
PART 1 GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

- .1 The work consists of the installation of a new packaged-type Lift Station and Force Main at Tunnel Mountain Campground, the grading and paving of Campground Loops A and B at Tunnel Mountain Campground, and the repairs to the camp site pull outs in Campground Loops A and B at Tunnel Mountain Campground, Banff National Park, Alberta. Work of the contract includes, but is not limited to the total performance of the work (plant, labour, materials, and equipment).

- .2 The scope of work is to:
 - Install a new packaged-type Lift Station composed of:
 - Pre-cast concrete wet well;
 - Two (2) Pre-cast Concrete Storage Tanks;
 - Duplex Pump Station consisting of:
 - Associated piping & Electrical Controls;
 - Weatherproof enclosure; and
 - Duplex Pumps.
 - Install approximately 1,890 metres of 150mm diameter HDPE force main.
 - Connect the above-mentioned main to two (2) existing manholes in the Tunnel Mountain Campground:
 - MH 6 at Village 1 (outflow); and
 - MH G5 at Village 2 (inflow).
 - Mechanical, Electrical and Instrumentation work required to complete the lift station installation mentioned above.
 - Supply of a Trailer-Mounted 75kVa Portable Generator.
 - Supply and installation of a meter/valve vault.
 - Supply and install approximately 1,890 metres of 50mm diameter fibre optic duct work c/w eleven (11) pull boxes.
 - Supply and install approximately 1,890 metres of 102mm diameter PVC electrical duct c/w two (2) pull boxes.
 - Grade and base preparation of approximately 18,150 square metres of road base
 - Adjust 39 manholes to match new finished asphalt grade
 - Adjust 21 water mainline valves to match new finished asphalt grade
 - Supply and placing of approximately 18,150 square metres of asphalt prime coat
 - Supply, placing and compaction of approximately 18,150 square metres of 100mm thick asphalt paving

- 141 Single pullout island repairs, complete
 - 32 Double pullout island repairs, complete
- .3 The drawings and the specification sections more completely describe the full scope of work and material requirements.
- .4 Construct Work under a Unit Price Contract.

1.2 WORK BY OTHERS

- .1 Co-operate with other contractors in carrying out their respective works and carry out instructions from Departmental Representative.
- .2 Co-ordinate work with that of other contractors. If any part of work under this Contract depends for its proper execution or result upon work of another contractor, report promptly to Departmental Representative, in writing, any defects which may interfere with proper execution of Work.

1.3 CONTRACTOR USE OF PREMISES

- .1 Limit use of premises for Work, for storage, and for access, to allow:
- .1 Departmental Representative occupancy according to Canadian Environmental Assessment Act (CEAA).
 - .2 Departmental Representative usage.
 - .3 Park & campground access by public and government agencies.
 - .4 Work by other contractors, if any.
- .2 Co-ordinate use of premises under direction of the Departmental Representative.
- .3 Obtain and pay for use of additional storage or work areas needed for operations under this Contract.
- .4 Remove or alter existing work to prevent injury or damage to portions of existing work which remain.
- .5 Repair or replace portions of existing work which have been altered during construction operations to match existing or adjoining work, as directed by the Departmental Representative.
- .6 At completion of operations condition of existing work: to make good any work disturbed during construction to that of its original state.

1.4 DEPARTMENTAL REPRESENTATIVE OCCUPANCY

- .1 The Departmental Representative will have access to the premises during entire construction period for execution of normal operations.
- .2 Co-operate with the Departmental Representative in scheduling operations to minimize conflict with the institution and to facilitate the Departmental Representative's usage.

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- .3 Construct Work to accommodate the Departmental Representative's use of premises during construction.
 - .4 Co-ordinate Progress Schedule and co-ordinate with the Departmental Representative during construction.
 - .5 Maintain fire access/control to the work site at all times.
 - .6 Maintain park and public access to campground at all times.
 - .7 The campground will be occupied during all phases of construction.

1.5 ALTERATIONS, ADDITIONS OR REPAIRS

- .1 Execute work with least possible interference or disturbance to campground operations, occupants, staff and normal use of premises. Arrange with the Departmental Representative to facilitate execution of work.
- .2 Execute work according to CEAA and National Parks Act.

1.6 EXISTING SERVICES

- .1 Notify the Departmental Representative and utility companies of intended interruption of services and obtain required permission.
- .2 Where Work involves breaking into or connecting to existing services, give the Departmental Representative 96 hours notice for necessary interruption of mechanical or electrical service throughout course of work. Minimize duration of interruptions. Carry out work at times as directed by governing authorities with minimum disturbance to campground operations, occupants, staff and normal use of premises.
- .3 Contractor shall inform Departmental Representative 96 hours in advance of interruption of underground utilities.
- .4 Contractor is to receive approval from Departmental Representative prior to any shutdowns.
- .5 Where work involves underground services, the Contractor must inform and obtain approval from the Departmental Representative before any excavation may commence.
- .6 Provide alternative routes for personnel and vehicular traffic.
- .7 Provide flagging, barricades and traffic controls at all times during work.
- .8 Maintain continuous access to campground for trailers and public at all times.
- .9 Maintain continuous access to campground via the entrance kiosk at all times.
- .10 Establish location and extent of service lines in area of work before starting Work. Notify the Departmental Representative of findings.
- .11 Submit schedule to and obtain approval from the Departmental Representative for any shut-down or closure of active service or facility including power and communications services or

- roadways. Adhere to approved schedule and provide notice to affected parties. Only ½ of any road(s) may only be shut down at a given time.
- .12 Provide adequate bridging over trenches which cross sidewalks or roads to permit normal traffic where required. Normal traffic includes buses and large trailers
 - .13 Where unknown services are encountered, immediately advise the Departmental Representative and confirm findings in writing.
 - .14 Protect, relocate or maintain existing active services. When inactive services are encountered, cap off in manner approved by authorities having jurisdiction.
 - .15 Record locations of maintained, re-routed and abandoned service lines.
 - .16 Construct barriers in accordance with Section 01 56 00 - Temporary Barriers and Enclosures.

1.7 DOCUMENTS REQUIRED

- .1 Maintain at job site, one copy each document as follows:
 - .1 Contract Drawings.
 - .2 Specifications.
 - .3 Addenda.
 - .4 Reviewed Shop Drawings.
 - .5 List of Outstanding Shop Drawings.
 - .6 Change Orders.
 - .7 Other Modifications to Contract.
 - .8 Field Test Reports.
 - .9 Copy of Approved Work Schedule.
 - .10 Health and Safety Plan and Other Safety Related Documents.
 - .11 Minutes of Safety Meetings
 - .12 Performance Bond
 - .13 Other documents as specified.

END OF SECTION