ODCs and Travel | Sep 30, 2006 | 0.065 | Sep 30, 2006 | Sep 30, 2006 | 0.065 | 0.046 | 0 | 0.019 | 100 |
| 4. FY06 Help Desk Support | Sep 30, 2006 | 0.092 | Sep 30, 2006 | Sep 30, 2006 | 0.092 | 0.092 | 0 | 0 | 100 |
| FY06 Web Page Management | Sep 30, 2006 | 0.066 | Sep 30, 2006 | Sep 30, 2006 | 0.066 | 0.065 | 0 | 0.001 | 100 |
| FY06 Training | Sep 30, 2006 | 0.096 | Sep 30, 2006 | Sep 30, 2006 | 0.096 | 0.094 | 0 | 0.002 | 100 |
| FY06 Capital Planning Support | Sep 30, 2006 | 0.042 | Sep 30, 2006 | Sep 30, 2006 | 0.042 | 0.041 | 0 | 0.001 | 100 |
| FY06 Hardware / Software | Sep 30, 2006 | 0.046 | Sep 30, 2006 | Sep 30, 2006 | 0.046 | 0.046 | 0 | 0 | 100 |
| FY07 O&M Support | Sep 30, 2007 | 0.98 | Sep 30, 2007 | Sep 30, 2007 | 0.98 | 0.98 | 0 | 0 | 100 |
| FY07 ODCs and Travel | Sep 30, 2007 | 0.066 | Sep 30, 2007 | Sep 30, 2007 | 0.066 | 0.042 | 0 | 0.024 | 100 |
| FY07 Help Desk Support | Sep 30, 2007 | 0.1 | Sep 30, 2007 | Sep 30, 2007 | 0.1 | 0.1 | 0 | 0 | 100 |
| FY07 Web Page Management | Sep 30, 2007 | 0.07 | Sep 30, 2007 | Sep 30, 2007 | 0.07 | 0.07 | 0 | 0 | 100 |
| FY07 Training | Sep 30, 2007 | 0.1 | Sep 30, 2007 | Sep 30, 2007 | 0.1 | 0.1 | 0 | 0 | 100 |
| FY07 Capital Planning Support | Sep 30, 2007 | 0.08 | Sep 30, 2007 | Sep 30, 2007 | 0.08 | 0.08 | 0 | 0 | 100 |
| FY07 Hardware / Software | Sep 30, 2007 | 0.03 | Sep 30, 2007 | Sep 30, 2007 | 0.03 | 0.03 | 0 | 0 | 100 |
| FY08 Integrating IA Requirements & Architecture | Sep 30, 2008 | 0.608 | Sep 30, 2008 | Sep 30, 2008 | 0.608 | 0.081 | 0 | 0.527 | 100 |

| FY08 ENGLink Redesign | Sep 30, 2008 | 1.218 | Sep 30, 2008 | Sep 30, 2008 | 1.218 | 0.121 | 0 | 1.097 | 83 |
|---|--------------|-------|--------------------|-----------------|-------|-------------------|----------------|----------------|------|
| FY08 Web Page Management | Sep 30, 2008 | 0.08 | Sep 30, 2008 | Sep 30, 2008 | 0.08 | 0.07 | 0 | 0.01 | 87.5 |
| FY08 Training | Sep 30, 2008 | 0.105 | Sep 30, 2008 | Sep 30, 2008 | 0.105 | 0.95 | 0 | 0.1 | 90.4 |
| FY08 Capital Planning Support | Sep 30, 2008 | 0.06 | Sep 30, 2008 | Sep 30, 2008 | 0.06 | 0.55 | 0 | 0.005 | 91.6 |
| FY08 Security | Sep 30, 2008 | 0.14 | Sep 30, 2008 | Sep 30, 2008 | 0.14 | 0.14 | 0 | 0 | 100 |
| FY08 Hardware/Software | Sep 30, 2008 | 0.05 | Sep 30, 2008 | Sep 30, 2008 | 0.05 | 0.05 | 0 | 0 | 100 |
| FY08 O&M Support | Sep 30, 2008 | 0.5 | Sep 30, 2008 | Sep 30, 2008 | 0.5 | 0.91 | 0 | -0.41 | 0 |
| FY09 Integrating IA Requirements & Architecture | Sep 30, 2009 | 0.758 | Sep 30, 2009 | [Not answered] | 0.758 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY09 ENGLink Redesign | Sep 30, 2009 | 1.236 | Sep 30, 2009 | [Not answered] | 1.236 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY09 Web Page Management | Sep 30, 2009 | 0.138 | Sep 30, 2009 | [Not answered] | 0.138 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY09 Training | Sep 30, 2009 | 0.11 | Sep 30, 2009 | [Not answered] | 0.11 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY09 Capital Planning Support | Sep 30, 2009 | 0.06 | Sep 30, 2009 | [Not answered] | 0.06 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY09 Security | Sep 30, 2009 | 0.145 | Sep 30, 2009 | [Not answered] | 0.145 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY09 Hardware/ Software | Sep 30, 2009 | 0.035 | Sep 30, 2009 | [Not answered] | 0.035 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY09 O&M Support | Sep 30, 2009 | 0.3 | Sep 30, 2009 | [Not answered] | 0.3 | [Not answered] | [Not answered] | [Not answered] | 0 |
| FY10 Integrating IA Requirements & Architecture | Sep 30, 2010 | 0.775 | Sep 30, 2010 | [Not answered] | 0.775 | 0 | [Not answered] | 0 | 0 |
| FY10 ENGLink Redesign | Sep 30, 2010 | 1.283 | Sep 30, 2010 | [Not answered] | 1.283 | 0 | [Not answered] | 0 | 0 |
| FY10 Web Page Management | Sep 30, 2010 | 0.153 | Sep 30, 2010 | [Not answered] | 0.153 | 0 | [Not answered] | 0 | 0 |
| FY10 Training | Sep 30, 2010 | 0.118 | Sep 30, 2010 | [Not answered] | 0.118 | 0 | [Not answered] | 0 | 0 |
| FY10 Capital Planning Support | Sep 30, 2010 | 0.061 | Sep 30, 2010 | [Not answered] | 0.061 | 0 | [Not answered] | 0 | 0 |
| FY10 Security | Sep 30, 2010 | 0.153 | Sep 30, 2010 | [Not answered] | 0.153 | 0 | [Not answered] | 0 | 0 |

| FY10 Hardware/ Software | Sep 30, 2010 | 0.296 | Sep 30, 2010 | [Not answered] | 0.296 | 0 | [Not answered] | 0 | 0 |
|---|--------------|-------|--------------------|-------------------|-------|---|-------------------|---|---|
| FY10 O&M Support | Sep 30, 2010 | 0.205 | Sep 30, 2010 | [Not answered] | 0.205 | 0 | [Not answered] | 0 | 0 |
| FY11 Integrating IA Requirements & Architecture | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY11 ENGLink Redesign | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY11 Web Page Management | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY11 Training | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY11 Capital Planning Support | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY11 Security | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY11 Hardware/ Software | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY11 O&M Support | Sep 30, 2011 | 0 | Sep 30, 2011 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 Integrating IA Requirements & Architecture | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 ENGLink Redesign | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 Web Page Management | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 Training | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 Capital Planning Support | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 Security | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 Hardware/ Software | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY12 O&M Support | Sep 30, 2012 | 0 | Sep 30, 2012 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY13 Integrating IA Requirements & Architecture | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY13 ENGLink Redesign | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY13 Web Page Management | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |

| FY13 Training | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
|---|--------------|---|--------------------|----------------|---|---|----------------|---|---|
| FY13 Capital Planning Support | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY13 Security | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY13 Hardware/ Software | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY13 O&M Support | Sep 30, 2013 | 0 | Sep 30, 2013 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 Integrating IA Requirements & Architecture | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 ENGLink Redesign | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 Web Page Management | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 Training | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 Capital Planning Support | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 Security | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 Hardware/ Software | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |
| FY14 O&M Support | Sep 30, 2014 | 0 | Sep 30, 2014 | [Not answered] | 0 | 0 | [Not answered] | 0 | 0 |