Position	Kugluktuk (**bold font**: indicated interest/current availability)	Cambridge Bay	Kugaaruk	Taloyoak	Gjoa Haven
Heavy Equipment Operator	**Aklok, David** Aklok, David Frank **Bolt, Jorgen** **Bolt, Stephen** **Bolt, Frank** Bolt, Clarence **Havioyak, Angus** **Hikhaitok, Don** **Ihumatak, Darren** **Kakolak, Louie** **Kellogok, Stephen** **Kigiuna, Peter** **Klengenberg, Kevin** **Koahina, Fred** **Nirgtaratiak, Colin** **Nivingalok, David** **Ogina, Joe** **Ongahak, Abraham** **Oniak, Jerry** **Pigalak, Tommy**	Akhok, Ron Atatahak, Bernie Ehaloak, Sammy Jr. Evatalegak, Joe Evatalegak, Olie Kaosoni, Jimmy Kapolak, Allen Kavana, David Kingatok, David Klengenberg, Bobby Mala, Cyril Mala, Danny Nanegoak, Ikey Taptoona, Kitik Tiktalek, Gary	Akka, David Anaittuq, Jean Marie Anguti, Cedrik Aqqaq, David Hiesinger, Ron Illuitok, David Illuitok, Michael Iluitok, Lederick Immingark, Frank Immingark, Barnaby Immingark, Allen Inuksaq, Isabella Inutuinaq, Savarino Inutuinaq, Edward Iqqugaqtuq, Martin Kavasark, Raymond Kayaitok, Tom Krejunark, Adam Kukkuvak, Brian Kutsiutikku, Mark Kutsurtikku, Mark Makkituq, Greg Nalungiaq, William Nalungiaq, William Nalungiaq, Mary Jane Nalungiaq, Dennis Nartok, Gilbert Nartok, Gary Niptayuk, Pascassius Oogark, Zachary Pootooloot, Levi Pudjuardjok, Columban Qaggutaq, Patrick Qaggutaq, Ema Qayaqsaaq, Joseph Qayasaaq, Childerick Qirngnuq, Emiliano Sigguk, Johnny Sigguk, Jocelino	Aleekee, Michael Idlout, Jessie Inuksaq, Willie Irqqiut, Noah Kingatook, David Klengenberg, David Kootook, David Paniloo, Tim Pujuardjuk, Adam Qayutinnuaq, Peter	Aglukkaq, Adam Akkikungnaq, Peter Akkikungnaq, David Akoak, Tom Angottitauruq, Dennis Eleaheetook, Samuel Hiqiniq, David Kaloon, Allen Karoo, Judas Klengenberg, Pat Magaknak, Jonathan Okpik, Louie Palongaynuk, Andrew Porter, Ben Sr. Puqiqnak, Kenneth Qinqnatuq, Doyle Ulikataq, Mark

Position	Kugluktuk (**bold font**: indicated interest/current availability)	Cambridge Bay	Kugaaruk	Taloyoak	Gjoa Haven
			Suvissak, Michael Suvissak, Thomas Tigvarek, Gerald Tungilik, Gary		
Heavy Equipment Mechanic/Welder	**Aklok, David F.** **Anablak, Martin** **Appatok, Bobby** **Hikolok, Roger** **Katik, Phillip** **Ovilok, Gerry** Taptuna, Kenneth Taptuna, Peter	Evalik, Joey Greenley, Bob Koplomik, Victor Lyall, Bill Atatahak, Keith		Lyall, Dennis	Aglukkaq, Adam Angulalik, Clayton Otokeak, David Porter, Ben Sr.
Truck Driver	**Aklok, David** **Avakana, Dennis** **Bolt, Jorgen** **Bolt, Stephen** **Hala, Simon** **Havioyak, Angus** **Hikhaitok, Don** **Ihumatak, Darren** **Kaiyogana, Eric** **Kakolak, Louie** **Kellogok, Stanley** **Klengenberg, Kevin** **Kakolak, Bobby** **Kuniluk, Albert** **Naoyaina, Tommy** **Ovilok, Jerry** **Pigalak, Tommy** **Talgetok, David**	Atatahak, Keith Ayak, Vern Ehaloak, Sam Jr. Evalik, Noel Evataiegak, Joe Evataiegak, Olie Greenly, Bobby Illuktok, David Kiloadiuk, Tommy Kitigon, Allan Klengenberg, Bob Kukliukak, George Maksagak, Harry Mala, Gary Nanagoak, Ikey	Anguti, Cedrik Illuitok, Michael Immingark, Barnaby Inutuinaq, Dominique Kutsurtikku, Mark Nagalik, Michael Nalunqiaq, William Pujardjok, Columben Sigguk, Robert Sugguk, Jocelino Suvissak, Thomas	Aleekee, Michael Aqqaq, David Irrqqiut, Noah Kiahingnaq, Peter Paniloo, Tim Peetooloot, Kokiak Qayutinnuaq, Peter Qinganatuq, Johanasie Ukuqtunnuaq, Jason Ukutunnuaq, Johanasie	Aglukkaq, Adam Kukkuvak, Brian Okpik, Louie Pauloosie, Sammy
Labourer/Scaleperson/Cutter	**Akana, Rebecca** **Akana, Bessie** **Anablak, Martin** **Appatok, Bobby** **Atatahak, Eric** **Avakana, Dennis** **Carpenter, Peter** **Kaiyogana, Eric** **Kaiyogana, J.R.** **Kakolak, Craig**	Altaok, Chris Altaok, Jorgen Amegainik, Colin (sp.) Analok, David Angulakik, Clayton Apsimik, Chris Atatahak, Keith Avalak Johnny Avalak, Gary Crockett, Clara	Anguti, James Inaksajak, Stephan Iqauyuituq, Tommy Ittimangnak, Derek Nartok, Makabe Niptayuk, Abraham Niptayuk, Moses Qirngnuq, Bruce	Aklah, Noah Aqqaq, David Bernhardt, Lee Irrqiut, Noah Karloo, Johnny Mannilaq, Raymond Napacheekadlak, Ronnie Omeamuq, Brian Paniloo, Tim	Aksalook, Saul Innakatshik, Phillip Porter, Eric

Position	Kugluktuk (**bold font**: indicated interest/current availability)	Cambridge Bay	Kugaaruk	Taloyoak	Gjoa Haven
	Kakolak, Louis **Keadjuk, Johnny** **Kellogok, Gary** Kellogok, Stanley **Kikpak, Ashley** Klengenberg, Stanley **Kakolak, Bobby** **Kokak, Roy** **Kukilukak, Gary** **Magaknak, Wayne** **McCotter, Ihumatak** **Nigaktalik, Jamie** **Niptanatiak, Kevin** **Novoligak, Jackie** **Ogina, Allen Scott** **Ongahak, Robert** **Ovilok, Lodie Ian** **Pangon, Terry** **Talitok, Clifford** **Taptuna, Jason** **Tiktalik, Glenn** **Algona, Wynn**	Ehakataitok, Richard Ehaloak, Sammy Jr. Elias, Barry Etegik, Jerry Evalik, Joey Evalik, Martin Evetalegak, Joe Evetalegak, Kevin Hakungak, Colin Hanak, David Haongak, Mark Haongak, Stephen Hikhaitok, Bruce Kalyogana, Ian Kaosoni, Desmond Kaosoni, Kurtis Kilaodluk, Jack Kitigon, Vernon Koaha, Joe Jr. Koaha, Joe Sr. Komak, Jeffery Komak, Russell Komaksiut, Jimmy Koplomik, Victor Kupeuna, Jack Lyall, Bobby Lyall, Ernie Lyall, Fiona Lyall, Willy Maksagak, Randy Mala, Andy Mala, Gary Mala, Nell Nanegoak, Ikey Neglak, Annie Niptenakiak, Chris Okhina, Jimmy Okhina, Jimmy Jr. Otokiak, Andre Patterson, Annie		Totalik, Allen Ukuqtunnuaq, Jason	

Position	Kugluktuk (**bold font**: indicated interest/current availability)	Cambridge Bay	Kugaaruk	Taloyoak	Gjoa Haven
		Taipagak, John Taipagak, Paul Tiktalak, Gary Tologanak, Richard Tologanak, Sylvia Wingnek, Bradley Wood, Charlie			
Asbestos Labourer	Can be trained on site	12 people were trained in asbestos abatement during the CAM-M clean-up (list of names to follow)		Qayutinniaq, Peter Qinganatuq, Johanasie Ukuqtunnuaq, David	Klengenberg, Pat Okpik, Louie
Hazardous Material Handler					
Cook/Cook's Helper	**Akana, Bessie** **Algona, Mary** **Algona, Patricia** **Allukpik, Irene** **Angivrana, Arnold** **Angnahiak, Anne** **Atatahak, Lena** Ayaligak, Darlene **Carpenter, Florence** **Ekaloon, David** Ekaloon, David **Hikomak, Lorraine** **Kakolak, Rita** **Klengenburg, Melvin** **Klengenburg, Sheila** **Meyok, Rita** **Nigiyok, Susie** **Nivingalok, Beatrice** **Nivingalok, Colleen** **Pangon, June** **Panioyak, Melanie** Panioyak, Melanie **Pigalak, Gailene**	Maksagak, Bert Lyall, Willie	Kayaitok, Benedicta Nalungiaq, Jacqueline Nalungiaq, Lila Niptayuk, Abraham	Totalik, Angeline Totalik, Clothida Tulurialik, Ruth Ugyuk, Peter	Aaluk, Danny Kameemalik, Louie Kikoak, Florence Porter, Rosie Puqiqnak, Lorraine Sigguk, Anita
Bear Monitor	**Bolt, Jorgen** **Enogaloak, David** **Hopok, Bobby** **Ihumatak, Darren**	Available through HTO	Available through HTO	Aklah, George Peetooloot, Kokiak Tulurialik, Joe	Available through HTO

Position	Kugluktuk (**bold font**: indicated interest/current availability)	Cambridge Bay	Kugaaruk	Taloyoak	Gjoa Haven
	Kikpak, Ashley **Kuniluk, Colin** **Ogina, Allen Scott** **Panioyak, Dean** Others available through HTO				
First Aid	Training has been taken by a number of people in the community			Aqqaq, David Qayutinnuaq, Peter Qinganatuq, Johanasie Ukuqtunnauq, David	Okpik, Louie

Appendix D

CONTRACTOR'S INUIT PARTICIPATION PLAN

DEW LINE CLEAN UP – PIN-3 Lady Franklin Point
CONTRACTOR'S INUIT PARTICIPATION PLAN

Firm _____

INTRODUCTION

1. The following information is provided pursuant to Annex A "Request for Tender". In the event that we require the services of subcontractors or suppliers within the Nunavut Settlement Area, the following describes our plan to procure bids or services from Inuit sub contractors or suppliers and our plan to hire Inuit human resources.

2. The Contractor's responsibilities as outlined in the NTI-DND Economic Agreement shall be met during the execution of the work.

3. Pages 1, 2 and 3 of Appendix D are submitted as part of the Contractor's Inuit Participation Plan

In conjunction with page 2 of this appendix, attached is a description of how the MICC will be achieved, including, where possible and without limitation, the names, addresses and particulars or any actual or proposed subcontractors or suppliers and contracting arrangements.

In conjunction with page 3 of this appendix attached is a list of all positions, by trade, indicating which positions it is anticipated will be filled by Inuit, along with the education, qualifications and skills, experience and/or equivalence required for the positions noted above. Also included is a description of the steps to be taken to increase Inuit employment, including details of recruitment programs, training or apprenticeship programs and equivalencies for formal qualifications. As well, a description is attached of how the NTI projection of 82.5% Inuit Employment Content could be achieved.

MINIMUM INUIT CONTENT FOR CONTRACTING PLAN
ANTICIPATED EXPENDITURES PIN-3 CLEAN UP

FIRM:

LIST ALL SUBCONTRACTORS / SUPPLIERS TO BE USED, use additional sheet if required.

INUIT CONTRACTING CONTENT

ITEM OF WORK	COMPANY/ ADDRESS/ PHONE	% OF BID PRICE
TOTAL INUIT		

NON-INUIT CONTRACTING CONTENT

ITEM OF WORK	COMPANY/ ADDRESS/ PHONE	% OF BID PRICE
TOTAL NON-INUIT		

Note: Form provided for general guidance only; to be reproduced by bidders as required to allow for all applicable subcontracts / suppliers to be shown.

MINIMUM INUIT EMPLOYMENT CONTENT PLAN

ANTICIPATED EXPENDITURES PIN-3 CLEAN UP

FIRM:

	PERSON DAYS (ANTICIPATED)	**PERCENT**
INUIT		
NON-INUIT		
TOTAL		**100%**

Note: Form provided for general guidance only. **Bidders are also to provide a summary of the number and types of positions anticipated, including which of those positions are to filled by Inuit, as well as a monthly projection of Inuit / Non Inuit employment, broken down by trade (as per 6.5.1.2 of Annex A – Request for Tender).**

Appendix E

MONTHLY INUIT BENEFITS UPDATE FORM

Appendix E

PIN-3 CLEAN UP - MONTHLY INUIT BENEFITS UPDATE

Due on the 30th of each month

Firm: _____ Date:

MONTHLY	MIEC		MICC	
	Person Days	%	$ Value	%
Inuit				
Non-Inuit				
Total		100		100

CUMULATIVE	MIEC		MICC	
	Person Days	%	$ Value	%
Inuit				
Non-Inuit				
Total		100		100

Contractor's comments on progress versus plan:

Attach a list of the Inuit and Non-Inuit who where employed on the project during this time period and indicate their position and number of person-days for the period. Include all on-site and off-site personnel. Also provide a breakdown of the positions, indicating which positions were filled by Inuit.

Appendix F

ANNUAL INUIT BENEFITS REPORT

DEW LINE PIN-3 CLEAN UP

ANNUAL INUIT BENEFITS REPORT

INTERIM REPORT ☐

FINAL REPORT ☐

FIRM

FOR THE PERIOD BETWEEN _____ AND _____ .

INTRODUCTION

1. The following information is provided pursuant to the contractual requirements established in Annex A "Request for Tender". This information outlines the activities undertaken to achieve our Inuit participation commitments.

2. List the project activities that were achieved during this period:

   e.g. - excavation and containerization of Tier II soils
   - collection and disposal of non-hazardous waste, etc.

INUIT BENEFITS

3. Inuit benefits which accrued during the course of the above activities are to be outlined at page 2 of this Appendix.

4. Attach a list of all positions by trade. Indicate the number of positions in each trade group and which of these positions were filled by Inuit.

5. Attach a list of the Inuit (with addresses) who were employed on the project and include the number of mandays each individual worked during this period

6. Indicate on page 3 of Appendix F the actual percentage of Inuit expenditures by activity area.

PIN-3 CLEAN UP - INUIT BENEFITS REPORT

INTERIM REPORT ☐
FINAL REPORT ☐

Firm: _____ Date:

	MIEC		MICC	
	Person Days	%	$ Value	%
Inuit				
Non-Inuit				
Total		100		100

Remarks:

Note: If the **MICC** and the **MIEC**, identified in the contractor's participation plan have not been achieved, the contractor is to indicate the reasons for which these levels were not achieved.

EXPENDITURES – PIN-3 CLEAN UP
CONTRACTING CONTENT

COMPONENT	FIRM USED	INUIT STATUS (YES/NO)	VALUE $	% OF TOTAL VALUE
Marine Transportation				
Commercial Airlines				
Local Aircraft Charter				
Catering				
Small Tools				
Camp Supply				
Bond and Insurance				
Office Supplies				
Communications Equipment				
Bear Monitor				
Geotextile – Supply and Install				
Geomembrane – Supply and Install				
Drilling for Instrumentation				
Instrumentation				
Public Consultation / Translation				
Excavate Hazardous / Contaminated Soil				
Landfarming				
Gravel – Excavate and Place				
Common Excavation				

EXPENDITURES – PIN-3 CLEAN UP
CONTRACTING CONTENT, cont.

COMPONENT	FIRM USED	INUIT STATUS (YES/NO)	VALUE $	% OF TOTAL VALUE
Demolition and Debris				
Landfill Excavation				
Asbestos Abatement				
Project Management and Overhead				
Human Resource / Labour				
		TOTAL		

Note: This table is provided for information only. Contractor is to breakdown work into specific components as required.

Appendix G

FOR INFORMATION ONLY

EXCERPTS RELATED TO SUPERVISOR, WORKER AND VISITOR ORIENTATION

FROM A TRAINING AND EMPLOYMENT PLAN,

PREPARED BY DND

3.0 ORIENTATION COURSES

3.1 OBJECTIVES AND PRESENTATION OPTIONS

Information regarding basic orientation courses is provided in this section. Generally a course of about eight hours in length is provided for supervisors and foremen and one of about four hours is held for the contractor's general work force.

The objective of these courses is to familiarize the employees with the scope of work at their site and the applicable health, safety and environmental policies and regulations that need to be followed. This will enable workers to perform safely on the site and be aware of any inherent dangers on the project and the procedures to prevent or react to safety/environmental accidents.

The courses are structured for work at the BAR-3 Tuktoyaktuk site. With suitable site specific data changes they can be used as outlines for preparation of courses related to the other sites.

It is intended that the contractor present the course to his employees (and DND project management staff that will be on site). Each person should attend one of the courses prior to starting work at a site, and be required to sign a record of attendance form (to be retained by the contractor).

The courses could be presented at the major mobilization point prior to start of work at each site. Thereafter, the contractor's site project manager could provide the orientation to new employees when they arrive at the work site.

3.2 SUPERVISOR/FOREMAN ORIENTATION

A course plan suitable for contractor supervisor/foreman staff is provided at the end of this section. It is in a stand-alone format that could be directly copied and used as a guide for presentation purposes. An estimated 8-hour period would allow for its presentation to a small group, including a discussion session.

3.3 WORK FORCE ORIENTATION

A course plan suitable for the contractors' general workforce is provided at the end of this section. It is in a stand-alone format that could be directly copied and used as a guide for presentation purposes. An estimated 4-hour period would allow for its presentation to a small group, including a discussion session.

This orientation program follows the same format as the Supervisor/Foreman program for Sections 1, 2, and part of 3. Thereafter the class is broken into smaller groups for the remainder of the course. The groups are made up of employees with common work activities, such as hazardous material handlers and asbestos labourers in one, with heavy equipment operators, heavy equipment mechanics, truck drivers in another. This will allow instructors to concentrate on specific tasks that will be most applicable to the work each group will be doing.

DEW LINE CLEAN UP ORIENTATION

Supervisor/Foreman Program Outline

1.0 PROJECT DESCRIPTION

1.1 INTRODUCTION

The Government of Canada has modernized the air defence of Canada through a joint USA/Canada project referred to as the North American Air Defence Modernization (NAADM) project. This project includes the conversion of certain Distant Early Warning (DEW) radar facilities to North Warning System (NWS) radar sites and the closure of other DEW sites. These DEW facilities and parts of their associated land use areas, that are no longer in use, require extensive clean up and restoration.

There are 21 DEW Line sites that are involved in this project. They are located along the Arctic coast as shown on Figure 1.1 The six westerly sites are within the Inuvialuit Settlement Region (ISR) while the remaining 15 are in the recently established Nunavut Settlement Area (Nunavut).

This orientation program provides both general information applicable to all sites and specific data related to the work requirement for the BAR-3 Tuktoyaktuk site.

1.2 SCOPE OF WORK

Considerable site investigation and design work has been carried out to prepare for the clean up and restoration activities. The general terms and conditions for physical restoration of the sites have been determined between the various parties involved, under the direction of the Department of National Defence (DND). Protocols have been established to set the clean up objectives, particularly for contaminated soils, hazardous materials and/or other environmentally sensitive activities.

Although the amount of work required at each site is variable, the following activities will generally be common to each site:

- disposal of debris and DCC Tier I soil in landfills;
- containerization of DCC Tier II soil and hazardous material;

- removal and landfilling of asbestos;
- remediation and construction of landfills;
- landfill excavation;
- demolition of facilities; and
- regrading and reshaping the site.

Detailed design has been carried out for the performance of this project. As of December 31, 1995, drawings and specifications are at a 95% complete stage. Defence Construction Canada Ltd. (DCL) will manage the various clean up and restoration contracts on behalf of DND. Further details of the scope of work for the BAR-3 site are included in part 4 of this program.

1.3 REGIONAL OVERVIEW

(Example. BAR-3 Tuktoyaktuk is located on a peninsula jutting into Kuqmallit Bay on the Arctic mainland at 69°26'45" north latitude and 133°00'19" west longitude.

The station is within the community of Tuktoyaktuk. Tuktoyaktuk is a community of some 1,000 people (**provide a small plan of Tuktoyaktuk**), with a full range of commercial and public services. The location of the DEW Line facilities is shown on Figure ____ (**provide a small plan from contract drawings**).

The facility to be cleaned up was an auxiliary station within the original DEW Line system and has now been decommissioned. A new Short Range Radar Station has been built adjacent to the old facilities as shown on Figure ____ (**provide a drawing**). Because some of the new structures are so close to the old facilities, extreme care will be required in carrying out the demolition work.)

1.4 PROJECT ORGANIZATION/SCHEDULE/ADMINISTRATION

(Details to be provided after contractor is selected and work plans/schedule are confirmed. This section could also include employee information on personnel policies, supervisory reporting relationships, communication, payroll, banking procedures, work schedules and hours, camp rules, etc.)

1.5 TRAINING ACTION PLANS

(Details to be provided after Training Plans are selected.)

2.0 THE ENVIRONMENT - ISSUES AND PROTECTION PROCEDURES

2.1 CLIMATE

Provide data on precipitation and temperature means during the construction season, stress the need to wear suitable clothing, impacts of climate/weather on travel and safe working conditions. Data sources - Environment Canada or Final Report on the Environmental Clean-up Study of 21 DEW Line Sites in Canada, June 1991.

2.2 LAND

- Local Resource Use
  (Data source - Environmental Protection Plan, December 1994 (EPP) Section 5.2 (or as amended by a site specific Environmental Protection Plan that may be done)).

- Permafrost Soils
  (Data source - EPP Section 5.6.)

2.3 WATER RESOURCES/FISHERIES

- Surface Water and Fish Habitat
  (Data source - EPP Section 5.5.)

- Coastal Marine Resources
  (Data source - EPP Section 5.7.)

2.4 WILDLIFE

- Terrestrial Resources
  (Data source - EPP Section 5.8.)

2.5 HERITAGE RESOURCES
(Data source - EPP Section 5.9.)

2.6 SUMMARY
(Data sources - EPP Section 8.0 for specific site protection procedures. For example Section 8.3 covers BAR-3 Tuktoyaktuk requirements.)

3.0 GENERAL HEALTH AND SAFETY

(Data sources - The Contractor's policies and procedures related to site specific work, NWT and other jurisdiction regulatory requirements for handling hazardous wastes and other construction activities and contract requirements for the following general topics.)

3.1 WORKING AS A TEAM WITH OTHERS
(including need to do multi-jobs if required and other contractor policies)

3.2 WORK ATTITUDES AND PRODUCTIVITY

3.3 RESPECT FOR WILDLIFE (AND OTHER LOCAL RESOURCES)

3.4 FIRST AID KNOWLEDGE/PROCEDURES
(including primary and secondary medical treatment centres, on site medical aid, etc.)

3.5 GENERAL CAMP RULES AND LOCAL COMMUNITY CONTACT RESTRICTIONS

3.6 CLOTHING (SUITABLE FOR CLIMATIC CONDITIONS) AND HAZARDOUS MATERIAL PROTECTION GEAR

3.7 SAFE USE OF TOOLS
(especially those with which workers may not be familiar, such as cut-off saws, cutting torches, and demolition of structures.)

3.8 SAFE OPERATION OF EQUIPMENT

4.0 WORK SPECIFIC TASK REQUIREMENTS

(Data sources - Sections of the EPP, especially 2, 3, and 4; contract documents and training program information on requirements and procedures for the following general topics. The hazards of each work activity would be specifically described during discussions on each of the topics, as appropriate.)

4.1 ASBESTOS ABATEMENT

4.2 PCB CONTAMINATED SOIL CLEAN UP

4.3 DEMOLITION AND MATERIAL DISPOSAL

4.4 DRUM COLLECTION AND DISPOSAL PROCEDURES

4.5 TRANSPORTATION OF DANGEROUS GOODS

4.6 TRAVEL RESTRICTIONS/REQUIREMENTS

4.7 PERMAFROST MAINTENANCE

4.8 EPP SPECIFIC MITIGATION PROCEDURES

4.9 ADMINISTRATIVE REQUIREMENT
(including shipping material, disposing of material, archaeological site preservation, etc.)

DEW LINE CLEAN UP ORIENTATION

Workforce Program Outline

1.0 PROJECT DESCRIPTION

1.1 INTRODUCTION

The Government of Canada has modernized the air defence of Canada through a joint USA/Canada project referred to as the North American Air Defence Modernization (NAADM) project. This project includes the conversion of certain Distant Early Warning (DEW) radar facilities to North Warning System (NWS) radar sites and the closure of other DEW sites. These DEW facilities and parts of their associated land use areas, that are no longer in use, require extensive clean up and restoration.

There are 21 DEW Line sites that are involved in this project. They are located along the Arctic coast as shown on Figure 1.1 The six westerly sites are within the Inuvialuit Settlement Region (ISR) while the remaining 15 are in the recently established Nunavut Settlement Area (Nunavut).

This orientation program provides both general information applicable to all sites and specific data related to the work requirement for the BAR-3 Tuktoyaktuk site.

1.2 SCOPE OF WORK

Considerable site investigation and design work has been carried out to prepare for the clean up and restoration activities. The general terms and conditions for physical restoration of the sites have been determined between the various parties involved, under the direction of the Department of National Defence (DND). Protocols have been established to set the clean up objectives, particularly for contaminated soils, hazardous materials and/or other environmentally sensitive activities.

Although the amount of work required at each site is variable, the following activities will generally be common to each site:

- disposal of debris and DCC Tier I soil in landfills;
- containerization of DCC Tier II soil and hazardous material;

- removal and landfilling of asbestos;
- remediation and construction of landfills;
- landfill excavation;
- demolition of facilities; and
- regrading and reshaping the site.

Detailed design has been carried out for the performance of this project. As of December 31, 1995, drawings and specifications are at a 95% complete stage. Defence Construction Canada Ltd. (DCL) will manage the various clean up and restoration contracts on behalf of DND. Further details of the scope of work for the BAR-3 site are included in part 4 of this program.

1.3 REGIONAL OVERVIEW

(Example. BAR-3 Tuktoyaktuk is located on a peninsula jutting into Kuqmallit Bay on the Arctic mainland at 69°26'45" north latitude and 133°00'19" west longitude.

The station is within the community of Tuktoyaktuk. Tuktoyaktuk is a community of some 1,000 people **(provide a small plan of Tuktoyaktuk)**, with a full range of commercial and public services. The location of the DEW Line facilities is shown on Figure ____ **(provide a small plan from contract drawings)**.

The facility to be cleaned up was an auxiliary station within the original DEW Line system and has now been decommissioned. A new Short Range Radar Station has been built adjacent to the old facilities as shown on Figure _____ **(provide a drawing)**. Because some of the new structures are so close to the old facilities, extreme care will be required in carrying out the demolition work.)

1.4 PROJECT ORGANIZATION/SCHEDULE/ADMINISTRATION

(Details to be provided after contractor is selected and work plans/schedule are confirmed. This section could also include employee information on personnel policies, supervisory reporting relationships, communication, payroll, banking procedures, work schedules and hours, camp rules, etc.)

1.5 TRAINING ACTION PLANS

(Details to be provided after Training Plans are selected.)

2.0 THE ENVIRONMENT - ISSUES AND PROTECTION PROCEDURES

2.1 CLIMATE

Provide data on precipitation and temperature means during the construction season, stress the need to wear suitable clothing, impacts of climate/weather on travel and safe working conditions. Data sources - Environment Canada or Final Report on the Environmental Clean-up Study of 21 DEW Line Sites in Canada, June 1991.

2.2 LAND

- Local Resource Use
  (Data source - Environmental Protection Plan, December 1994 (EPP) Section 5.2 (or as amended by a site specific Environmental Protection Plan that may be done)).

- Permafrost Soils
  (Data source - EPP Section 5.6.)

2.3 WATER RESOURCES/FISHERIES

- Surface Water and Fish Habitat
  (Data source - EPP Section 5.5.)

- Coastal Marine Resources
  (Data source - EPP Section 5.7.)

2.4 WILDLIFE

- Terrestrial Resources
  (Data source - EPP Section 5.8.)

2.5 HERITAGE RESOURCES
(Data source - EPP Section 5.9.)

2.6 SUMMARY
(Data sources - EPP Section 8.0 for specific site protection procedures. For example Section 8.3 covers BAR-3 Tuktoyaktuk requirements.)

3.0 GENERAL HEALTH AND SAFETY

(Data sources - The Contractor's policies and procedures related to site specific work, NWT and other jurisdiction regulatory requirements for handling hazardous wastes and other construction activities and contract requirements for the following general topics.)

3.1 WORKING AS A TEAM WITH OTHERS
(including need to do multi-jobs if required and other contractor policies)

3.2 WORK ATTITUDES AND PRODUCTIVITY

3.3 RESPECT FOR WILDLIFE (AND OTHER LOCAL RESOURCES)

3.4 FIRST AID KNOWLEDGE/PROCEDURES
(including primary and secondary medical treatment centres, on site medical aid, etc.)

3.5 GENERAL CAMP RULES AND LOCAL COMMUNITY CONTACT RESTRICTIONS

NOTE: Class is broken into task related groups for the remainder of the orientation sessions.

3.6 CLOTHING (SUITABLE FOR CLIMATIC CONDITIONS) AND HAZARDOUS MATERIAL PROTECTION GEAR

3.7 SAFE USE OF TOOLS
(especially those with which workers may not be familiar, such as cut-off saws, cutting torches, and demolition of structures.)

3.8 SAFE OPERATION OF EQUIPMENT

4.0 WORK SPECIFIC TASK REQUIREMENTS

(Data sources - Sections of the EPP, especially 2, 3, and 4; contract documents and training program information on requirements and procedures for the following general topics. The hazards of each work activity would be specifically described during discussions on each of the topics, as appropriate.)

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4.2 PCB CONTAMINATED SOIL CLEAN UP

4.3 DEMOLITION AND MATERIAL DISPOSAL

4.4 DRUM COLLECTION AND DISPOSAL PROCEDURES

4.5 TRANSPORTATION OF DANGEROUS GOODS

4.6 TRAVEL RESTRICTIONS/REQUIREMENTS

4.7 PERMAFROST MAINTENANCE

4.8 EPP SPECIFIC MITIGATION PROCEDURES

4.9 ADMINISTRATIVE REQUIREMENT
(including shipping material, disposing of material, archaeological site preservation, etc.)

3.4 "DO AND DON'T" LISTING

The following listing of important actions that ought to be done, or not done, during the cleanup project, should be brought to the attention of the employees as part of their orientation. This list is not necessarily all inclusive and there may be additional requirement set out in the contract specifications. In addition, if there are any conflicts between the item on this list and the specifications, the terms of the specifications will apply.

Further details of these activities can be found in the Environmental Protection Plan, regulations, permits and specifications.

- **"Do" Activities**

  - Use existing roads and trails in accordance with Land Use Permit conditions. If new roads are needed, ensure they are built in accordance with all regulations.

  - Locate facilities or work areas, such as camp, sorting areas, etc. on existing gravel pads or borrow areas. If a new area must be used, it should be developed in a manner that will minimize negative impact on the environment.

  - Store fuel in self-dyking containers or otherwise protect it from spilling in accordance with regulations.

  - Obtain potable water from a suitable and safe water source. Treat it as required to protect human health.

  - Develop suitable sewage disposal options, including primary treatment of sewage with a portable septic tank or equivalent.

  - Follow all permit requirements and guidelines for opening, operating and closing quarries.

- Excavate and dispose of contaminated soils and hazardous materials in accordance with specification and design requirements.

- When doing excavation or work on undisturbed area, organic material, if present, is to be stripped and stockpiled for reuse.

- Use appropriate protective clothing and procedures when handling contaminated soil or hazardous material.

- Confirm the hazardous nature of any material if it is suspected to be hazardous. Samples are to be taken and tested to determine the type and concentration of contaminants.

- Transport hazardous material and contaminated soil in accordance with regulations.

- Carry out the work in a manner that will minimize conflict with local residents and respect the socio-economic conditions in the area.

- Develop and follow contingency plans in the case of unanticipated events occurring during the work. Be sure employees are familiar with the plans that may affect their project activities.

- Have emergency safety equipment, such as fire extinguisher, first aid kits and other specialized gear, available to all employees. They should be aware of their location and proper methods of use.

- Use proper personal protective equipment appropriate to the work including hard hats, eye protection, respiratory equipment, hearing protection, foot protection, chemical resistant gloves and special hazardous wastes protection gear.

- Use hand tools and equipment for their intended use only. They must be in good condition and of the proper size.

- Comply with all health and safety policies and follow established rules and procedures at all times.

- Follow all applicable government acts, regulations, laws and codes, including licensing of applicable markers and certification of equipment when required.

- Develop safe working habits and be aware of activities of others working in the area so that no dangerous conflicts may occur.

- **"Don't" Activities**

  - Don't disturb existing permafrost conditions, surface vegetation, drainage and other natural features unless absolutely necessary.

  - Don't disturb land areas, store fuel or refuel vehicles within 30 m of a water body or stream.

  - Don't use excessive amounts of water from local streams, ponds/lakes, etc., which would adversely effect fish habitat.

  - Don't allow wind blown litter and improper garbage disposal, which may attract wildlife.

  - Don't feed or harass wildlife. Deal with problem animals or situation in accordance with regulations.

  - Don't cause siltation or disruption of streambeds.

  - Don't disturb existing or newly discovered archaeological sites or artifacts. Cease site work in the area and report the find to the appropriate authority.

  - Don't allow spills of contaminated soils or hazardous material after it is removed from its existing location. Any such spills are to be cleaned up immediately.

  - Don't develop new landfills unless there is not sufficient capacity available within the existing landfill areas. Sizes are to be minimized.

- Don't handle contaminated soils or hazardous material without proper protective clothing and proper handling procedures being established.

- Don't disturb the terrestrial resources in the area, which includes wildlife, vegetation, and bird life, in a negative manner.

- Don't allow unsafe working conditions or practices to continue without being reported to the appropriate authority at the work site as soon as practicable.

REGULAR TENDER FORM
Defence Construction (1951) Limited

CLOSING DATE/TIME:	April 16, 2002 14:00 hours, local time	**PROJECT NO:** DLCPIN3
CLOSING LOCATION:	Defence Construction Canada Place de Ville, Tower B Ottawa, Ontario K1A 0K3	
FAX NO.:	613-998-9547	
PROJECT:	Cleanup of the PIN3, Lady Franklin Point DEW Line Site Nunavut	

1. **TENDER DOCUMENTS**
   - 1.1. Tender Form - DCL 150 (R 08-99)
   - 1.2. STANDARD CONSTRUCTION CONTRACT DOCUMENTS 1999 VERSION - Form DCL 250 (included in tender documents by reference. These documents are available from MERX on-line or at 1-800-964-6379)
     - 1.2.1. Instructions to Tenderers - Form DCL 193 (R-03-99)
     - 1.2.2. Articles of Agreement - Form DCL 24 (R-01-95)
     - 1.2.3. Terms of Payment "B" - Form DCL 25 (R-01-97)
     - 1.2.4. General Conditions "C" - Form DCL 32 (R-01-97)
     - 1.2.5. Labour Conditions 180 (Rev. 06/91) 7540-21-900-0766
     - 1.2.6. Insurance Conditions "E" - Form DCL 243 (R-01-95)
     - 1.2.7. Insurers Certificate of Insurance - DCL 232 (R-01-95)
     - 1.2.8. Contract Security Conditions "F" - Form DCL32-F (R-01-97)
     - 1.2.9. Request for Acceptance of Alternative Materials - Form DCL 242 (R-01-97)
     - 1.2.10. Supplementary Conditions - Form DCL 244 (R-01-97)
   - 1.3. Drawings, Specifications and Addenda thereto – No.
   - 1.4. Amendments, Notices, and Minutes of Meetings issued prior to Tender Closing.

2. We, (Company Name) _____

_____

having informed ourselves fully of the conditions relating to the work to be performed, having inspected the site and having carefully examined the plans and specifications and all the terms and covenants of the Tender Documents (IT BEING UNDERSTOOD AND AGREED THAT FAILURE TO HAVE DONE SO WILL NOT RELIEVE US OF OUR OBLIGATION TO ENTER INTO A CONTRACT AND CARRY OUT THE WORK FOR THE CONSIDERATION SET OUT HEREAFTER) do tender and offer to perform the said work in strict accordance with the said documents and such further details, plans and instructions as may be supplied from time to time and to furnish to Her Majesty the Queen in Right of Canada, all materials, plant, machinery, tools, labour and things necessary for the construction or carrying out and proper completion of the said work for the following sums of lawful money of Canada:

Project Name: Cleanup of PIN3
Location: Lady Franklin Point, Nunavut
Project No.: DLCPIN3

* SCHEDULE A:

Item	Description	Unit	Unit Price	Quantity	Total
A.01005-1	Community Meetings	each	$_____	4	$_____
A.01005-2	Return Air Transportation for Community Meetings	person-return trip	$_____	12	$_____
A.01591-1	Engineer's Room and Board	person-day	$_____	850	$_____
A.01591-2	Casual Meals	each	$_____	250	$_____
A.01591-3	Return Air Transportation Cambridge Bay to PIN-3	person-return trip	$_____	30	$_____
A.01591-4	Communication Links	Line-Week	$_____	90	$_____
A.02060-1	Supply of Barge Containers - PCB Amended Painted Materials	each	$_____	5	$_____
A.02060-2	Supply of Intermediate Containers - PCB Amended Painted Materials	each	$_____	10	$_____
A.02066-1	Tier I & Tier I/Type A Contaminated Soil Excavation - Site Areas	cubic metre	$_____	2,400	$_____
A.02066-2	Tier II & Tier II Type A/B Contaminated Soil Excavations - Site Areas	cubic metre	$_____	4,400	$_____
A.02066-3	Contaminated Soil Disposal - Landfill Excavations	cubic metre	$_____	3,900	$_____
A.02066-4	Containerization of Hazardous Contaminated Soil - Landfill Excavations	cubic metre	$_____	220	$_____
A.02066- 5	Hazardous Contaminated Soil Containers	cubic metre	$_____	250	$_____
A.02066- 6	Type B and Type B Tier I Contaminated Soil Excavation and Disposal - Site Areas	cubic metre	$_____	10,200	$_____
A.02066-7	Disposal of Type B - Type B Tier I Contaminated Soil - Landfill Excavations	cubic metre	$_____	100	$_____
A.02066-8	Hydrocarbon Resistant Liners	cubic metre	$_____	100	$_____
A.02067-1	Granular Nutrient - Total Nutrient Weight	kilogram	$_____	4,200	$_____

Item	Description	Unit	Unit Price	Quantity	Total
A.02067-2	Nutrient Application During Primary Construction Activities	event-hectare	$_____	10	$_____
A.02067-3	Nutrient Application During Secondary Construction Activities	event-hectare	$_____	3	$_____
A.02067-4	Tilling Events During Primary Construction Activities	event-hectare	$_____	25	$_____
A.02067-5	Tilling Events During Secondary Construction Activities	event-hectare	$_____	8	$_____
A.02209-1	Reshaping	square metre	$_____	50,000	$_____
A.02209-2	Types 2, 2 Select 3, 4 and 5 Granular Fill - Above Grade - Main Landfill	cubic metre	$_____	72,000	$_____
A.02209-3	Trench Excavation 2.5 metres Base Width, 1.5 metres Depth - Main Landfill	lineal metre	$_____	620	$_____
A.02209-4	Types 2, 4 and 5 Granular Fill - Above Grade - Tier II Disposal Facility	cubic metre	$_____	58,000	$_____
A.02209-5	Trench Excavation, Tier II Disposal Facility; 4.0 metres Base Width, 1.5 metres Depth	lineal metre	$_____	290	$_____
A.02209-6	Type 2 Granular Fill	cubic metre	$_____	66,000	$_____
A.02209-7	Type 2 Select Granular Fill	cubic metre	$_____	3,800	$_____
A.02209-8	Type 3 Granular Fill	cubic metre	$_____	9,000	$_____
A.02209-9	Type 6 Intermediate Fill	cubic metre	$_____	4,700	$_____
A.02209-10	Unclassified Excavation	cubic metre	$_____	4,200	$_____
A.02209-11	Test Pit Excavation - Equipment Usage	operating hours	$_____	30	$_____
A.02209-12	Bentonite	kg	$_____	92,000	$_____
A.02209-13	Water Bentonite Slurry Application	square metre	$_____	1,200	$_____
A.02209-14	Sand Bentonite Levelling Course	cubic metre	$_____	350	$_____

Project Name: Cleanup of PIN3
Location: Lady Franklin Point, Nunavut
Project No.: DLCPIN3

Item	Description	Unit	Unit Price	Quantity	Total
A.02219-1	Unknown Debris Removal	cubic metre	$_____	200	$_____
A.02240-1	Secondary Landfill Excavation	cubic metre	$_____	1,300	$_____
A.02240-2	Disposal of Non-Hazardous Wastes - Landfill Excavation	cubic metre	$_____	3,750	$_____
A.02498-1	Non-Woven Geotextile - Installation	square metre	$_____	58,000	$_____
A.02498-2	Woven Geotextile - Installation	square metre	$_____	750	$_____
A.02499-1	Geomembrane - Installation	square metre	$_____	30,000	$_____
A.02510-1	Drilling	metre	$_____	105	$_____
A.02510-2	Monitoring Wells - Supply and Installation	each	$_____	16	$_____
A.02510-3	Vertical Thermistors - Supply and Installation	each	$_____	8	$_____
A.02510-4	Survey Control Monuments - Supply and Installation	each	$_____	5	$_____
	TOTAL SCHEDULE A:				$_____

SCHEDULE B:

Item	Description	Amount
B.01005-1	Work Methodology Plan	$_____
B.01005-2	Worker Orientation Seminar	$_____
B.01110-1	Mobilization	$_____
B.01005-2	Primary Demobilization	$_____

Item	Description	Amount
B.01005-3	Secondary Demobilization	$_____
B.01380-1	Project Photographs	$_____
B.01545-1	Health and Safety Plans	$_____
B.01720-1	Project Record Documents	$_____
B.02060-1	Demolition: Module Train Rubble including Module Train Runoff Storage Pond and All Related Drainage Facilities	$_____
B.02060-2	Demolition: Communication Dishes (4)	$_____
B.02060-3	Demolition: (1) Station Area Fuel Storage Tanks and Associated Foundations and Pipe (65,000 US Gal Capacity each)	$_____
B.02060-4	Demolition: (2) Beach Area Fuel Storage Tanks and Associated Foundations and Pipe (65,000 US Gal Capacity each)	$_____
B.02060-5	Demolition: (2) Underground Fuel Storage Tanks - Airstrip Apron Area	$_____
B.02060-6	Demolition: Utility Poles including HF Air Ground Antenna	$_____
B.02060-7	Demolition: TVRO Antenna	$_____
B.02060-8	Demolition: Sewage Outfall Line	$_____
B.02060-9	Demolition: Abandoned POL Line - Station, Hangar, South and Main Landfill Areas	$_____
B.02060-10	Demolition: Hazmat POL Storage Shed	$_____
B.02067-1	Landfarm Operation	$_____
B.02067-2	Landfarm Closure	$_____
B.02219-1	Known Debris Removal - Site Area	$_____

Item	Description	Amount
B.02240-1	Primary Landfill Excavation - South Beach Landfill	$
B.02240-2	Primary Landfill Excavation - Main Landfill	$
B.02498-1	Non-Woven Geotextile - Supply	$
B.02498-2	Woven Geotextile - Supply	$
B.02499-1	Geomembrane - Supply	$
	TOTAL SCHEDULE B:	**$**

** SCHEDULE C:

Item	Description	Amount
C.01591-1	Engineer's Office Supplies	$ 75,000
C.02090-1	Unknown Hazardous Material Collection	$ 100,000
	TOTAL SCHEDULE C:	**$ 175,000**

SCHEDULE D:

Balance of Project Complete - (Firm Price) **$**

TOTAL TENDER:

Item	Description	Amount
A.	**Unit Prices: Total Schedule A**	$_____
B.	**Lump Sum Items: Total Schedule B**	$_____
C.	**Prime Cost Allowances: Total Schedule C**	$ 175,000
D.	**Balance of Project Complete: Schedule D**	$_____
	TOTAL TENDER: (Item A + Item B + Item C + Item D above)	**$**_____

* The quantities mentioned in Schedule A above are estimated quantities only and may be increased or decreased in accordance with the requirements of the work. All payments shall be based upon the actual quantity of materials supplied and work performed as approved by the engineer.

We hereby certify that no imbalance exists neither between our unit and lump sum prices, nor between our individual unit prices, and further, we understand that any such imbalance(s) would be considered cause to render our Tender invalid.

Bidders should note that where unit prices are required by the Tender Form (DCL 150), the "Unit Price" entered by the contractor shall take precedence over the extension price should an error in the extension be discovered.

**Bidders are to allow the Prime Cost Allowances in Schedule C above. These allowances will be adjusted to actual costs as certified by the Engineer. Any provision for profit, overhead, administration, etc., will be deemed to be included in the Firm Price portion of the Tender - Schedule D. Should the Prime Cost Allowance be exceeded, no further payment on account of profit, overhead, administration, etc., shall be made by the Crown.

3. We understand and agree that all applicable taxes, duties, permits and fees are our responsibility and are included in our Tendered Price. The exception to the foregoing is the Goods and Services Tax (GST). GST will be paid to the contractor by Defence Construction Canada in addition to any amounts due under the contract. Our Goods and Services Tax Registration number is :_____.
4. It is understood and agreed that, with respect to Building Permits only, General Conditions paragraphs GC14.1 to GC14.4 inclusive - Form DCL 32, shall not apply.
5. We certify that Bid Security, if required, in one of the forms outlined in paragraph 5 of the "Instruction to Tenderers", Form DCL 193 accompanies this Tender.

6. It is understood and agreed that in the event of this Tender being accepted within 30 (thirty) calendar days of the time stated for closing of tenders and our failing or refusing to carry out the contract in accordance with the terms of our Tender, our bid security, if required by the tender, (i) if in the form of a certified cheque, bank draft, or bonds of, or bonds unconditionally guaranteed as to principal and interest by the Government of Canada, or (ii) if in the form of a Bid Bond, shall be forfeited to Her Majesty the Queen in Right of Canada and the Bonding Company shall be liable in accordance with the terms of the Bond.

7. It is further understood and agreed that notwithstanding (i) the forfeiture of the certified cheque or bonds of (ii) the liability of the Bonding Company, Her Majesty shall be entitled to the payment of any additional amounts that may be required to meet the cost of all loss and damage suffered by Her Majesty by reason of our default in carrying out the contract.

8. We understand that all site work on this project must be fully complete by no later than November 30, 2003 with the exception of the final operation and closure of the Landfarm area which is required to be completed by no later than September 30, 2004. If our Tender is accepted, we agree to start work within _____ calendar days of notification of contract award and to work vigorously and continuously to complete the project within this prescribed time.

9. Modifications set forth in the following Amendment Nos. (please list all amendments) _____ _____ to the tender documents are reflected in the Firm Price/Total Tender.

N.B. There is no need to return the Amendment(s) with the tender.

10. We certify that we are in possession of all the tender documents listed in this tender form.

Tenderer's Company: _____

Witness Name: _____ **Tenderer's Full Name:** _____

Witness Signature: _____ **Tenderer's Signature:** _____

CORPORATE SEAL (if applicable)

Date: _____ **Title:** _____

Address: _____

_____

_____

_____

Phone No.: _____ **Fax No.:** _____