



VAi2: Improvement of Polytrauma Care



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- VAI2 Introduction
- Industry Innovation Competition Process Highlights
- Improvement of Polytrauma Care
- Questions & Answers

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VAi2: Industry Innovation Competition



“We identify, fund, and test new ideas from VA employees, academia, and the private sector. Our focus is on improving access, quality, performance, and cost. At the end of the day, progress in these areas greatly enhances the VA’s ability to serve Veterans in the 21st Century.”

- VAI2 gives Veterans Affairs a structured way to identify, fund, and test creative new solutions that advance the services we provide
- The Industry Innovation Competition is your invitation to participate in the process
- We’ve identified 6 key areas that are opportunities for significant advancement
- We ask for your best ideas on making significant improvements in these 6 areas
- Proposals should provide a clear benefit that can be demonstrated via prototype or field test within about 1 year

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Broad Agency Announcement Process



- Issued under FAR 35.016 and 6.102(d)(2)(i)
- Does not commit the Government to make an award or pay proposal preparation costs
- Open until September 30, 2010
- Government available to commence evaluations beginning July 6, 2010
- Proposals must be valid for at least 90 days
- Proposals will be evaluated on their own merit according to the criteria stated in the BAA, not against other proposals

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Broad Agency Announcement Process



Proposal Preparation Instructions

- Quality is more important than quantity of information
 - Technical volume is limited to 50 pages
 - Charts, diagrams and similar representations count towards the page limit
 - Hyperlinks are not allowed

Instructions, Continued:

- Firm Fixed Price (FFP) contracts preferred
- Offerors must be registered in the Central Contractor Registry (CCR)
- Proposals must be submitted electronically to vai2baa@va.gov

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“As a leader in the provision of rehabilitative services The Department of Veterans Affairs is looking for innovative ways to improve care for Veterans with injuries to multiple physical regions or organ systems.”

- Rehabilitation services are a key service of VA encompassing a broad range of therapies and treatments designed to reduce physical or mental disability and restore a patient to their optimal functional level.
- Polytrauma Care is a comprehensive interdisciplinary system of care for patients with injuries to multiple physical regions or organ systems such as:
 - Traumatic Brain Injury
 - Burns
 - Hearing Loss
 - Visual Impairments
 - Amputations
 - Fractures

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Evidenced Based Practice:

- VA is interested in solutions that will support evidenced based practice with access to treatment algorithms and the expansion of remote assistive technology, regardless of location.
- These efforts will help bridge geographical barriers to allow VA to provide the right treatments in the right places at the right times.

Possible Technology Solutions:

- Portable interfaces to computerized medical records
- Real time bi-directional data exchange
- Interactive programming to user entries
- Wireless communications
- Videoconferencing
- Remote sensing & monitoring
- Portable wearable sensors
- Mobile devices
- Web-based services
- Human factors, ergonomic and usability design
- Process and workflow design

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Dynamic Treatment Algorithms:

- VA, DOD, and the private sector have expanded the availability of evidence-based clinical practice guidelines for rehabilitation.
- VA is interested in maximizing utilization of these guidelines through technology.
- Consideration should be given to:
 - provider collaboration and outreach to allow real-time exchange of data between providers working on shared cases,
 - Interactions between patient and multiple providers,
 - and central documentation of results.

Home Monitoring for Severe and Challenging Disabilities:

- Veterans with severe disabilities may benefit from specialist recommendations for home modifications based on continual home monitoring.
- Injuries like Traumatic Brain Injuries and mental health conditions cannot be easily measured with traditional vital statistics.
- Solutions that can track difficult to monitor symptoms of these conditions are of interest.

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Symptom-Based Medication Guidance:

- Guidelines for treating mild, moderate, and severe Traumatic Brain Injury (TBI) are evolving thanks to increased research and collaboration.
- A mobile, dynamic, and reactive technology that can put guidelines in the hands of clinicians at the point-of-care could increase their utilization.
- VA is also interested in a solution that will allow collaboration between providers on complex cases.

Assistive Technology (AT):

- Veterans are frequently provided with assistive technologies such as augmentative communication, specialized mobility, etc.
- Training for these devices occurs at the prescribing clinic but sometimes needs change once the device is used in a home setting.
- VA is interested in solutions to monitor use, provide on-going training, and further evaluate AT needs remotely.

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Questions and Answers



- Answers to questions will be posted at www.fedbizopps.com

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