

**Schedule 13-1
Identified Work Packages and Allocation**

		* All contract scopes include supply of all supervision, administration, labour, mobilization/demobilization, materials, plant, tools, equipment, transportation, Contractor's insurance and warranty of workmanship and materials	
	Contracts	Service Contracts (on-going)	KCN Allocation
SC-1	Catering	Provision of complete catering services for Keeyask GS project camps (Phase 1 for Start-Up camp; Phase 2 for Main Camps) including purchasing food (cost reimbursable by MH), movable kitchen equipment, cooking utensils, cutlery, chinaware, linens, janitorial services, staff uniforms, consumables, laundry services, collection of payments for meals and accommodation for visitors. Operation of a commissary, camp office, beverage room/restaurant and post office. (Catering for road camp included in north access road contract IC-7.)	Fox Lake & York Factory
SC-2	Camp Maintenance Services	Maintenance services for the camp buildings, equipment, sewage disposal systems, water treatment plant, waste and garbage disposal services, landfill operation, recycling program, clearing and snow removal (of camp areas, roads and related yards), and road maintenance in the camp area, (purchase of stock and supplies by MH). Passenger/courier services from Thompson/Gillam to site.	CNP
SC-3	Security Services	Provide security services 24 hours /7 days/wk at camps, work areas and related facilities (excluding Contractor's work areas) including continuous roving security, fire watch patrol, regular detailed inspections in and around buildings, monitoring, daily and monthly reporting and first response to fires, fire alarms, and all other alarms, opening and closing access gates for approved personnel and vehicles, maintaining surveillance of remote monitors, operate hand-held firefighting equipment and assist in operation of larger fire fighting equipment if such conditions arise.	Fox Lake & York Factory
SC-4	Employee Retention and Support Services	Provision of Employee Retention and Support services for project employees including aboriginal awareness training, individual counseling and facilitated group sessions at the Keeyask Site to reduce attrition among all employees but particularly Northern Aboriginal of Cree Heritage by assisting them in dealing with problems directly affecting their work performance. The counseling and group sessions would focus on work adjustment problems, vocational and career issues, cross cultural adjustments, racial tensions, alcohol and drug abuse, marital stress, family stress, depression and anxiety, and money management.	Fox Lake & York Factory
SC-5	First-Aid Services	Provision of first aid service at all camps and construction sites to injured or ill employees including cleaning, disinfecting and bandaging minor cuts and burns, applying artificial respiration or administering oxygen in cases of suffocation or asphyxiation, operation of semi-automatic defibrillator. The provision of Licensed Medical Technicians, Supervisors, Certified Emergency Medical Responders (EMR) and First Aid Attendants. Supply all emergency medical equipment, including all expendable supplies, semi-automatic defibrillator and all forms relating to safety and accident documentation. Maintain records relating to first aid or emergency care rendered. Provide general liability and malpractice insurance. Supply, operate and maintain one (1) fully equipped ambulance (Purchaser's Option) and one (1) back-up ambulance. Provision of FA-1 through FA-3 training as outlined in Workplace Safety and Health Act CCSM Chapter W210 if requested by Manitoba Hydro. First aid service shall be provided on a 24 hours/day – 7 days/week basis.	CNP

Infrastructure Contracts -- Camps			
IC-1	Start-Up Camp – Site Preparation & Development	Site development, erection and commissioning of a 40 person camp and all related infrastructure to provide accommodation to workers constructing the main camp including mobilization of equipment, provision of equipment for material handling, haulage of personnel, supplies, and material to support camp catering operations, roads and yards (clearing & grubbing, excavation, grading, sub-base & traffic gravel, drainage culverts, backfill) , supply and installation of sewer and water services including supply and installation of a water supply and distribution and fire protection system, wastewater collection system and miscellaneous items such insulation, bollards, granular material, foundations, parking lot electrification. Supply, install, operate and maintain Camp electrification by diesel power. Maintenance and snow removal of access road. Provide and carry out on-the-job training.	CNP
IC-2	Main Camp (Phase I and Phase II) - Site Preparation & Development	Site preparation and development of a 300 person Phase I camp and the addition of a 1200 person Phase II camp (for a total of 1500 persons), work area and related infrastructure to support the construction of the Keeyask GS project including mobilization of equipment, provision of equipment for material handling, haulage of personnel, supplies, and material to support camp catering operations, roads and yards (clearing & grubbing, excavation, grading, seeding, hydro-mulching, sub-base & traffic gravel, drainage culverts, rip-rap and ditch lining, road signs, backfill), sewage lagoon, reinforced concrete foundations for pre-engineered buildings, sports field, rock-filled groin for water intake, security fencing, install package water treatment plant, install package sewage treatment plant, construct temporary sewage holding cell, construct boat ramps, parking lot electrification. Camp interim electrification by diesel power (MH supplied) until construction power line in-service. Maintenance and snow removal of access road. Provide and carry out on-the-job training.	CNP
IC-3	Main Camp - Sewer & Water Services	Supply and installation of sewer and water services at the Keeyask GS project site including mobilization of equipment, supply and installation of a water supply and distribution and fire protection system, wastewater collection system and miscellaneous items such as rock excavation for mains and services, hydrant extensions, insulation, utilidors, bollards, granular material (excluding Contractor's work area)	CNP
IC-4	Construction Power (ROW) Clearing	Clearing and disposal of timber for construction power corridor (excludes site construction power sub-station which is cleared under Contract IC-2). **Subject to MH Transmission & Distribution Review**	CNP
IC-5	Main Camp - Decommissioning	Removal and disposal and rehabilitation of Main Camp and Work areas and related temporary works. Restoration of project areas including grading and vegetation planting	CNP
Infrastructure Contracts -- Roads			
IC-7	North Access Road Construction	Construction of an access road to the Keeyask GS site including winter road access from PR280, clearing and grubbing ROW, construct and maintain a pilot road, stripping and stockpiling topsoil for re-use, installation of culverts for stream crossing and drainage control, installation of geotextile material, construction of roadway embankment, development and rehabilitation of borrow-pits, drilling, blasting and excavation of rock, erosion control measures, disposal of non-merchantable timber, manufacture and processing of granular material for roadbed and maintenance stockpiles, seeding, towing, traffic control and signage. Provide and carry out on-the-job training. Provision of camp and catering services.	CNP
IC-8	South Access Road Construction	Construction of an access road to the Keeyask GS site from Gillam (Gillam to Butnau Dam, Butnau Dam improvements, Butnau Dam to Site), clearing and grubbing ROW, construct and maintain a pilot road, stripping and stockpiling topsoil for re-use, installation of culverts for stream crossing and drainage	CNP

		control, installation of geotextile material, construction of roadway embankment, development and rehabilitation of borrow-pits, drilling, blasting and excavation of rock, erosion control measures, disposal of non-merchantable timber, manufacture and processing of granular material for roadbed and maintenance stockpiles, seeding, towing, traffic control and signage. Provide and carry out on-the-job training. Provision of camp and catering services.	
		Principal Structures Contracts	
PS-1	Forebay Clearing	Provision for complete cutting, piling, burning of all forest growth in Forebay area (approximately 11,000 acres).	CNP
PS-2	Painting and Architectural Finish	Painting of piping, rails, doors, equipment, structural steel etc. and for architectural finishing.	CNP
		Principal Structures Contracts (Schedule and Cost Critical) Overall project schedule and costs could be adversely affected if these contracts are late.	
PS-5	Rock and Unclassified Excavation	Rock and unclassified excavation for channel improvements upstream of the Powerhouse.	CNP
	TOTAL (\$M)	Estimated July 2007 Dollars	\$203.1M