Agenda

1. Introduction to Defence Construction Canada
2. Environmental Services in DCC
3. DND Environmental Projects
   - Goose Bay Remediation Project
   - MARLANT Contaminated Sites Program
   - MARPAC Contaminated Sites Program
   - Valcartier TCE Clean Up Project
   - Dew Line Clean up Project
   - Pine Tree Park Remediation Project
4. Doing Business with DCC
1. Introduction to Defence Construction

Canada (DCC)

- Crown Corporation
- Incorporated under the Defence Production Act
- Defence Construction (1951) Ltd.
- DCC’s mission, operational activities and culture are focused on providing services to support the Department of National Defence and the Canadian Forces.
- DCC is the principle provider of infrastructure, environmental and project management support services to DND.
- DCC is Contracting Authority for DND Infrastructure and Environmental Projects.
- DCC has site offices at all bases and wings where our staff work closely with DND Engineering and Environmental staff.
2. Environmental Services in DCC

- Environmental Services is an important Service line in DCC
- There are 120 environmental professionals in DCC, distributed across the country
- DCC has 5 Practice areas in Environmental Services
  - Environmental Assessments
  - Environmental Management Systems
  - Hazardous Materials
  - Contaminated Sites
  - Unexploded explosive ordnance
  - Biological Services
- Some environmental work is done in house while the majority is contracted to industry
3. DND Environmental Projects

- Goose Bay Remediation Project
  - Air Force Base built during WW2
  - Large quantities of jet fuel stored
  - Low flying jet fighter pilot training
  - Contamination resulting from base operations
Goose Bay Remediation Project
Goose Bay Remediation Project
Goose Bay Remediation Project
Goose Bay Remediation Project
3. DND Environmental Projects

- Marlant Contaminated Sites Program
  - Maritime Atlantic, East Coast Navy
  - Largest Military Base in Canada
  - Contamination resulting from Base Operations
Marlant Contaminated Sites Program
Marlant Contaminated Sites Program
Marlant Contaminated Sites Program
3. DND Environmental Projects

- Marpac Contaminated Sites Program
  - Maritime Pacific, West Coast Navy
  - Contamination resulting from Base Operations
Marpac Contaminated Sites Program
Marpac Contaminated Sites Program
Marpac Contaminated Sites Program
3. DND Environmental Projects

- Pine Tree Park Remediation Project
  - Small radar station in Sydney, NS
  - Affected area is a housing complex
  - Underground fuel tanks at each house
Pine Tree Park Remediation Project
Pine Tree Park Remediation Project
Pine Tree Park Remediation Project
4. DND Environmental Projects

- Valcartier TCE Clean Up Project
  - Army Base in Quebec
  - Trichloroethylene was used as a metal degreaser for many years
  - TCE was discovered in the Base Water Supply in 1997
Valcartier TCE Clean Up Project
Valcartier TCE Clean Up Project
Valcartier TCE Clean Up Project
5. DND Environmental Projects

- DEW Line Clean Up Project
  - 21 Early warning radar sites
  - Built in the 60’s and closed 93
  - Remove hazardous materials and construct engineered landfills
DEW Line Clean Up Project

BAR 4 Station West Landfill
DEW Line Clean Up Project
4. Doing Business with DCC

- Leverage Industry capacity
- Competition
- Specialized Environment Projects
Consultant Contracts

Request for Abbreviated Proposal (RFAP) – 1 step

- Issued for specific project work or to set up Source Lists, or Standing Offers
- Tender document will describe the type of work required including all deliverables as well as milestones
- Necessary information such as evaluation criteria, submission requirements and budget are included
Consultant Contracts

Expression of Interest (EOI) and Request for Proposal (RFP) - 2 step

- EOI responses short-listed based on highest score after evaluation
- The short-listed companies are then invited to submit a more complete proposal in response to the RFP
- This process is used to bring the most qualified firms to the RFP stage and not impose an undue cost burden on the industry
Consultant Contracts

Evaluation Criteria

- Projects
- Qualifications
- Organizational Chart
- Approach & methodology
- Work Breakdown Structure (WBS)
- Schedule
- Responsibility Assignment Matrix (RAM)
- Price
Consultant Contracts

- The typical scoring on consultant projects is 85% technical and 15% price.
- For a two-step process, the EOI score forms 30% of the final score, while the technical score in the RFP stage is 55% and the price is 15%.
- The contract is then awarded to the highest scoring firm.
Construction and Service Contracts

Regular tender:
- More complex construction projects involving multiple trades
- Usually out to tender on Merx for a number of weeks

Tender board:
- Generally for single trade and less complex projects
- Usually out to tender for two weeks

Quick response tender:
- Generally for small, simple projects <$100,000 off approved source lists (QRT lists for various trades)
- Usually out to tender for one week
Construction and Service Contracts

Tender form:

- Same format for all 3 types of construction tenders
- Typically a lump sum contract
- Occasionally a unit price table is included and must be completed by the contractor
- Contract is awarded to the lowest compliant bid
Construction and Service Contracts

How to complete a tender form:

- Complete tender form by entering all required information such as price, legal name, address, GST/HST registration number, address, number of amendments
- Apply corporate seal if necessary
- Do not add any additional information either on the tender form or as an attachment
Construction and Service Contracts

How to submit a tender:

- Register with Merx for the project to receive the correct tender form and all amendments
- Submit to the specified closing location prior to tender close
- Only original tenders will be accepted – no faxes or photocopies
- Only include what is requested, such as bid bonds
Specialized Contracting for Remediation Projects

- Allocating Risk
- Work involves both construction and consulting work
- Design/Build/Operate
Qualified Contractors

- Two envelop process
- Envelope 1 provide list of similar projects completed
- Envelope 2 is price
- Award is based on price
Invitation to tender (ITT)

- Highly specialized, technical project
- Two envelope process
- Proponents are evaluated
- Meet a minimum score
- Price envelops are opened
- Award is based a blend of technical evaluation and price
Finding and bidding on contracts

- Merx
  - [www.merx.com](http://www.merx.com)
- Newspaper Ads
- Local newspapers
- Office Locations
  - Construction associations, and local DCC offices
Finding and bidding on contracts

- MERX -

- Independent private sector tendering service:  www.merx.com

- All federal government publicly tendered projects posted on MERX.

- Contractors can obtain contract documents by ordering them online through MERX.

- Professional consultants can access RFP opportunities.
Finding and bidding on contracts

- MERX -

- Search on “Defence Construction Canada” or a specific location
- Project information
- Brief description of the project
- Closing date
- Estimate project value
- How to obtain the documents
Finding and bidding on contracts

Local information

- Newspaper ads are placed on an occasional basis and posted in conjunction with a posting on MERX.

- DCC site offices and local construction associations also have information.
In Closing

Thank you for your interest in project opportunities with

Defence Construction Canada

www.dcc-cdc.gc.ca