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Subject: Request for Letter of Intent

Bow Valley College has received funding from Human Resources and Skills Development Canada to develop and test an online adult literacy assessment battery and an accompanying online instructional system. The assessment battery will accurately diagnose reading skill gaps and the instructional system will provide materials that can be used for remedial instruction. The assessment battery will first determine skill by broad level before identifying discrete reading component weaknesses. Assessment reports will provide scores and direct learners to training interventions appropriate to improving skill in the areas identified as weak.

Under federal contribution guidelines, any subcontracted project work which is considered to be of significant value, must adhere to a competitive process. As such, the purpose of this request is to gather a letter of intent from any third-party organization/contractor wishing to bid on the following opportunity.

Assessment System Software Development

Bow Valley College is seeking a Contractor who is an expert in the development of software required for the online system to be used for the assessment and instructional system, for the federal contribution agreement (#8411829) entitled *Read to Succeed (RtS)*. Activities will commence in August, 2010 and must be completed by September, 2011. The Contractor will under the direction of a system architect develop or work with the following:

- Multi-tier web application(s)
- Scientific software
- Specialized tools (i.e., Ironspeed designer, etc.)
- Modular website(s)
- LMS

Qualifications

To qualify for consideration, contractors must demonstrate they have the following:

Skills and Knowledge:

- Visual Studio .Net (mainly C#)
- SQL Server integration (specialized custom aggregates, LINQ)
- JSON transfer and processing
- javascript (mainly jQuery-based)
- Vector mathematics
- Current W3C HTML specifications
- W3C web accessibility standards

Experience:

- Multi-tier web application development
- Implementing mathematical optimization algorithms
- Use of efficient design and development methods and implementation technologies (e.g., prototyping, versioning, data layer automation)
- Modular website development (e.g., DNN5)
- LMS development

The following skills and experience are not required, but will be considered strong assets to any offer:

- Experience in the field of education or of research
- Semantic web development
- Image processing and recognition

Letter of Intent Submission Guidelines:

- Submissions should be less than 3 pages in length
- Subject line should read: Letter of Intent to Bid – Assessment and Instructional System Software Development Contract (Project #8411829)
- Include contractor's name and contact information
- Overview of experience as listed above
- Overview of qualifications
- Include an estimated cost based on specifications outlined above

Deadline:

Please submit your letter of intent by **4:00 (MST) August 20, 2010** to mgardner@bowvalleycollege.ca Applications received after the deadline will not be considered.