

General Requirements – Payment Procedures
Section 01 29 00

PART 1 GENERAL

1.1 DESCRIPTION OF THE ITEMS ON THE PRICE SCHEDULE

.1 General Conditions

.1 Item 1.1 – Site Organization

.1 Payment of this item shall be made as follows:

- .1 25% with the first monthly payment, after mobilization and installation of site facilities;
- .2 50% also distributed with milestone payments and in proportion to the progress of the work;
- .3 25% with payment issued upon issuance of "Substantial Completion Certificate" after final cleaning.

.2 This item is paid on a lump sum basis and includes the costs of mobilization and demobilization, the cost of purchasing, depreciating or leasing machinery, tools and equipment, personnel, materials, site facilities and any mobilization as may be required to meet the work schedule.

.3 Maintenance and operating costs for the maintenance of machinery, equipment and tools included in the worksite facilities during the work and the personnel supporting these facilities are also included.

.4 This price includes, but is not limited to:

.1 Land

- .1 Expenses for the acquisition, lease, compensation and use of land other than those made available to the contractor, either for the site installations or for temporary laydown areas.
- .2 The costs of use and maintenance of the lands made available to the contractor.

.2 Layout of the site work zones

- .1 Land layout required for set-up of site facilities
- .2 Site drainage.
- .3 Site office of the personnel.
- .4 Premises for storage of equipment.
- .5 External storage for material and equipment.
- .6 Barriers and fencing required throughout the duration of the work, including its eventual movement and all temporary safety devices

.3 Access roads

- .1 Any additional access roads required.

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- .2 Maintenance of access roads (cleaning in summer, leveling of gravel roads, installation of dust suppressant, etc.).
- .3 Temporary signage.
- .4 Required temporary road diversions.
- .5 Snow removal during winter, if required.
- .4 Materials and supply
 - .1 Generators and temporary lighting;
 - .2 Scaffolding;
 - .3 Small tools;
 - .4 Compressors;
 - .5 Other required equipment;
- .5 Temporary works
 - .1 Required actions and supplies such as, but not limited to, labor, equipment, tools and machinery, materials, professional services and land surveys for transportation and land surveys for temporary support of utilities.
 - .2 Engineering and expertise as well as the design of structures and the provision of drawings signed and sealed by an engineer who must be a member of the “Ordre des Ingénieurs du Québec” (OIQ) as well as technical data sheets (materials, equipment, etc.) to the Parks Canada Agency for approval.
- .6 Networks
 - .1 Toilets on site;
 - .2 Water supply to existing site facilities;
 - .3 Fire protection;
 - .4 Water for compaction of material and dust suppressant.
 - .5 Power supply;
- .7 Health and Safety
 - .1 All equipment, labour, materials, machinery, tooling and accessories required to ensure health and safety in accordance with Section 01 35 29.06 of the construction Specification and applicable laws and regulations.
- .8 Environment
 - .1 The protection of the environment, in accordance with section "01 35 43 - Environmental Protection" of the construction specifications and applicable laws.

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- .2 Construction / demolition waste management, in accordance with the requirements of all sections of "Division 1 - General Requirements" of the Construction Specification.
- .9 Miscellaneous
 - .1 Transportation of contractor's personnel;
 - .2 Disposal of waste.
 - .3 All loading and unloading activities required by the contractor.
 - .4 Coordination with users and other contractors in same areas.
 - .5 Coordination of sub-contractors and suppliers;
 - .6 Site coordination meetings.
 - .7 All other costs required for the complete execution of the works but not included in other unit or lump sum costs;
- .2 Dewatering and control of water of work zones
 - .1 This item remunerates on a lump sum basis all the necessary steps, actions and supplies such as, but not limited to, management, transportation, labor, equipment, materials, permits, professional services, construction engineering, work platforms, for dewatering and control of water of the work zones.
 - .2 This item also includes the supply and installation of cofferdams not shown or not identified on the drawings or in the specifications which may be required for the complete and safe execution of the works including dismantling and restoration of the site at the end of the works.
 - .3 All costs necessary to complete this item must be included.
 - .4 Engineering and expertise as well as the design of structures and the provision of drawings signed and sealed by an engineer who must be a member of the "Ordre des Ingénieurs du Québec" (OIQ) as well as technical data sheets (materials, equipment, etc.) to the Parks Canada Agency for approval.
 - .5 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .2 Lock
 - .1 Item 2.1.1 – Replacement of the grating and the frame in the butterfly valve access wells
 - .1 This item remunerates on a lump sum basis (per sets) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the replacement of the grating and the frame in the butterfly valve access well, all in accordance with the drawings and requirements of the specifications.
 - .2 Dismantled equipment to be disposed off site.

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- .3 All costs necessary to complete this item must be included.
- .4 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .2 Item 2.1.2 – Supply and installation of new stairs in the butterfly valve access wells
 - .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new stairs in the butterfly valve access wells, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .3 Item 2.1.3 – Supply of new portable guardrails for the butterfly valve access wells.
 - .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply of new portable guardrails for the butterfly valve access wells, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .4 Item 2.1.4 – Supply and installation of new anchor points
 - .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new anchor points, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .5 Item 2.2.1 – Replacement of the upper wooden beams of the upstream lock gates
 - .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the replacement of the upper wooden beams of the upstream lock gates, all in accordance with the drawings and requirements of the specifications.
 - .2 Dismantled equipment to be disposed off site.

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- .3 All costs necessary to complete this item must be included.
- .4 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .5 The price includes the dismantling of the upper footbridges and their accessories, their storing at site and their reinstallation at end of works.
- .6 Item 2.2.2 – Supply and installation of new upper pivot retaining blocks for the lock gates
 - .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new upper pivot retaining blocks for the lock gates, all in accordance with the drawings and requirements of the specifications.
 - .2 Dismantled equipment to be disposed off site.
 - .3 All costs necessary to complete this item must be included.
 - .4 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .7 Item 2.2.3 – Replacement of the butterfly valves and their actuators
 - .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the replacement of the butterfly valves and their actuators, all in accordance with the drawings and requirements of the specifications.
 - .2 Dismantled equipment to be disposed off site.
 - .3 All costs necessary to complete this item must be included.
 - .4 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .8 Item 2.2.4 – Replacement of butterfly valves bronze bushings
 - .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the replacement of butterfly valves bronze bushings, all in accordance with the drawings and requirements of the specifications.
 - .2 Dismantled equipment to be disposed off site.
 - .3 All costs necessary to complete this item must be included.
 - .4 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .9 Item 2.2.5 – Replacement of the rack geared motor, coupling and steel bases

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- .1 This item remunerates on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the replacement of the rack geared motor, coupling and steel bases, all in accordance with the drawings and requirements of the specifications.
 - .2 Dismantled equipment to be disposed off site.
 - .3 All costs necessary to complete this item must be included.
 - .4 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .10 Items 2.2.6 – Supply and installation of new trashracks anchors
- .1 These items remunerate on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new trashracks anchors, all in accordance with the drawings and requirements of the specifications.
 - .2 The existing anchors are left in place.
 - .3 All costs necessary to complete these items must be included.
 - .4 The payment of these items will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .11 Items 2.2.7 – Replacement of the rack attachment bolts
- .1 These items remunerate on a lump sum basis (per set) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the replacement of the rack attachment bolts, all in accordance with the drawings and requirements of the specifications.
 - .2 Dismantled equipment to be disposed off site.
 - .3 The price includes washers and nuts as required.
 - .4 All costs necessary to complete these items must be included.
 - .5 The payment of these items will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .12 Item 2.3.1 – Dismantling of the existing electrical equipment
- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the dismantling of the existing electrical equipment, all in accordance with the drawings and requirements of the specifications.

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- .2 Dismantled equipment to be disposed off site except for the following items to be transported to Parks Canada workshop:
 - .1 Geared motors.
- .3 All costs necessary to complete this item must be included.
- .4 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .13 Item 2.3.2 – Supply and installation of new 200A electrical outlet
 - .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new 200A electrical outlet, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .14 Item 2.3.3 – Supply and installation of cabinets and junction, pull and distribution boxes
 - .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of cabinets and junction, pull and distribution boxes, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
 - .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.
- .15 Items 2.3.4 – Supply and installation of dry type transformers
 - .1 These items remunerate on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of dry type transformers, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete these items must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
 - .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.



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- .16 Item 2.3.5 – Supply and installation of circuit breakers distribution panels
- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of circuit breakers distribution panels, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
 - .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.
- .17 Item 2.3.6 – Supply and installation of new 600V manual transfer switch
- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new 600V manual transfer switch, all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
 - .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.
- .18 Item 2.3.7 – Supply and installation of new motor control center (MCC)
- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new motor control center (MCC), all in accordance with the drawings and requirements of the specifications.
 - .2 All costs necessary to complete this item must be included.
 - .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
 - .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.
- .19 Item 2.3.8 – Supply and installation of cabling systems
- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work



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platforms for the supply and installation of new cabling systems, all in accordance with the drawings and requirements of the specifications.

- .2 All costs necessary to complete this item must be included.
- .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.

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.20 Item 2.3.9 – Supply and installation of new control systems

- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the supply and installation of new control systems, all in accordance with the drawings and requirements of the specifications.
- .2 All costs necessary to complete this item must be included.
- .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.

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.21 Item 2.3.10 – Relocation of existing electrical outlets

- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for the relocation of existing electrical outlets, all in accordance with the drawings and requirements of the specifications.
- .2 All costs necessary to complete this item must be included.
- .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.
- .4 The price includes all civil works (demolition, concreting, etc.) required to dismantle the existing equipment and install the new one and as shown on the drawings.

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.22 Item 2.4.1 – Commissioning of the lock systems

- .1 This item remunerates on a lump sum basis (LS) all necessary measures, actions and supplies such as, but not limited to, management, labor, tools and machinery, equipment, materials, surveys, permits, professional services, construction engineering and work platforms for commissioning of the lock systems, all in accordance with the drawings and requirements of the specifications.
- .2 All costs necessary to complete this item must be included.

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- .3 The payment of this item will be made according to the progress of the work, as approved by the Parks Canada Agency.

PART 2 PRODUCTS

2.1 NOT USED

- .1 Not used

PART 3 EXECUTION

3.1 NOT USED

- .1 Not Used

END OF SECTION