

SECTION 01010 - SUMMARY OF THE WORK

PART 1 - GENERAL

1.1 SCOPE

- A. Contracts: Work shall be under one General Contract and shall include, but not be limited to, all labor, materials and supervision necessary to furnish and install the Work as indicated in all associated Contract Documents. All local, county, state, or federal permits required for this type of work shall be acquired before work begins. Work shall meet or exceed all specifications set forth in these contract documents and the latest edition of the Montana Public Works Standard Specifications. If there is a conflict between specifications, the more stringent shall apply, unless otherwise specifically authorized by the owner. Contractor shall have the project inspected by FWP, Coffman Engineers, the State Building Code Department, and any other entities required to inspect the work after completion. Any required changes derived from these inspections shall be the responsibility of the contractor to correct and any additional costs shall be borne by the contractor.

- B. Base Bid Work:
 - 1. Base bid includes all work indicated for Makoshika State Park Visitors Center building including fire sprinklers, fire alarm, painting, patching, and cleaning.

- C. Alternate Work
 - 1. None

- D. Contractor's Use of Premises:
 - 1. Work on this contract is expected to be done during regular working hours, 8:00 a.m. to 5:00 p.m., Monday through Friday. Any variation from this will require prior approval of the Owner.
 - 2. All work must always be coordinated with the Owner.
 - 3. The Owner will occupy the site and existing buildings during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations. Contractor shall work closely with Park staff to determine the best way to work in and around existing park property in the basement (Fossils, Artifacts, etc. are always to be safe-guarded during the project). Any damage to park property caused by the contractor shall be repaired, at his/her expense, to the satisfaction of Park Project Manager (Darcy Yakoweshen).
 - 4. Contractor shall conduct all his work in such a manner as to minimize the inconvenience and disruption of Owner's daily schedule.
 - 5. Confine operations at the site to the areas permitted under the Contract. Portions of the site, beyond areas on which work is indicated, are not to be disturbed. Conform to site rules and regulations affecting the work while engaged in project construction.
 - 6. Always Keep existing driveways and entrances serving the premises clear and available to the Owner and his employees. Do not use these areas for parking or storage of materials.
 - 7. Do not unreasonably encumber the site with materials or equipment. Confine stockpiling of materials to the areas designated by the Owner. If additional storage is necessary, obtain and pay for such storage off-site.
 - 8. Contractor shall establish a staging area for storage of materials and equipment.
 - 9. Pipe machines and other equipment shall be setup outside of the buildings.

- E. Site Facility Rules and Regulations:
 - 1. Entrance doors are to be unobstructed at all times. The only access point for construction will be the basement door. No access through the visitor center shall be allowed, unless authorized by Park staff. Contractor shall have access to the basement bathroom only. If this is not sufficient, the contractor shall be responsible for renting a portable toilet.
 - 2. Verify with Owner before driving vehicles on sidewalks adjoining work locations.
 - 3. Site staging areas for materials and equipment will be designated on the drawings and/or coordinated with the owner, if allowed. Staged materials and equipment must be secured on the ground surface or in trailers. Site staging areas shall be fenced.

4. Lock automotive type vehicles, such as passenger cars and truck and other mechanized or motorized construction equipment, when parked and unattended, to prevent unauthorized use.
- F. Building Keys:
1. The Owner will provide keys for the building. The contractor shall check out keys from the Owner and return at the completion of the project. Contractor shall comply with all Owner requirements for the use of keys for the building.
- G. Field Measurement and Material Quantities:
1. Contractor shall have sole responsibility for accuracy of all measurements and material quantities and sizes.
- H. Safety Requirements:
1. All application, material handling, and associated equipment shall conform to and be operated in conformance with OSHA safety requirements.
 2. Comply with Federal, State, Local and Owner fire and safety requirements.
 3. Advise Owner whenever work is expected to be hazardous or inconvenient (including objectionable odors) to Owner's employees or the building occupants.
 4. Construction materials or equipment shall be placed so as not to endanger the work or prevent free access to all emergency devices or utility disconnects.
 5. Maintain the proper rated fire extinguishers within easy access where power tools, sanding or other equipment is being used.
 6. The Project is located at the Makoshika State Park Visitor Center in Glendive, Montana.
 7. Clean-up includes cleaning of all adjacent surfaces that may require cleaning due to the execution of this contract.
 8. The Contractor shall erect and maintain, as required by law, conditions and progress of the work, warning signs, barricades and other reasonable safeguards for safety and protection.
 9. The construction area shall be secured at the end of each working day. All equipment tools, ladders, etc. used for construction shall be removed from work areas.
 10. The Owner's representative shall be notified of any intentions to work after normal operating hours or on weekends at least 72 hours in advance.
- I. Existing Premises Condition:
1. The Contractor is responsible for adequately documenting the existing condition of the premises, specifically the cleanliness of areas. Any damage to the premises which is found after construction and is not so documented will be the responsibility of the Contractor to repair or replace.
- J. Asbestos
1. If the general contractor identifies any unidentified asbestos or other hazardous material on the site, he shall immediately stop work & notify the Owner. The Owner shall engage a licensed contractor to remove the hazardous material found if necessary.

END OF SECTION

SECTION 01020 - SCHEDULE OF WORK

PART 1 - GENERAL

1.1 SCHEDULE

- A. The Contractor shall commence work on site after the Notice to proceed has been issued. Contractor shall work with FWP to determine the NTP date. Trench excavation will begin when weather allows.
- B. The Visitor Center building will be used extensively during the entire construction period. Coordinate all work, disruptions, and inconveniences with the Owner's Representative and all users of the facility.

1.2 WORK RESTRICTIONS

- A. Contractor's Use of Premises:
 - 1. Work on this Contract is allowed to be done during regular working hours (8:00 a.m. to 5:00 p.m.) Monday through Friday. After hours and weekends will be as required to meet the Project Phasing Schedule. After hours work will be reviewed and require prior approval of the Owner.
 - 2. The Owner will occupy the site and existing buildings during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform all work so as not to interfere with the Owner's operations.

1.3 WORK SEQUENCE

- A. Work shall progress in accord with approved construction schedule.
- B. Work shall be completed in each area before proceeding to the next area. All testing shall be completed and ceilings replaced.
- C. Work areas shall be barricaded and identified with safety tape.
- D. Contractor shall be responsible for covering and protecting all existing surfaces during construction.
- E. Work area shall be thoroughly cleaned and vacuumed before advancing to next work area.
- F. Contractor shall notify Owner of work area sequence.
- G. Ceiling tiles shall be removed by "clean hands" only. Any damaged tile including fingerprints shall be replaced at the contractor's expense.
- H. Pipe machines shall be setup outside the building to minimize damage to the interior of the building.

1.4 CONTRACTOR'S CONSTRUCTION SCHEDULES

- A. Bar-Chart Schedule: Prepare a fully developed, horizontal bar-chart type Contractor's construction schedule. Submit within 10 days of the Notice to Proceed.
 - 1. Provide a separate time bar for each significant construction activity. Provide a continuous vertical line to identify the first working day of each week. Use the same breakdown of units of the Work as indicated in the "Schedule of Values".
 - 2. Within each time bar indicate estimated completion percentage in 10 percent increments. As Work progresses, place a contrasting mark in each bar to indicate Actual Completion.
 - 3. Prepare the schedule on a sheet, or series of sheets, of stable transparency, or other reproducible media, of sufficient width to show data for the entire construction period.

4. Coordinate the Contractor's construction schedule with the schedule of values, list of subcontractors, submittal schedule, progress reports, payment requests and other schedules.
 5. Indicate completion in advance of the data established for Substantial Completion. Indicate Substantial Completion on the schedule to allow time for the Engineer's procedures necessary for certification of Substantial Completion.
 6. It is highly recommended to hold a weekly safety meeting with contractors, park staff, consultants, and other entities present for the work to be initiated.
- B. Phasing: Provide notations on the schedule to show how the sequence of the Work is affected by requirements for phased completion to permit Work by separate Contractors and occupancy by the Owner prior to Substantial Completion.
 - C. Work Stages: Indicate important stages of construction for each major portion of the Work, including testing and installation.
 - D. Area Separations: Provide a separate time bar to identify each major construction area for each major portion of the Work. Indicate where each element in an area must be sequenced or integrated with other activities.
 - E. Distribution: Following response to the initial submittal, print and distribute copies to the Engineer, Owner, subcontractors, and other parties required to comply with scheduled dates.
 - F. Schedule Updating: Revise the schedule after each progress review meeting, where revisions have been recognized or made. Issue the updated schedule concurrently with report of each meeting.

END OF SECTION