eRA FY04 Annual Planning Update

~~Paul Markovitz~~ Scarlett Gibb

Project Team Meeting

January 13, 2004

Annual Planning Approach
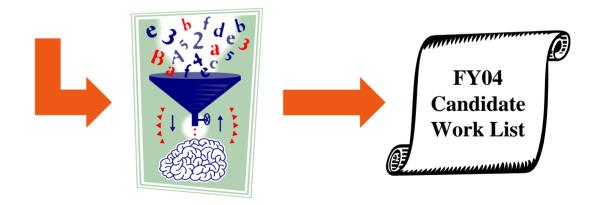## *Step 1: Produce Candidate Work List (Completed)*

INPUTS

Internal Knowledge *(e.g., user needs, data quality needs, etc.*)
Legislation & Policy (*e.g., HHS OPDIVs*)
Industry Best Practices (*e.g., J2EE*)
Federal, HHS and NIH Plans (*e.g., OMB 300/GPRA goals*)

FY04 Candidate Work List

Annual Planning Approach
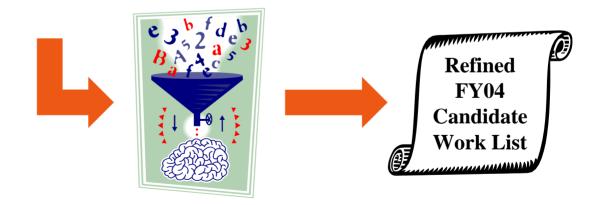## *Step 2: Functional & Sizing Analysis (Completed)*

FY04 Candidate Work List

Scope & Dependencies

BPM & Requirements (*what we need and what we have*)

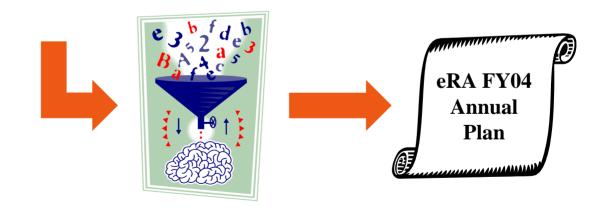Architectural Considerations

Initial Duration & Cost Guesses

Must Review Plan Quarterly (or as needed)

eRA FY04 Annual Plan

Rank	Requirements	Group	FY2004		Must Do
			Planned	Budgeted	
1	Electronic Receipt (eNAP, NRSA, resubmissions, CGAP enhancements, FSR NGA Profiles	1	X	X	X
2	J2EE Migration: Group 3 priority	1,2,3	X	X	X
3	Commons expansion	2	X		
4	eRecords Management	1,2			X
5	Work flow (eRequest - 901, ARA; eNotification; cross-business area communication, annotation of files)	1,2,3	X	X	
6	Virtual Organization Layers	1,2,3	X	X	
7	Co-Investigator & Key Personnel	1, 2			X
7	Single Sign On	1,2,3	X	X	X
9	Contract Data added	2			X
10	Grants.gov	2			X
11	eRA across business areas	1	X	X	
12	Knowledge Management	1,2			X
13	OPDIV Integration	2			X
14	IRDB Redesign	1			
14	Real-time Budget Data w/ATRS, NBRS	1			X
16	Enhance CRISP-like Functionality	1	X	X	
17	OLAW System Integration				

Refined Work List

- FY04 Strategic Goal (from OMB 300)
  - Implement an end-to-end capability for the electronic administration of grants.

- FY04 Performance Goal (from OMB 300)
  - Receipt of 25% of all grant applications and related transactions

- FY04 Work Tasks
  - CGAP Enhancements [*retreat priority #1*]
  - CGAP/Grants.gov Integration [*retreat priority #10*]

Refined Work List

- FY04 Strategic Goal (from OMB 300)
  - Enhance the quality, availability and delivery of HHS information and services to citizens, employees, businesses and government.

- FY04 Performance Goal (from OMB 300)
  - Convert 15% of architecture to n-tier

- FY04 Work Tasks
  - J2EE migration [*retreat priority #2*]
    - Persons Module, Edit Checker, User Admin (phase 1)
    - Grant Update Module, Grants Mgmt Module (phase 2)
    - iEdison (phase 3)

Refined Work List

- FY04 Strategic Goal (from OMB 300)
  - Implement an end-to-end capability for the electronic administration of grants.

- FY04 Performance Goal (New)
  - Automate x% of relevant grant life cycle activities as defined in the eRA Strategic Plan (TBD)

- FY04 Work Tasks
  - Commons Expansion [*retreat priority #3*]
    - Closeout status in Commons status; Allow creation of protocols in E-SNAP; Expose organizational hierarchy in Commons status; Implement external version of Web QT in status; J2EE X-Train with end-to-end processing
  - Contract interface to DCIS [*retreat priority #9*]
  - RFA/PA system - analysis only [*not part of ranking*]

Refined Work List

- FY04 Strategic Goal (from OMB 300)
  - Enhance the quality, availability and delivery of HHS information and services to citizens, employees, businesses and government.

- FY04 Performance Goal (New)
  - Implement x% of relevant architecture as reusable services and components that provide an enterprise view of eRA (Note: need plan to define percentages).

- FY04 Work Tasks
  - Workflow [*retreat priority #5*]
    - eNotification; architecture for electronic routing
  - Virtual Organization Layers [*retreat priority #6*]
  - Single Sign On [*retreat priority #7*]

Refined Work List

- FY04 Strategic Goal (from OMB 300)
  - Implement an enterprise approach to IT infrastructure and common administrative systems that will foster innovation and collaboration.

- FY04 Performance Goal (from OMB 300)
  - Add 25% of eligible HHS OPDIVs as eRA users

- FY04 Work Tasks
  - OPDIV Integration [*retreat priority #13*]
    - eRA enhancements to support OPDIVs
    - Data Mart for eRA and ACF GATES system

Refined Work List

- Continuation of multi-year projects
  - Additional functionality in various modules
  - Must retrofit to align with strategic and performance goals in an "eRA Strategic Plan"
  - Was not the primary focus of any group at the retreat
    - No retreat prioritization

New Contracts

Contract	Partners	Role
IBM	Ekagra Z-Tech	Architecture, Analysis, Integration
RNSolutions		Technical Operations
RS Information Systems		Helpdesk Support
Optimus		Documentation Support

New Development Contracts

Contract	Partners	Role
AC Technologies	Booz Allen Hamilton	Design & Development
Northrop Grumman Information Technology, Inc. (NGIT)	Silicon Spirit, Global Solutions	Design & Development
Science Application International Corp. (SAIC)	Altum, Turner Consulting Group	Design & Development

❖ Each Design & Development Contractor competes for task orders.

Current Task Orders

- Maintenance Task Order
  - Awarded initial maintenance task order to AC Technologies.
  - Targeting smaller, more frequent maintenance releases.

- iEdison
  - Request for Quote bids are under review.

CGAP & Grants.gov Status

- October/November CGAP Pilot Status
  - Received 20 new competing and continuing
  - Simple Research Grant Applications, modular budgets
  - Applicants sent in paper for back-up
  - Processed 13 successfully
  - Awaiting peer review in February
- CGAP Phase II Pilot (Upcoming)
  - Same criteria (excluding the need for paper)
  - Enhancements have been made for better processing
  - Few dozen expected
  - Plan to ramp up mid-2004 to a few hundred
- Grants.gov
  - Small pilot in February/March
  - System-to-system testing in March/April
  - Ramp up mid-2004

Task Orders for January 2004

- CGAP Pilot
  - *Evaluation*—Review software products to determine whether or not eRA should continue to build out or buy the exchange.
  - *Programming*—Create a prototype of the exchange and develop a sub-schema.

  Estimated Time for Completion: Three Months

Task Orders for January 2004

- NIH eRA Commons Expansion
  - Create J2EE version of X-Train with end-to-end processing
  - Create protocols in e-SNAP
  - Expose organizational hierarchy in Status
  - Implement external version of Web QT in Status

  Estimated Time for Completion: At least 1 year

Task Orders for January 2004

- DCIS
  - Create DCIS Interface

  Estimated Time for Completion: As soon as possible.

  Task Order Request for Quote Targeted for January

Task Orders for January 2004

- Data Mart for eRA and ACF Gates

  Estimated Time for Completion: Undetermined

  Task Order Request for Quote Targeted for January

Additional Recommendations for 2004 Task Orders

- *J2EE Migration—*
  - Initiate migration of tools and applications using Kumaron Systems' tools. Target User Admin. and Grants Management for proof of concept.

- *Lifecycle Redesigns—*
  - Complete initial conversion to J2EE before awarding task orders to life cycle redesigns.

- *Adding functionality to J2EE Internal Applications*
  - Develop task order strategy for adding J2EE Internal Applications to the list of 2004 task orders.

- *Workflow—*
  - Conduct architectural evaluation before Workflow is added on the list of 2004 February task orders.