SCOPE OF WORK

Project Title: Replacement of Dual Swing Gate Operator Motors

Park Unit: Fort Vancouver National Historic Site (FOVA)

1. PURPOSE

The Scope of Work includes upgrading security by removing and installing two dual swing gate operator motors at Fort Vancouver National Historic Site. All work will adhere to NPS standards, manufacturer specifications, and applicable codes.

2. BACKGROUND

The existing gate operator motors have been damaged beyond repair and require replacement to ensure safe and reliable operation of access-controlled areas within the park.

3. LOCATION

The gate requiring motor replacement is located at 501 E 5th Street, Vancouver, WA 98661. The associated control panel is located in Building 404, which is adjacent to the gate.

4. CONTRACTOR RESPONSIBILITIES

The contractor shall furnish all labor, materials, and equipment required to remove existing units and install new dual swing motors.

4.1 Pre-Work

Attend planning meeting before beginning work to verify site conditions, submit product data sheets, provide a Job Hazard Analysis, and coordinate scheduling.

*A site visit is scheduled for Wednesday July 15, 2026 at 11:00 AM Pacific for preliminary inspection.

4.2 Removal of Existing Motors

Implement Lockout/Tagout procedures, disconnect wiring, remove motors, and inspect gate hardware for deficiencies.

4.3 Installation of New Dual Swing Motors

Provide and install two new Dual swing motors following manufacturer guidelines, integrate access control systems, and replace incompatible components. Furnish and install dual swing

gate operator to open both sides of existing dual swing gate. Select commercial grade vehicular gate operators intended for high traffic and other commercial applications and designed for efficiency and consistency in both installation and function. The following specifications and components shall be considered the minimum for installation:

- ½ HP high cycle gate opener that can run on standard 125V electric circuit
- 4 gate edge contact sensors with wireless remotes along bottom of gate (UL325)
- 2 magnetic gate locks with relay module, one high and one low
- 1 Safety edge contact sensor where swing gates come together and meet

4.4 Programing New Dual Swing Motors

Connect gate operating system to existing access control system located in Building 404. It is expected that this will require coordination with the proprietary company that the access control comes from.

Three existing access control points are installed and connected to the power and data point located at the site and as shown on the plans.

Each access control point includes a LincPass card reader that is connected to the existing access control system in 404 and a punch code keypad system that shall allow us as the user to manage and change multiple passwords that will work at the three access points installed.

- Setup operation so that gate will automatically stay open during the following business hours; 5:45 am – 5:45pm Monday through Friday.
- Gate shall be setup so that it remains closed during Federal holidays.

4.5 Testing & Commissioning

Test full open/close cycles, verify safety systems, adjust limits, provide manuals, and demonstrate operation to NPS & USFS staff.

4.6 Cleanup and Final Acceptance

Remove debris, restore areas, and provide a completion report detailing work performed.

5. MATERIALS SUPPLIED BY CONTRACTOR

Contractor supplies motors, wiring, conduit, and required hardware or tools.

6. SAFETY REQUIREMENTS

Contractor must follow OSHA, NPS safety policy (DO#50B), and park safety rules; PPE and barricades required.

7. SCHEDULE

Work begins after Notice to Proceed and must be completed within the approved timeframe. Work hours will be from 7:00 am to 5:30 pm, Monday through Friday. Site Access: Contractor shall have unlimited access to 501 E 5th Street gate area during the regular work week but will be prohibited from working on holidays and weekends. If necessary, coordinate access with the National Park Service (NPS) and the USDA Forest Service (USDAFS) between the hours of 7 P.M. and 6 A.M., Monday through Friday.

8. WARRANTY

Minimum one-year manufacturer warranty and one-year contractor workmanship warranty.

9. DELIVERABLES

Submittals, safety plan, warranty documents, O&M manuals, and completion report.