

Diavik Diamond Mine

2009 northern opportunities profile

February 2009



Background	4
Mine operations	4
Underground mine development approved	5
Diavik at a glance	5
Mine investors	5
Mine plan	5
Business participation	6
Diavik Diamond Mines Inc. agreements	6
Business opportunities and northern participation	7
Business registration and pre-qualification	7
Procurement procedures	7
Northern Businesses and Continuous Business Improvement	7
Northern businesses supporting mining contracts	8
Operations	8
Tire management	8
Air transport	8
Mine manpower labour	9
Maintenance light equipment (35t and less)	9
Medical services	10
Land survey	10
Camp and catering services	10
Site services manpower	10
Equipment parts procurement	11
Miscellaneous goods and services	11
Construction	12
Raise bore ventilation	12
Provision of engineering services	12
Off site engineering support services for power distribution	12
Engineering and QC/QA services for batch plant	12
Engineering services	13
Underground engineering services	13
Engineering services	13
Supply agreement	13

Supply of gensets and ancillary equipment	14
Power house erection	14
Site services	14
Tank erection	14
Surface blasting	15
Underground mining	15
Camp renovations	15
Crusher and paste plant building installation	15
Site earthworks	16
Power plant mechanical and electrical installations	16
Thermosyphon installation	16
Fire protection power plant	17
Crusher mechanical installation	17
Crusher electrical installation	17
North inlet water treatment plant	17
Supply of mine dry and accommodation units	18
Paste plant mechanical	18
Fire protection north inlet water treatment plant	18
Appendix A: Mobile equipment parts	19
Appendix B: General stationary equipment parts	20

Part 1: Introduction

Diavik Diamond Mines Inc. is pleased to present the 2009 northern opportunities profile publication. This publication provides information for businesses and individuals interested in possible business opportunities associated with the Diavik Diamond Mine at Lac de Gras, Northwest Territories. The 2009 northern opportunities profile includes an overview of the Diavik Diamond Mine and information describing the degree of northern participation in supporting mine operations as well as details on those items that may represent business/supply opportunities for the northern business community.

Background

The Diavik Diamond Mine is located on a 20 square kilometre island informally called East Island in Lac de Gras, 300 kilometres by air northeast of Yellowknife, Northwest Territories. In 2008, the Diavik mine plan included three diamond bearing ore bodies, or kimberlite pipes, named A154 North, A154 South, and A418. All three pipes are located beneath the waters of Lac de Gras, just offshore of East Island. For open pit mining, rockfill structures known as dikes were engineered and constructed to allow the overlying waters to be removed temporarily. In 2002, DDMI completed the first dike around the A154 North and A154 South pipes to allow diamond mining to begin in 2003.

In 2007, Diavik completed construction of the second dike, called A418 after the name of the pipe that it encircles. In early 2008, work crews continued their work to prepare the A418 pit and during the second quarter, as part of ongoing pre-stripping of waste overburden, Diavik mined some small quantities of A418 ore. The initial ore was low grade weathered kimberlite capping the pipe and diluted with overlying glacial till. Full scale A418 open pit production began later in 2008.

Mine operations

All of the mine's physical plant is confined to East Island and includes an ore processing plant, operations and construction workforce accommodations and recreational facilities, maintenance shop, fuel storage tanks, boiler plant, sewage treatment plant, and powerhouse. Elevated 'arctic corridors' carry services and provide enclosed walkways connecting buildings. In addition, there are potable and wastewater treatment plants, and explosives manufacturing facilities.

Diamonds are separated from the bulk of the kimberlite ore using non-chemical, gravity-based methods to create a diamond-bearing heavy mineral concentrate. Separation of the diamonds from this concentrate is made possible as diamond fluoresce under X-ray, allowing the glowing diamond grains to be separated from the non-diamond minerals. The waste minerals in the remaining processed kimberlite are placed in the Processed Kimberlite Containment area, a permanent, engineered containment constructed in the centre of the island. Diesel fuel provides the mine's energy needs, and is used for power generation, mobile equipment, and heating. Due to short, seasonal access to the site over a winter ice road, Diavik must store an entire year's worth of fuel, prill for explosives, and other bulk supplies. Also because of the remote location, Diavik has a 1,600 metre airstrip for passenger and transport aircraft up to and including C130 Hercules and Boeing 737 jets.

Underground mine development approved

In November 2007, Diavik's joint venture partners, Rio Tinto and Harry Winston, approved the investment of US\$563 million bringing underground mine investment to US\$787 million. Diavik's future is underground mining. Under the current life of mine plan, diamond production from underground would begin in third quarter 2009 and continue beyond 2020. Open pit mining is expected to cease in 2012, when Diavik would become an all-underground mine. Diavik's total mine life remains within the 16 to 22 years projected in the original 1999 feasibility study.

During 2008, construction advanced on new surface works required to support underground mining, including new crushing and paste backfill plants, expansions to the water treatment and power generating plants, and construction of ancillary facilities including fuel storage, and additional accommodation facilities. Several kilometres of the estimated 20 kilometres of underground mine works, needed to support underground mining, were established.

Diavik at a glance

- Initial construction completed – January 2003
- Initial capital cost – C\$1.3 billion
- Reserves (31 Dec 2007) – 21.9 million tonnes at 3.5 carats per tonne (Rio Tinto 2007 annual report)
- Three ore bodies called A154 South, A154 North, and A418
- Annual ore production – approximately two million tonnes
- 2008 diamond production – approximately 9 million carats
- Total mine life – 16 to 22 years (currently in year 7)
- Operations workforce – approximately 800
- Total operations and construction spending – C\$3.7 billion (73% northern) (2003-mid 2008)

Mine investors

The Diavik Diamond Mine, located 300 kilometres northeast of Yellowknife, Northwest Territories, Canada, is an unincorporated joint venture between Diavik Diamond Mines Inc. (60%) and Harry Winston Diamond Mines Ltd. (40%). Both companies are headquartered in Yellowknife, Canada. Diavik Diamond Mines Inc. (DDMI) is a wholly owned subsidiary of Rio Tinto plc of London, England, and Harry Winston Diamond Mines Ltd. is wholly owned by Harry Winston Diamond Corporation of Toronto, Canada. In 2007, Aber Diamond Corporation changed its name to Harry Winston Diamond Corporation. Diavik Diamond Mines Inc. is the operator of the mine. Each joint venture participant markets independently its respective share of diamonds mined.

Mine plan

Various loading tools are used to excavate the open pit. Komatsu 830E haul trucks and Komatsu HD785 haul trucks transport waste rock to the waste rock pile and ore to the processing plant. The initial fleet of eight 830s was augmented with three new trucks in mid-2004. Additional smaller equipment supports the mining operation. Diesel fuel provides the mine's energy needs and is used to generate electricity, power mobile equipment and provide heating. Because of limited access to the site over the seasonal winter road from Yellowknife, fuel storage must be of sufficient capacity to supply one year's operations. Tanks have secondary containment systems, including berms, release prevention barriers, synthetic liners, and fire suppression. Waste rock from the open pits is placed in engineered rock piles on the island and processed kimberlite is placed in an engineered containment structure on the island.

Business participation

Diavik recognizes that mining can play a significant role in creating new and long-term business opportunities that can lead to increased capacity for small, medium and larger enterprises located in the North. During operations, Diavik has committed to 70 per cent northern spending. As of mid 2008, spending on initial construction, operations, and new construction projects totalled \$3.7 billion. Of this, 73 per cent, or \$2.7 billion was with northern businesses. Of the \$2.7 billion, \$1.6 billion is with northern Aboriginal businesses.

As a result of increased annual operations spending, and major capital investment throughout the project life, Diavik has significantly exceeded its northern purchasing target and expenditures. For operations, Diavik set a target of 70 per cent northern business spending, based on expected spending of \$100 million annually.

Diavik is one of three Canadian companies to have spend over \$1 billion with Aboriginal businesses, the other two being Cameco and Syncrude.

Diavik Diamond Mines Inc. agreements

Diavik's commitments to northern participation are embodied in a number of agreements. The agreements are in effect throughout all phases of the mine and include:

- A Socio-Economic Monitoring Agreement (SEMA) signed with the Government of the Northwest Territories (GNWT) and endorsed by the project's five neighbouring Aboriginal groups:

The North Slave Metis Alliance

The Tli Cho Government

The Yellowknives Dene First Nation

The Lutsel K'e Dene First Nation

The Kitikmeot Inuit Association

- An Environmental Monitoring Agreement (EMA) signed with the Government of Canada, the GNWT and the five neighbouring Aboriginal groups

- Participation Agreements (PAs) with each of the five neighbouring Aboriginal groups

Through the SEMA, Diavik affirms its commitments to provide opportunities in the areas of training, employment and business. The SEMA creates a Communities Advisory Board with community representation from each of the five neighbouring Aboriginal groups, the GNWT and Diavik.

The first of its kind in Canada, the EMA provides a formal mechanism to ensure that environmental protection measures committed to by Diavik, and arising from the environmental assessment, are implemented and monitored. The EMA also sets out Diavik Diamond Mine reclamation security deposit conditions.

The five PAs are private agreements between Diavik and each neighbouring Aboriginal group. They are cooperative agreements requiring both parties to work together to address training, employment and business opportunities for that Aboriginal group. The cooperative relationships are enhanced through the creation of joint implementation committees, with representatives from Diavik and the Aboriginal groups.

Part 2 – Opportunities with Diavik Diamond Mines Inc.

During 2008, Diavik concentrated on diamond production from its A154 and A418 open pits and on the underground mine construction with its associated surface works. The following pages identify expected business opportunities for northerners with Diavik Diamond Mines Inc. They also highlight those mining-related opportunities and services that are being provided by northern businesses on or off the mine site.

Business opportunities and northern participation

To support mining operations Diavik has implemented a comprehensive business participation program involving many aspects of our business – from heavy mining equipment operation, explosives supply and emulsion preparation, site services and logistics, camp support and catering, and geochemical analysis and support, etc. Through our business participation efforts, we expect northern companies will supply the majority of goods and services over the life of the Diavik Diamond Mine and we will meet our socio-economic agreement northern business objectives.

Business registration and pre-qualification

Diavik maintains a registry of potential contractors/suppliers and will co-ordinate the pre-qualification of all businesses interested in providing goods or services during operations.

Only pre-qualified suppliers or contractors will be invited to participate in the tendering process.

Pre-qualification/registration documents are available from Diavik's Yellowknife offices. It is important that interested northern suppliers register in this database and be pre-qualified to ensure that they are included in the bidders' lists.

Contractors or suppliers who wish to become pre-qualified to provide goods and services should contact the Diavik procurement office at (867) 669-6547.

Procurement procedures

Contracts, equipment and materials required by the company will be procured in the following manner:

- Bidders' lists (lists of businesses that will be invited to submit proposals for the supply of goods and services) are prepared by Diavik. Diavik will be maintaining a database of northern suppliers to help create these lists for each contract or material purchase.
- A Request for Quotation (RFQ) or Tender is sent out to all pre-qualified suppliers that are on the bidder's list.
- Quotations are received by Diavik, which will prepare technical and commercial analyses of all proposals.
- Upon approval by Diavik, a contract for services or a purchase order to buy materials is placed with the chosen supplier and all unsuccessful suppliers are notified of the award to others. It is Diavik policy and practice not to reveal the details of any bid to a competitor of a bidder prior to, during, or after the competitive process.

Northern Businesses and Continuous Business Improvement

With Diavik's transition into full mining operations, our on-going challenge will be to sustain our operations, and those of our supporting contractors and services providers, so that mutual benefits continue to flow from our mining activities.

To meet this challenge, for 2004 and beyond, Diavik has developed and implemented a continuous business improvement process aimed at continually measuring (on a monthly basis) our contractor performance against specific key performance indicators and business plans.

Key elements of Diavik's continuous improvement process include:

- Agreed upon key performance indicators for core services and Diavik northern commitments

- Creation of a monthly reporting and performance tracking system to establish baseline measures for performance improvements
- Quarterly contractor reviews for issues/business improvement gains

Northern businesses supporting mining contracts

The following is an outline of contracts that are either being performed by northern businesses or represent future opportunities for businesses to support mining operations at the Diavik site. This section is separated into two parts, including operations and construction.

It should be noted that other factors have shaped our approach to procurement and contracting practices. They include, but are not limited to, the following:

- Contracts may vary as the mine evolves
- Under the terms of the PAs, Diavik has informed the five neighbouring Aboriginal groups of these opportunities
- Supply decisions must take into consideration the winter road schedule

As a result, some contracts may have commenced or agreements entered into prior to production of this document.

For more information, contact:

Diavik Diamond Mines Inc./Rio Tinto Procurement

Box 2498

5007-50th Avenue

Yellowknife, NT X1A 2P8

Tel: (867) 669-6500

Fax: (867) 669-6575

E-mail: purchasing@diavik.com

Operations

Tire management

Contract scope

On-site labour services to provide, but not be limited to, the following:

- Analytical and consulting services for the management of on-site tire inventory (Diavik supplied) including tire histories
- Field and shop repairs of tires for light vehicles and heavy mobile equipment
- Field repairs for large mining equipment
- Daily checks for temperature and air pressure
- Specialized tooling and consumables for tire shop
- Specialist opinion in terms of road maintenance for prolonged tire life

Current Status: Commenced

Contractor: Fountain Tire Ltd.

Contractor Contact Information: Ken Huntingford

Kamloops, BC

Diavik Manager Responsible for Contract Services: Manager, Mining

Air transport

Contract scope

Off-site facility to provide, but not to be limited to, the following services:

- Personnel transport between Yellowknife and site
- Personnel transport between various impact communities and site
- Cargo between Yellowknife and site

- Ad hoc charter flights

These services may be split between different vendors.

Current Status: Commenced

Contractor/Service Provider(s) Contact Information: Multiple

A variety of local licensed commercial carriers that have participated in the tender process. This list includes, but is not limited to, the following companies:

- First Air
- Air Tindi
- Canadian North
- Arctic Sunwest Charters
- Northwestern Air Lease

Diavik Manager Responsible for Contract Services: Service Delivery Manager

Mine manpower labour

Contract scope

On-site manpower services to provide, but not be limited to, the following:

Trained equipment operators for:

- Large mining hydraulic excavators
- Large mining front-end loader
- Large mining haul trucks
- Auxiliary haul and water trucks
- Blast hole drilling machines
- Support equipment such as dozers, graders, backhoes, trucks, tractors with trailers
- Blasters and helpers (optional at discretion of Diavik)
- Equipment fuel management
- Emergency Response Team participation
- Continuous training and apprenticeships

Current Status: Commenced

Contractor: I & D Management Services Ltd.

Contractor Contact Information:

I & D Management Services Ltd.

P.O. Box 1895

Yellowknife, NT X1A 2P4

Diavik Manager Responsible for Contract Services: Manager, Mining

Maintenance light equipment (35t and less)

Contract scope

Under a Full Maintenance Contract (FMC), the agent of the equipment supplier would perform all the work associated with light vehicle maintenance. This will include, but not be limited to, the following:

- On-site skilled trades people for maintenance and repair of all light vehicles, service vehicles and other ancillary or stationary equipment, and
- Lubricants management and consumable parts.

Current Status: Commenced

Contractor: Kingland Ford Sales Ltd.

Contractor Contact Information: Arlene Mills

Kingland Ford Sales Ltd.

922 Mackenzie Highway Hay River, NT X0E 0R8

Diavik Manager Responsible for Contract Services: Manager, Mining

Medical services

Contract scope

On-site labour services to provide, but not be limited to, the following:

- Provide around-the-clock on-site medical services, and
- Annual medical requirements, pre-employment medical recommendations and medical file record keeping.

Current Status: Commenced

Contractor: Exploration Medical Services

Contractor Contact Information:

Exploration Medical Services 304 -4504 49th Avenue Yellowknife

Diavik Manager Responsible for Contract Services: Manager, Health and Safety

Land survey

Contract scope

On-site labour services to include, but not be limited to, the following:

- Survey services for drilling patterns, face advances, stability and ground movements, control points and survey stations, volume calculations and map development, and
- Other survey projects as required.

Current Status: Commenced

Contractor: Ollerhead & Associates

Contractor Contact Information: Varick Ollerhead

Ollerhead & Associates

2nd Floor, 5023-49th Street Yellowknife, NT X1A 2N8

Diavik Manager Responsible for Contract Services: Manager, Mine Engineering

Camp and catering services

Contract scope

Entire management of the permanent accommodation complex. This includes, but is not limited to, the following:

- Catering
- Room allocation
- Housekeeping including laundry services
- Recreation organization
- Janitorial services – maintenance complex and process plant
- Supply of environmentally acceptable cleaning products
- Operation of complex incinerator
- Maintenance of the facility internally

Current Status: Commenced

Contractor: Ek'ati Services

Contractor Contact Information: Bob Davies

Ek'ati Services

P.O. Box 16164910-50th Street, Yellowknife, NT X1A 2P2

Diavik Manager Responsible for Contract: Manager, Site Services

Site services manpower

Contract scope

On-site labour services on a predetermined or as required basis. This includes, but is not limited to, the following:

- Service road maintenance, except those roads used for heavy mining equipment traffic
- Airport operation and maintenance
- Baggage and cargo handling to/from air strip
- Busing, including airport traffic and at shift changes
- Maintenance of site drainage structures such as ponds, ditches and culverts
- Construction and maintenance of pipelines
- Crusher operation to provide graded crushed rock
- Snow clearance
- Light construction, external maintenance and repairs such as painting, carpentry, plumbing and electrical up to 600V
- Operation of concrete mixer truck for on-going small construction works
- Operation of potable water and sewage treatment plants, boiler house and power plants, including minor maintenance
- Operation of Processed Kimberlite Containment (PKC), including pipeline and spigot placements in conjunction with process plant personnel
- Operation and minor maintenance of North Inlet Water Treatment and PKC metal salts treatment plants,
- Upkeep and assistance in the general maintenance shop
- Operation of mobile cranes on site
- Operation of landfill site and general refuse handling, including the management of hazardous waste materials
- Operation of portable water trucks
- Bulk fuel management
- Sample collection and delivery for acid rock management
- Materials management, including on-site warehousing and winter road receiving
- Emergency Response Team participation
- Continuous training/apprenticeships

Current Status: Contract Commenced

Contractor: Tli Cho Logistics Ltd.

Contractor Contact Information: Pat Moore

Tli Cho Logistics Ltd.

P.O. Box 2451 Yellowknife, NT X1A 2R3

Equipment parts procurement

During operations there will be requirements to service existing Diavik Diamond Mine equipment. In general, this will mean the Diavik Diamond Mine will require a supply of goods, termed 'spares', for mobile and stationary equipment already purchased and required for the life of the mine. For a listing of various mobile equipment parts and various stationary equipment parts see Appendix A and B respectively.

Miscellaneous goods and services

During operations Diavik will require various operations services, including:

- Off-site services, such as air charters, trucking, logistics, and lab services
- Bulk purchases and commodities, such as fuel, lubricants, tires, flocculants, ferrosilicon, coagulants, acids, reagents, agents, calcium, wire rope, bottled oxygen, and acetylene
- Sundry office supplies and services

Construction

Raise bore ventilation

Contract scope

Excavate a vertical raise bored ventilation raise

Term of Contract: 1 year

Current Status: Commenced

Contractor: Cementation Canada

Contractor Contact Information:

Cementation Canada

590 Graham Drive

North Bay

Ontario P1B 7S1

Diavik Manager Responsible for Contract Services: Vice President Operations

Provision of engineering services

Contract scope

Term of Contract: Ongoing

Current Status: Commenced

Contractor: Golder Associates

Contractor Contact Information:

Golder Associates

#9 4905 – 48 Street

Yellowknife NT X1A 3S3

Diavik Manager Responsible for Contract Services: Vice President Operations

Off site engineering support services for power distribution

Contract scope

Term of Contract: 10 months

Current Status: Complete

Contractor: Orbis Engineering Field Services

Contractor Contact Information:

Orbis Engineering Field Services

300 9404 – 41 Avenue

Edmonton AB T6E 6G8

Diavik Manager Responsible for Contract Services: Vice President Operations

Engineering and QC/QA services for batch plant

Contract scope

Term of Contract: 2 years

Current Status: Commenced

Contractor: EBA Engineering Consultants

Contractor Contact Information:

EBA Engineering Consultants

201 – 4916 49th Street

Yellowknife

Diavik Manager Responsible for Contract Services: Vice President Operations

Engineering services

Contract scope

Design of Power Plant including 6 generator units, buildings and ancillaries

Term of Contract: 2 years

Current Status: Commenced

Contractor: Finning Power Services

Contractor Contact Information:

Finning Power Systems

120 – 15100 River Road

Richmond BC V6V 1L5

Diavik Manager Responsible for Contract Services: Vice President Operations

Underground engineering services

Contract scope

Basic and detailed mine design, engineering support.

Term of Contract: 2 years

Current Status: Commenced

Contractor: McIntosh Engineering

Contractor Contact Information:

McIntosh Engineering

#200 – 349 Old Airport Road

Yellowknife NT

X1A 3X6

Diavik Manager Responsible for Contract Services: Vice President Operations

Engineering services

Contract scope

Engineering support services

Term of Contract: 2 years

Current Status: Commenced

Contractor: Nishi Khon SNC Lavalin Inc

Contractor Contact Information:

Nishi Khon SNC Lavalin Inc

1921 Dona Tili

P O Box 412

Behchoko NT X0E 0Y0

Diavik Manager Responsible for Contract Services: Vice President Operations

Supply agreement

Contract scope

Supply of equipment and spare parts.

Term of Contract: Umbrella

Current Status: Commenced

Contractor: Atlas Copco

Contractor Contact Information:

Atlas Copco Construction & Mining Canada

5007 – 50th Avenue

Yellowknife

Supply of gensets and ancillary equipment

Contract scope

Supply of Gensets and Ancillary Equipment

Term of Contract: 2 years

Current Status: Commenced

Contractor: Finning Power Systems

Contractor Contact Information:

Finning Power Systems

120 – 15100 River Road

Richmond BC V6V 1L5

Diavik Manager Responsible for Contract Services: Vice President Operations

Power house erection

Contract scope

Installation of the main power house building structures and all internal and external related structures.

Term of Contract: 22 weeks

Current Status: Near Completion

Contractor: Percon Projects Inc

Contractor Contact Information:

Percon Projects Inc

106 – 7088 Venture Street

Delta BC

V4G 1H5

Diavik Manager Responsible for Contract Services: Vice President Operations

Site services

Contract scope

Provision of on site services and surge labour.

Term of Contract: 1 year

Current Status: Commenced

Contractor: Tli Cho

Contractor Contact Information:

Tli Cho

P O Box 758

Yellowknife NT

X1A 2R5

Diavik Manager Responsible for Contract Services: Vice President Operations

Tank erection

Contract scope

On site fabrication and erection of 18 ml diesel fuel storage tank

Term of Contract: 11 months

Current Status: Commenced

Contractor: GemSteel Edmonton Ltd

Contractor Contact Information:

GemSteel Edmonton Ltd
9060 – 24th Street
Edmonton AB
T6P 1X8
Diavik Manager Responsible for Contract Services: Vice President Operations

Surface blasting

Contract scope

Provision of labour, equipment and materials to carry out the surface blasting.

Term of Contract: 1 year

Current Status: Commenced

Contractor: NWT Rock Services

Contractor Contact Information:

NWT Rock Services

P O Box 1865

Yellowknife NT X1A 2P4

Diavik Manager Responsible for Contract Services: Vice President Operations

Underground mining

Contract scope

Development of declines to the bulk samples in the A154N and A418.

Term of Contract: 2 years

Current Status: Renewal Process currently being undertaken

Contractor: Cementation Canada

Contractor Contact Information:

Cementation Canada

590 Graham Drive

North Bay

Ontario P1B 7S1

Diavik Manager Responsible for Contract Services: Vice President Operations

Camp renovations

Contract scope

Upgrade of roof, replacement of exterior wall insulation, siding, windows and skirting.

Term of Contract: 11 months

Current Status: Commenced

Contractor: Arcan Construction Ltd

Contractor Contact Information:

Arcan Construction Ltd

#13 Industrial Drive

Hay River NT

X0E 0RG

Diavik Manager Responsible for Contract Services: Vice President Operations

Crusher and paste plant building installation

Contract scope

Supply and erection of crusher and paste plant building

Term of Contract: 1 year

Current Status: Commenced
Contractor: Colony Management
Contractor Contact Information:
Colony Management
188 Smithe Street
Vancouver BC V6B 6A9
Diavik Manager Responsible for Contract Services: Vice President Operations

Site earthworks

Contract scope

The complete supply, fabrication, transport, assembly, installation and/or construction of certain infrastructure facilities at site. The provision of labour to complete works.

Term of Contract: 11 months

Current Status: Commenced

Contractor: Lac de Gras Constructors

Contractor Contact Information:

Lac de Gras Constructors

202, 5109 – 48th Street

Yellowknife NT

X1A 1N5

Diavik Manager Responsible for Contract Services: Vice President Operations

Power plant mechanical and electrical installations

Contract scope

All mechanical and electrical installations in power plant to provide a complete and operable power station. This work includes installation of two (2) gensets.

Term of Contract: 5 months

Current Status: Commenced

Contractor: Wabi Development Corporation

Contractor Contact Information:

Wabi Development Corporation

P O Box 2522

Hwy 11N

New Liskeard Ontario

P0J 1P0

Diavik Manager Responsible for Contract Services: Vice President Operations

Thermosyphon installation

Contract scope

Provision of expert technical service and labour for Thermosyphon installation includes pressure testing and commissioning.

Term of Contract: 3 weeks

Current Status: Near Completion

Contractor: Artic Foundations of Canada Inc

Contractor Contact Information:

Artic Foundations of Canada Inc

Elie Street East

Elie MB R0H 0H0

Diavik Manager Responsible for Contract Services: Vice President Operations

Fire protection power plant

Contract scope

Fire protection for diesel generators

Term of Contract: 4 months

Current Status: Awarded

Contractor: Slade Mechanical (Yellowknife) / Slade Fire Protection

Contractor Contact Information:

Slade Mechanical (Yellowknife) / Slade Fire Protection

68 Curry Drive

Yellowknife

1XA 2N1

Diavik Manager Responsible for Contract Services: Vice President Operations

Crusher mechanical installation

Contract scope

Installation of four (4) crushers, conveyors, and associated equipment.

Term of Contract: 4 months

Current Status: Commenced

Contractor: ADCO/Tli Cho

Contractor Contact Information:

Tli Cho

P O Box 758

Yellowknife NT

X1A 2R5

Diavik Manager Responsible for Contract Services: Vice President Operations

Crusher electrical installation

Contract scope

Installation of cable trays, pulling cables, lighting systems, fire alarm systems and associated electrical items in the Crusher Plant

Term of Contract: 3 months

Current Status: Commenced

Contractor: Ryfan

Contractor Contact Information:

Ryfan

Box 4204

485 South Avenue

Spruce Grove AB

T7X 3B4

Diavik Manager Responsible for Contract Services: Vice President Operations

North inlet water treatment plant

Contract scope

Contract is for the supply, installation, testing and pre-commissioning of the civil, structural, mechanical, piping, electrical, instrumentation, architectural and building services work for an expansion to the water treatment capacity of the existing North Inlet Water Treatment Plant (NIWTP) at the Diavik Diamond Mine.

Term of Contract: 8 months

Current Status: Awarded
Contractor: Lockerbie & Hole Eastern Inc
Contractor Contact Information:
Lockerbie & Hole Eastern Inc
451 Elgin Street
P O Box 875
Brantford
Ontario
N3T 5R7
Diavik Manager Responsible for Contract Services: Vice President Operations

Supply of mine dry and accommodation units

Contract scope

Fabrication and supply of accommodation and mine dry units.

Term of Contract: 3 months

Current Status: Awarded

Contractor: Quality Engineered Homes Ltd

Contractor Contact Information:

Quality Engineered Homes Ltd

RR #2

Kenilworth

Ontario N0G 2E0

Diavik Manager Responsible for Contract Services: Vice President Operations

Paste plant mechanical

Contract scope

Provide all supervision, labour, equipment and materials required to install the mechanical systems and components for the Paste Plant.

Term of Contract: 8 months

Current Status: Currently in the Bid Process

Contractor: To be awarded in March

Diavik Manager Responsible for Contract Services: Vice President Strategic Development Project

Paste Plant Electrical & Instrumentation

Contract scope

Provide all supervision, labour, equipment and materials required to completely install the electrical systems and components for the Paste Plant.

Term of Contract: 8 months

Current Status: Currently in Bid Process

Contractor: To be awarded in March

Diavik Manager Responsible for Contract Services: Vice President Operations

Fire protection north inlet water treatment plant

Contract scope

Procurement, installation, testing, and commissioning of the fire protection system for the NIWTP Expansion building, Alum/Polymer Building, and Acid Storage Building.

Term of Contract: 3 months

Current Status: Final design being completed in preparation for Bid Process in March

Contractor: To be Awarded in April

Diavik Manager Responsible for Contract Services: Vice President Operations

Appendix A: Mobile equipment parts

Listed below are various mobile equipment items already purchased/leased by Diavik for the Diavik Diamond Mine operations. These items will require servicing throughout the life of the mine.

Open-pit mining equipment

3 – Drilltech D75EXs	1 – Hitachi 1200
1 – Drilltech D90Ks	1 – Caterpillar 5130
1 – Atlas Copco ROC L8	11 – Komatsu 830E (218 tonnes)
1 – LeTourneau L1400 (20m3 bucket)	8 – Komatsu HD785 (90 tonnes)
1 – Caterpillar 988	8 – dozers
5 – Komatsu WAs	4 – graders
2 – Komatsu PC600s	4 – cranes
1 – Terex RH200 (21m3 bucket)	1 – packer
1 – Hitachi EX 3600 (20m3 bucket)	1 – float truck
1 – Hitachi EX 1900 (12m3 bucket)	

Various other pieces of service equipment, including bobcats and forklifts

Underground mining equipment

1 – Sandvik AHM105 roadheader (continuous miner with a rotating cutter head)	7 – Atlas Copco scoop trams
1 – Sandvik ABM25 bolter miner (continuous miner with a rotating drum, also bolts sidewalls)	9 – Atlas Copco mine trucks (36 to 60 tons)
3 – Phillips shuttle cars	8 – Marcotte cassettes (portable units for explosives, grout, lubes, etc.)
5 – Atlas Copco boom drills	3 – Marcotte cassette carriers
5 – Atlas Copco bolters	1 – Atlas Copco fuel cassette
1 – Cubex orion drill	26 – Toyota trucks (personnel carriers, service vehicles)
1 – Atlas Copco simba drill	2 – boom trucks

Various other equipment, including a bobcat, concrete pump, welder/generator, and excavator.

Miscellaneous other equipment

•Pickup Trucks	F-750 Dust Control Truck
24 – F-250	Sterling Roll Off Truck
27 – F-350	FL 80
3 – F-450	Sterling Riemer
•Buses	LT9513 Gravel Truck
6 – Freightliners	F-750 Fuel Truck
•Heavy Trucks	F-750 Bucket Truck
Sterling 9500	LT 9513 Gravel Truck
2 – F-750 Service Truck	LT9513 Boom Truck
F-750 Deck Truck	Sterling Fire Truck
L8000 Welding Truck	•Lifting Vehicles
Sterling Fuel Truck	Hyster H300-360
Sterling Winch Truck	Hyster 60
F-750 Steamer Truck	Hyster H100XM
F-750 Sewage Truck	Bobcat
F-750 Water Truck	

Appendix B: General stationary equipment parts

Listed below are various stationary equipment items already purchased by Diavik for Diavik Diamond Mine operations. These items will require servicing throughout the life of the mine.

- Rotary Scrubber Mills
- High Pressure Roller Crusher
- Engineering Only, Clean/Size/Weigh/Pack System
- Roller Gap Sizer
- Vibrating Banana Screens
- X-Ray Sorters
- Perm Roll Magnetic Separators
- 575 Volt Motors
- Jaw Crusher
- Secondary Cone Crusher
- Cut-Off Wall Equipment
- Water Chiller
- Spillage Handling
- Dryer/Coolers
- Hot Water Boilers
- Overhead Cranes
- 125V DC Battery and Charger
- Standby Generator and Switch Gear
- Slimes Thickeners
- Horizontal Vibrating Screens(Recovery Plant)
- Horizontal Vibrating Screens (Maintenance Plant)
- Vibrating Grizzly
- Apron Feeder
- Main Power Plant Gen Set
- Main 13.8kV Switchgear
- Blackstart Generator
- Glycol Expansion Tanks
- Vibrating Feeders
- Wet Magnetic Separators
- Degrit Cyclones
- Rock Breaker
- Diesel Fuel Pumping Module
- 600 V Variable Frequency Drives
- Variable Frequency Drives for High Pressure Rolls Crusher
- Heat Exchangers
- Air Compressors (Power Plant NIWT)
- Pole Mount Transformers
- Dry Type Transformers
- Low Voltage Motor Control Centres
- DMS Cyclones
- Densifying Cyclones
- Jet Grouting Equipment
- Glycol Circulating Pumps
- Additional Glycol Pumps
- DMS Concentrate Conveyor
- Thermowells
- Safety Relief Valves
- Fuel Handling E and I Module
- Unit Substations
- Motor Operated Isolation Valves
- Reagent Dousing Pumps
- Magnetic Flow Meters
- Demag Coils
- High Angle Conveyor
- Card Lock System
- Sieve Bends
- High-high Level Switches
- Pressure Switches
- Level Tilt Switches
- High Pressure Hot Water Heater
- 4000 Volt Motors
- Vertical Turbine Pumps
- Electrical Heat Tracing
- Clarifier/Filter Packager
- Waste Incinerators
- Sewage Treatment Plant
- Modular Utilidors
- Vertical Turbine Fire Water Pumps
- Security Design Costs and Hardware
- DCS Computer Equipment
- Shop Fabricated Tanks (AWWA)
- Documentary Film (Turb. Gen.)
- Pre-eng. Steel Buildings
- Ground Temperature Cables
- Main Plant Belt Conveyors
- Process Plant Bins
- 260WT Steel for API Tanks
- Potable Water Treatment Equipment
- Shop Fabricated Tanks (API)
- Hydraulic Vehicle Hoist
- Exhaust Stacks (standby Genset)
- Exhaust Stacks (boilers)
- Ventilation Fans
- Sewage Lift Stations
- Unit Heaters
- HF Acid Review

- Water Pumps 1130-60-465 and 466 (and balance of pumps)
- Air Compressors
- Solution Pumps 1413-63-241 and 242 (and balance of pumps)
- Miscellaneous Fabricated Steel Platework (1B)
- Air Handling Units
- Miscellaneous Fabricated Steel Platework (1A)
- Raw Water Pumphouse Module
- Synchronization Switch Gear
- Cable, Connectors, Miscellaneous Electrical
- Horizontal Slurry Pumps
- Rotary Gear Pumps
- Vertical Lift Doors
- Configuration Services of X-Link Module
- Reagent Make-up System
- Heat Transfer Fluid
- Cold Warehouse Facility
- Potable Water Treatment Module
- Slurry Sampler
- I/O Panels and Junction Boxes
- Tramp Metal Magnets
- Nuclear Weigh Scale
- Traffic Lights
- Capacitance Plate Level Switches
- Float Level Switches
- Alarm/Warning Devices
- In-line Strainer
- Cedar Poles
- Level Transmitters (ultrasonic)
- Electric Pressurization Units
- Bin Level Transmitters
- pH Analyzers
- Belt Feeders
- Level Gauges
- Pressure Regulators
- Water Mist Fire Protection
- Temperature Transmitters
- Pressure Transmitters
- Fibre Optic Cable
- Clean Agent Fire Protection
- Pneumatic Conveyors
- Pressure Gauges
- Orifice Plates
- Submersible Water Pumps
- Incinerator (Recovery Plant)
- Flow Switches
- Electric Elevators
- Air Operated Diaphragm Pumps
- Dust Collectors
- Dust Scrubbers
- Lubricants
- Hydraulic Elevators
- Steel Pipe and Fittings
- Support for Heating Lines
- Butterfly Valves (Wafer)
- Check Valves
- Balancing Valves
- Hydraulic Pump Package
- Insulation – Jacketed Fibreglass
- Acid and Lime Pumps
- Process Water Filter
- Neutralization Sumps and Lime Make-up Tanks
- Baggage X-Ray Scanners
- Vault Doors
- Hoists
- Vertical Spillage Pumps
- Dewatering Cyclone (Audit Plant)
- DMS Cyclone (Audit Plant)
- Densifying Cyclone (Audit Plant)
- Security Metal Detectors
- Vibrating Feeder (Audit Plant)
- Knife Gate Valves (Group B)
- Magnetic Separator (Audit Plant)
- Control System Hardware
- Knife Gate Valves (Group A)
- Ball and Butterfly Valves
- Agitators
- Solenoid Valves
- Demagnetizing Coils (Audit Plant)
- North Sewage Treatment Plant Additional Equipment
- Horizontal Vibrating Screens (Audit Plant)
- Conductivity Level Switches
- Diamond Sorting Feeders
- Uninterruptible Power Supplies
- Load Cell Weighing
- Totalizing Flow Meters
- Communication Hardware
- Fume Scrubber
- Building Management System
- Leak Detectors
- Primary Sizer
- Ferro-Silicon Screw Feeder
- Pinch Valves
- Gas Detectors
- Belt Feeder
- Relief Valves
- Nuclear Density and Level
- Vibrating Tube Feeders
- Control Valves

- Chem Prep, Dosage and Dust Collectors
- Misc. Platework Package #2
- Barges
- Audit Plant Module
- Clamshell Gates
- Stacks Main Gensets
- Solenoid Valves
- NIWT Feed Pumps
- Hand Sort Glove Boxes
- Grease Table
- Misc. Platework
- Booster Pump
- Pinch Valves
- Computer Equipment Furniture
- Highbay Lighting
- Lab Equipment Package A
- Lab Equipment Package B
- IR Temp Transmitters
- Fibre Optic Cable
- pH Probes, Sewage Treatment Plant
- I/O Panels and Junction Boxes
- Handheld Meters
- Vibration Meters
- Air Flow Meter
- Balancing Meter
- Initial Fill – Polymers
- Radio Modems
- Rotameters
- Initial Fill – Ferro-Silicon
- Workshop Equipment
- Workshop Equipment
- Workshop Equipment
- Lab Equipment
- HF Acid Tote Bin
- Pit Dewatering Pumps
- Sicon Belt Splice Tool
- NIWT Quick Lime
- Dry Alum
- Coagulant and Flocculant
- LAN/WAN Equipment
- Office and Industrial Furniture

To learn more about Diavik, visit diavik.ca, tour the Diavik Visitors' Centre at the company's corporate office in Yellowknife, or contact Diavik at:

Corporate Office

P.O. Box 2498

Telephone: (867) 669-6500

5007-50th Avenue Fax: (867) 669-9058

Yellowknife, NT Canada

X1A 2P8

E-mail: Diavik@riotinto.com

February 2009