

# Specification Template

## South East MEICA Framework

412\_13\_SD02

### Project / contract Information

Project name	A.G. Wright – Trod Wheels Greaselines
Project SOP reference	ENV6004881R
Contract reference	33066
Date	27 <sup>th</sup> May 2021
Version number	01
Author	[REDACTED]

### Revision history

Revision date	Summary of changes	Version number
26 <sup>th</sup> May 2021	First issue	01

The Works are to be delivered in accordance with the current version of the South East MEICA Framework Deed of Agreement (9WAL-G23EAE). This Specification should be read in conjunction with the version of the South East MEICA Framework Deed of Agreement current at the Contract Date. In the event of conflict, this Specification shall prevail.

customer service line  
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incident hotline  
0800 80 70 60

floodline  
0845 988 1188

## Details of the Works

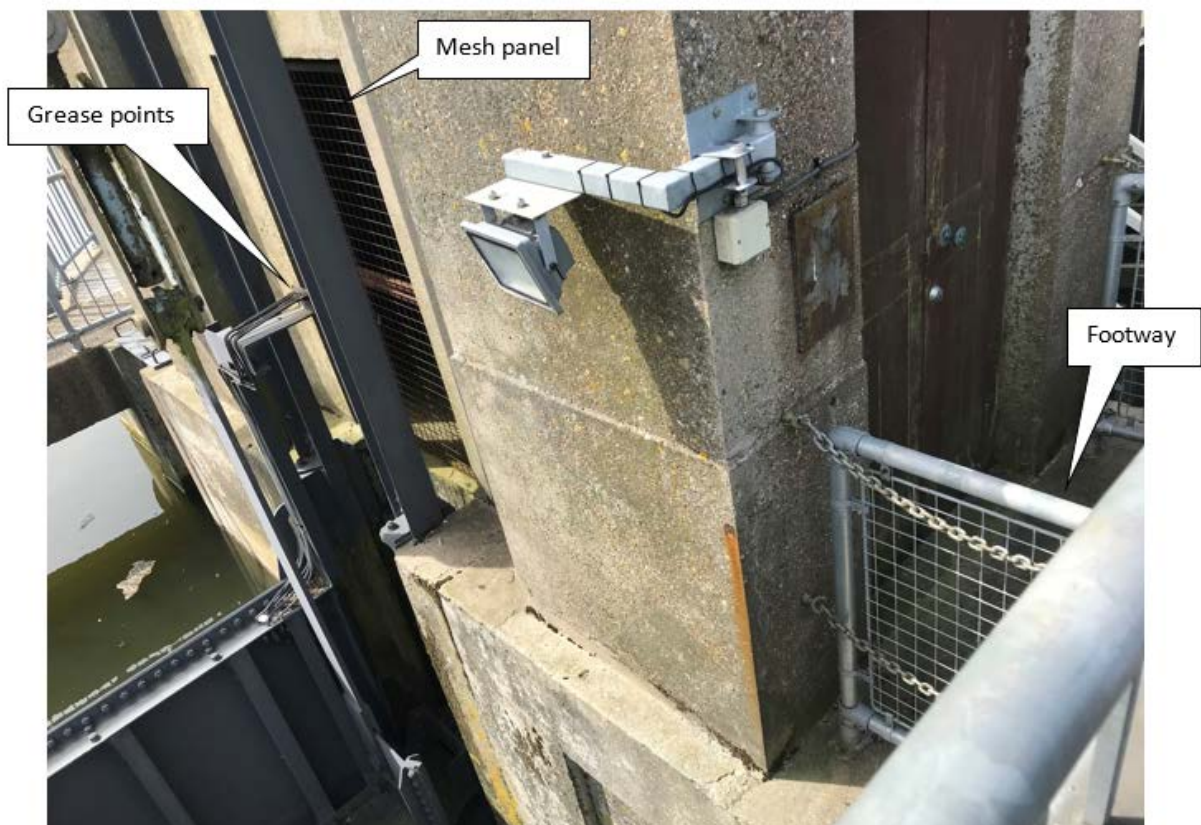
### 1. Description of the work:

#### 1.1 Objective

The scope of this project is to re-route the trod wheel greaselines on all three sluice gates at the A.G Wright Sluice. Each sluice gate has two sets of greaselines which provide grease to the trod wheels on each side of the sluice gate. The grease points need to be accessed during the routine 6 monthly maintenance in order to ensure grease is being provided to the trod wheels.

The grease points were historically accessed by entering the base of each tower and removing a mesh panel, as seen in the photo below. However, this is deemed unsafe as it involves working underneath the sluice gate counterbalances which are housed in the towers. The greaselines need to be extended so that the grease points can be accessed in a safe manner from the footways of each tower. An extension/access platform may need to be added to the footways in order to reach the extended greaselines.

As the greaselines have not been accessed for several years, the *Client* is unsure if the greaselines are fully operational at present. Therefore we would also like, included within the tender return, an option for testing the greaselines functionality and a full replacement of the greaselines if necessary. This option will assume that the *Client* installs the dam boards.



**Figure 1 – AG Wright Greaselines and Access**

#### 1.2 Outcome Specification

- a) The *Contractor* shall include in the tender return, two priced options:

- a. A solution for extending the trod wheel greaselines so that they can be accessed in a safe manner, without needing to access and work within the base of the towers housing the counterbalances
- b. In addition to option a, the testing and replacement, where necessary, of the existing greaselines. This option assumes that the *Client* will put the dam boards in place and raise the gate to the required position.
- b) The *Contractor* shall produce a detailed design of the chosen option that gains approval prior to the construction phase of works.
- c) The *Contractor* shall not commence any construction work on the site until the *Client*, or their representative, has accepted the method statements and risk assessments related to this contract.
- d) Construction can commence on approval of detailed design and will be added to the project as a compensation even if required.
- e) The *Contractor* is to prepare, for the *Client's* acceptance, the Construction Phase Plan (CPP) and the Environmental Action Plan (EAP) prior to starting the construction works
- f) The *Contractor* shall establish and develop all necessary health & safety and operational documentation and method statements (including H&S file in *Client's* new format) and provide detailed as-built drawings for any new access platforms.
- g) The *Contractor* shall update/add to any existing drawings of the gates to show the new greaselines layout.

*1.3 The Works specifically excludes the following:*

- a) Works on the electrical or control system.
- b) Operation of the gates. Under normal operation, all three sluice gates in the closed position.
- c) The installation of dam boards, if necessary.

**2. Drawings, site information or reports already available:**

- a) Utility Searches to be provided with PCI
- b) Existing H&S file
- c) Existing mechanical and civils as-built drawings:
  - a. Anglian Water mechanical drawings pre 1983  
ER-46-00-3, 5, 6, 7, 8, 9, 12, 14, 15, & 16
  - b. Other mechanical drawings:
    - 1. NEL 679 00-01A Floor Plates Layout
    - 2. NEL 679 00-02A Floor Plates Layout
    - 3. Painting As-Built
    - 5. 001a item 4 – 20130321163322588
    - 6. 001a item 4 – 20130321163331748
    - 7. 50-208-0\_Kettle - chain
  - c. Anglian Water Civils drawings pre 1983  
ER-46-00-1, 2, 3, 4, 6, 7, 9, 10, 11, 13, 14, 16, & 17
- d) Site Emergency Plan
- e) Detailed Asset Inspection 2010.

### 3. Specifications of standards to be used:

- a) The Works are to be delivered in accordance with the current version of the South East MEICA Framework Deed of Agreement (9WAL-G23EAE), including Schedule 1 (Framework Specification) and its Annexes;
- b) MEICA standard specification: Operational instruction 369\_13 (Issued 06/06/2013) and its Associated supplementary documents; specifically:
  - 369\_13\_SD01 Materials and Mechanical installations
  - 369\_13\_SD04 Water control structures
  - 369\_13\_SD21 Documentation

### 4. Constraints on how the *Contractor* delivers the Works:

- a) The *Contractor* will be permitted to work between 7.30am and 6.00pm on weekdays (Monday to Friday)
- b) Access to the site is via a public highway from Denver village. Normal highway weights apply.
- c) Obstruction to highway is to be kept to a minimum; a full road closure is to be avoided. The *Contractor* shall provide a Traffic Management Plan.
- d) Utility searches will be provided to the *Contractor* with the Pre-Construction Information (PCI).
- e) The *Contractor* shall mobilise labour, plant and equipment to site, establish a secure compound, office, messing, storage and welfare facilities as necessary.
- f) The *Contractor* shall erect suitable signage and public interface control measures as.
- g) The *Contractor* shall locate, mark and take any necessary control measures for working near services.
- h) The *Contractor* shall be responsible for obtaining the necessary Environmental Permits for Flood Risk Activities, if applicable.
- i) The *Contractor* shall ensure that only one gate is to be out of use at any one time. This is so that the structure can continue to operate in the event it is needed for flood water discharge.

### 5. Requirements of the programme:

The *Contractor* shall submit their programme with the *Contractor's* offer for acceptance. The *Contractor* shows on the programme (in the form of a Gantt chart showing the critical path, proposed order and timing to undertake the works and proposed plant and labour resources), the following:

- a) Period required for mobilisation/planning and post contract award
- b) Starting date and completion date
- c) The activities required to complete the works
- d) Any key third party interfaces: lead in period for materials and sub-contractors; time required to obtain consents, waste permits, and stated constraints and contractors risks.

### 6. Services and other things provided by the *Client*:

- a) Utility Searches to be provided with PCI. The *Contractor* is expected to verify, CAT scan, mark and manage risk as appropriate.
- b) FBG file note
- c) Use of the Denver Sluice Complex secure compound adjacent to the AG Wright Sluice
- d) Use of the Denver Sluice Complex toilet facilities

