



stuart olson

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ENRC – FAQ SHEET

- S.O. Construction Management contract was awarded in spring 2007
- Project budget is \$620 million excluding land
- S.O. Construction Management contract budget is \$523 million for capital construction cost.
- ENRC consists of an Administration Bldg., a Health Care Pod, Segregation Pod, and 5 General Population Pods for an approx. total of 610,000 square ft.
- The new Remand centre includes 1947 beds in 981 cells and once completed will be the largest correctional facility in Canada.
- The 5 General Population Pods house 288 inmates each and are divided into 4 general living units. Including the Segregation Pod there are 24 separate living units. At present there are 18 known gangs operating in the Edmonton area.
- There is room on site to build an additional 3 General Population Pods in the future which will provide 12 additional living units.
- The project design is for a Direct Supervision Model for inmate supervision. This is a new model for the Alberta Solicitor General, although it is currently being used in a number of facilities in the States. There is a built in flexibility to easily convert to indirect supervision if required.
- In keeping with the recent mandate from Alberta Infrastructure the project is being designed to achieve LEED Silver designation.
- Some interesting facts to provide an idea on the scope of the project:
 - There are approx 2600 piles to be installed
 - There are over 7.1 km. of grade beam foundations
 - There will be approx. 643, 500 ft² of reinforced concrete block
 - There is approx. 30,600 yd³ or 23,400 m³ of reinforced structural concrete excluding any of the site walks, curbs or slabs.
- Pre-construction started in spring of 2007 with on-site construction starting mid Oct. 2007 with very limited design information. At the time of construction start all that was tendered was the stripping of the site and the site preparation for the building pads.
- Scheduled construction completion is November 2011 ready to start the owner FFE and training programs. This scheduled completion date has not changed since contract award in spring of 2007.
- To date approx. \$154.5 of the project budget has been tendered and awarded. We currently stand approx. \$20 million or 13% under budget.
- Stuart Olson has successfully tendered and is self performing on a fixed price contract basis approx. \$43.2 million of concrete and forming work spread out over three individual tender calls.
- From the construction management point of view the three most significant value added concepts Stuart Olson has brought to the table are:
 - Continuous Flight Auger piling system.
 - A rotation of 90 degrees to the structural framing system for the pods.
 - The steel radiant panel exterior wall