CENTRE FOR MINED LAND REHABILITATION, SMI, THE UNIVERSITY OF QUEENSLAND
SCOPE OF WORKS
MRC-WIKI DEVELOPMENT AS PART OF ACARP C24067
MINES REHABILITATION AND CLOSURE WIKI

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PURPOSE

A research team within the Centre for Mined Land Rehabilitation is undertaking a research project to develop a Mine Rehabilitation and Closure knowledge management wiki. The project is funded by ACARP (Australian Coal Association Research Project) and is centred on coal mine rehabilitation in Central Queensland. A planning workshop was held in Mackay in early May with the Central Queensland Mine Rehabilitation Group to develop the structure for this MRC-Wiki with this practitioner network actively involved. In the long term it is the goal of this project to have this group help to manage and sustain the MRC-Wiki into the future, once established through this research project.

The research team are a seeking a wiki-developer willing to take the structure and content from a team of researchers and practitioners, to develop a functional wiki which is easy to use, easy to expand over time and simple to manage.

TIMING OF THE PROJECT

We would like the wiki to be developed between July 2015 and October 2015. We anticipate that the time for this wiki development component will take about 8-10 days total over these 4 months. There may be some extra time in 2016 allocated to the task if needed, however it is expected that the wiki will be developed this year so that practitioners and researchers can begin to populate the MRC-wiki commencing in late 2015. There are funds for acquisition of server/IT resources for this project.

STAGES OF WIKI DEVELOPMENT

It is anticipated that the wiki will involve the following.

1. Pre-deployment
   a. Hosting entity selection – hosting entity may affect platform selection as the corresponding IT department may have a platform preference or pre-existing license agreements. The hosting entity will be responsible for hosting, IT administration, networking, security, and maintenance. [initially UQ CMLR will host the wiki. During the progress of the ACARP project we will determine who/where the long term host will be. The research team need advice on the cost and functions of the host so other parties can evaluate the possibility of hosting eg. In Central Queensland]
   b. Platform selection – Ubuntu Linux Server LTS (Long Term Support) is a free enterprise class operating system that is recommended, however hosting on Microsoft Windows, while not ideal, may be possible.
c. WIKI software selection – MediaWiki is a free wiki software suite originally developed for Wikipedia. It is currently the de facto standard in wiki based publishing, however a number of other popular suites exists. Their suitability for the purpose of developing the MRC wiki needs to be evaluated.

2. Deployment
   a. Systems
      i. Physical host or virtual machine acquisition[depending upon 1a]
      ii. Platform configuration
      iii. Wiki software configuration
      iv. Authentication system integration if required – integration with the hosting entity’s authentication system may not be desired as users from across a number of organisations are expected
   b. Content
      i. Initial Wiki site structure, layout, and graphic design with input and advice by project team
      ii. Template and style design
      iii. Define administration roles and duties
      iv. Provide initial meta-content, which should include
         1. Mission statement
         2. Style guide
         3. How-to manual
      v. Provide initial content
      vi. User engagement – demonstration of the wiki and a quick introduction to publishing

3. Post-deployment
   a. Continued feedback and improvement

THE PERSON AND SKILLS WE NEED...
The successful MRC-wiki developer will provide advice on the server, functionality of the wiki and;
   1. Will have had experience with successful and timely wiki-development before
   2. Will be based at UQ preferably as student/staff/research role
   3. can work out of CMLR or remotely
   4. is able to deliver the project expectations during the time frames proposed
   5. is willing to take direction on MRC-wiki content from the research team
   6. may be able to provide guidance on the design /look of the MRC-Wiki as well.

Please respond by 16 June 2015.

Contact details for any queries regarding this project should be directed to the following. If anything is unclear please contact us. Please contact Thomas in the first instance. Thank you.

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