ITER Project Status

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Project Manager, U.S. ITER Project

FESAC
Gaithersburg, MD
June 1, 2006
Outline

• International activities
  – ITER Organization structure
  – Building the (interim) international team: DDGs and urgent positions
  – Tasks, international integration and credit

• Domestic activities
  – WBS team leaders and team-building
  – Industrial expressions of interest
  – Preparations for upcoming reviews
Presently considered ITER Organization Structure
Building the (interim) international team: DDGs and urgent positions

- Process for staffing the ITER Organization, as per the ITER Agreement (US quota ~20 professionals)
  - ITER Organization distributes job position descriptions to the Domestic Agencies
  - Domestic Agencies respond with nominations of candidates
  - ITER Organization reviews and selects the successful candidate(s)
  - Successful candidates choose to become either employees of the ITER Organization or Secondees

- Based on submissions to the USITER.ORG pages and focused discussions, DOE is positioned to submit the US-candidate-DDG packages

- The DGN has just distributed his refined list of “Top Priority Urgent Open Positions”, for responses by the Parties
US tasks and international integration / refined sharing and credit

• The DGN issued
  – a work plan for “Transition to Construction through March 2007”, listing activities and priorities in each WBS area
  – A list of tasks (both “continued-2005” and “requested-2006”)

• The US
  – is reviewing the work plan and requested tasks,
  – will respond on the requested tasks and
  – will suggest other tasks in the US work plan for US in-kind contributions

• IPC-8 agreed to provide “credit” for contributions of cash, staff and work outside the in-kind procurement packages
  – US will request the “credit” that is appropriate for US tasks
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Senior Staff of the US ITER Project Office
(ORNL lead responsibility)

Project Manager: Ned Sauthoff
Deputy Project Manager: Carl Strawbridge
Project Controls: Suzanne Herron
Project Engineering Manager: Brad Nelson

Chief Scientist: Director, US Burning Plasma Org. (Ray Fonck)
Chief Technologist: Director, VLT (Stan Milora)

Procurement Manager: ORNL and USIPO to select
Business Manager: ORNL and USIPO to select
ES&H Specialist/Manager: ORNL and USIPO to select
QA Specialist/Manager: M. Skonicki (acting)
US ITER Project WBS Team Leaders
(to develop the plan, assign scopes, and deliver the products)

Diagnostics: David Johnson (PPPL)
ICH/ECH and Vacuum/Pumping/Fueling: David Rasmussen (ORNL)
Magnets: John Miller (FSU)
Tritium Exhaust Processing: Don Green (SRNL)
First Wall/Blanket Shield/Port Limiters: Mike Hechler (ORNL)
Electrical Power: Charlie Neumeyer (PPPL)
Cooling Water: Jan Berry (ORNL)
US ITER Web Site (www.usiter.org)
Procurement page:
the key to industrial participation in US ITER Project

Disclaimer
The submission of any vendor data does not commit us to pay for any costs incurred in the preparation and submission of the data, or commit us to award any subcontract to you, or incur any other financial obligation on our part.

Public Sites/Links
If you currently do not have a Dun & Bradstreet number, you need to obtain one now. This is required as part of your login into the Vendor Database Application.

Create a Company Profile
Are you a new user? If so, we need to build a user profile for you. This is used as a security mechanism so that only you can edit your data.

Edit a Company Profile
If you already have a user profile established, you can log in to the application and either enter new data or edit existing data.

Comments? Use this comment form to submit your comments/questions about the Vendor Database Application.
Preparations for upcoming reviews

• **DOE Office of Science (“Lehman”) review**  
  [late September 2006]  
  – Improved cost estimates (cost basis, value engineering, …),  
    with as much scope refinements as possible  
  – Schedule estimate  
  – Risk Management plan  
  – Acquisition and Project Execution plans

• **Office of Engineering and Construction Management review**  
  [October-November 2006]  
  – Focus on cost, as specified in the Deputy Secretary’s approval of CD-0
• **Major ITER Project Emphases (international and domestic)**
  – Defining the organizations and roles
  – Building the Teams
  – Refining the plans (costs, schedules, scope-sharing, approaches, …)
  – Focusing on managing risks

• **Community opportunities**
  – Engage with the WBS team leaders to develop the strongest domestic teams and plans
  – Provide excellent ITER Organization staff
  – Participate in upcoming activities focused on risk identification and mitigation
  – Work with the Burning Plasma Organization (Chief Scientist) and Virtual Lab for Technology (Chief Technologist) to identify and explore opportunities for improvement
US ITER PROJECT LOGO CONTEST UNDERWAY!

Submit/view submittals at:  http://www.usiter.org/