

Town of Ayer, Massachusetts
1 Main Street
Ayer, MA 01432

TO: Prospective Bidders

RE: Contract Documents
Town of Ayer, Massachusetts
Ayer Wastewater Treatment Facility – FY2018 Improvements
Contract No. 18DPW07

FILED SUB-BID

OPENING: April 12, 2018 at 2:00 p.m.
Ayer Department of Public Works
25 Brook Street
Ayer, MA 01432

GENERAL BID

OPENING: May 3, 2018 at 2:00 p.m.
Ayer Department of Public Works
25 Brook Street
Ayer, MA 01432

ADDENDUM NO. 1

This Addendum No. 1 to the above referenced project modifies, corrects and/or supplements the original Contract Documents date March 2018 and shall become a part of the Contract Documents.

Acknowledge receipt of the Addendum by inserting its number in the space provided on page 00300-1 of the Bid Form or page 00306-1 of the Filed Sub-Bid Form. Failure to do so may subject the bidder or sub-bidder to disqualification.

Attached to this addendum is the Pre-Bid Conference Minutes and Attendees List (3 pages) and a Massachusetts Division of Fisheries & Wildlife Letter of Determination (1 page), sketches SK-E-1 and SK-E-2 (2 pages), and written questions submitted along with associated answers (1 page).

CHANGES TO THE SPECIFICATIONS

A. **SECTION 00020 – INVITATION TO BID**

1. Page 00020-1, Paragraph 1, DELETE “01437” and REPLACE with “01432”.
2. Page 00020-1, Paragraph 2, DELETE “01437” and REPLACE with “01432”.
3. Page 00020-2, Paragraph 1, DELETE “01437” and REPLACE with “01432”.

B. **SECTION 00100 – INSTRUCTIONS TO BIDDERS**

1. Page 00100-2, Paragraph 5.1, DELETE “01437” and REPLACE with “01432”.

C. **SECTION 15300 – FIRE PROTECTION SYSTEM – GENERAL PROVISIONS**

1. Page 15300-1, Paragraph 1.01.D, DELETE “01437” and REPLACE with “01432”.

D. **SECTION 15400 – PLUMBING – GENERAL PROVISIONS**

1. Page 15400-1, Paragraph 1.01.D, DELETE “01437” and REPLACE with “01432”.

E. **SECTION 15500 – HVAC – GENERAL PROVISIONS**

1. Page 15500-1 Paragraph 1.01.D, DELETE “01437” and REPLACE with “01432”.

F. **SECTION 16720 – FIRE ALARM SYSTEM**

1. Page 16720-1 Paragraph 1.01.C., DELETE the paragraph in its entirety and REPLACE with the following:

“C. Emergency Responder Radio Coverage (ERRC)

1. Provide the evaluation of the existing Process and Maintenance Building for emergency responder radio coverage (ERRC) as outlined in 780 CMR and NFPA 72.
2. Provide ERRC as required through the evaluation of the existing Process and Maintenance Building. Contractor shall furnish and install a system to provide coverage acceptable to the Town of Ayer Fire Chief.”

F. **APPENDIX A – NATURAL HERITAGE AND ENDANGERED SPECIES CORRESPONDENCE**

1. At the end of Appendix A, INSERT the Massachusetts Division of Fisheries & Wildlife Letter of Determination attached to this addendum.

Town of Ayer, Massachusetts
Ayer Wastewater Treatment Facility – FY2018 Improvements

Contract No. 18DPW07

PRE-BID CONFERENCE AGENDA
April 3, 2018, 9:30 a.m.

I. Facility History

The Ayer Wastewater Treatment Facility (WWTF) was constructed in 1982. Miscellaneous upgrades have been implemented since, including:

- 1994 - ceramic fine bubble diffusers and blower building added
- 2007 – process improvements including grit, tertiary, anoxic tanks, tank conversion, addition of ultraviolet (UV) disinfection and disk filters; electrical and controls upgrades
- 2011 – UV system replacement, energy upgrade

II. Project Overview

The primary focus of the FY2018 Improvements is to address aging building systems and safety concerns. Work includes electrical, HVAC, and plumbing systems improvements; architectural and structural modifications and improvements; miscellaneous instrumentation and communications modifications; and demolition of the existing belt filter press, including concrete curbing. A detailed discussion of the project was not included given the wide variety of work to be done.

Attention is called to the potential for asbestos abatement associated with work on HVAC piping insulation and existing water service.

III. Maintenance of Plant Operations (MOPO)

Due to the scope of the contract, no service interruptions at the WWTF are anticipated. Specification Section 01810 should be carefully reviewed. Work in the office area shall be scheduled and executed in a manner that minimizes interruptions and period of time the office cannot be occupied.

Power supply disruption shall be coordinated with the Owner and Engineer, shall occur at a period of low flow, and shall be minimized to the maximum extent possible. Flow can be sent to the Devens WWTF during this period.

IV. Schedule

- Pre-bid Meeting: April 3, 2018, 9:30 a.m. – Ayer WWTF
- Filed Sub-bid Opening: April 12, 2018, 2:00 p.m. – Ayer Department of Public Works
 - Filed sub-bid categories include fire protection sprinkler systems, plumbing, HVAC, and electrical.

- General Bid Opening: May 3, 2018, 2:00 p.m. - Ayer Department of Public Works
- Contract Duration: 240 calendar days commencing 20 day following Effective Date of Agreement (180 calendar days to substantial completion).
- Liquidated Damages will be assessed for work beyond the contract duration.

V. Funding

Project is funded locally (not CWSRF). Bidding and Award of this Contract will be under provisions of M.G.L. Chapter 149, Section 44A-44J. All bidders (general bidders and filed sub-bidders) must have current certificate of eligibility issued by the Division of Capital Asset Management and Maintenance.

VI. Miscellaneous Issues

1. **Staging Areas and Temporary Facilities** -The Town requires constant accessibility to all facilities at the site. The designated staging area is shown on the drawings. Engineer's temporary field office shall be supplied by Contractor in accordance with Section 01500.
2. **Submittals** - Independent hosted web-based electronic system shall be by Submittal Exchange or equal. Contractor is responsible for obtaining.
3. **Questions and Attendee List** - It was noted that only questions submitted in writing and responded to by Addenda will be binding. Oral responses should not be considered binding. Bidders were advised to submit questions in writing to Matthew Pitta (PittaMD@cdmsmith.com). Attendees to the pre-bid conference were requested to sign the attendee list available at the pre-bid conference; the list is attached.
4. **Addenda** - No addenda have been issued to date. It was noted that notes from the pre-bid conference meeting and attendee list will be distributed via addenda.
5. **Utility Coordination** - Payment for work done by National Grid to provide new electrical service to the site, including pad mounted transformer and meter will be made directly by the Town. The Contractor is responsible for contact, coordination, and scheduling work.

VII. Questions and Answers

A brief question and answer session was held.

VIII. Site Visit

Following the Q&A session, a tour of the WWTF was held.



MASSWILDLIFE

DIVISION OF
FISHERIES & WILDLIFE

1 Rabbit Hill Road, Westborough, MA 01581
p: (508) 389-6300 | f: (508) 389-7890
MASS.GOV/MASSWILDLIFE

Jack Buckley, *Director*

March 14, 2018

Mark Wetzel
Town of Ayer
25 Brook St.
Ayer MA 01432

RE: Project Location: 25 Brook Street
Project Description: Replace underground electric service
NHESP File No.: 11-29604

Dear Applicant:

Thank you for submitting the MESA Project Review Checklist, plans entitled "ELECTRICAL POWER AND TELEPHONE SERVICE PLAN" (Sheet No. E-14) and other required materials to the Natural Heritage and Endangered Species Program of the MA Division of Fisheries & Wildlife (the "Division") for review pursuant to the Massachusetts Endangered Species Act (MESA) (MGL c.131A) and its implementing regulations (321 CMR 10.00).

Based on a review of the information that was provided and the information that is currently contained in our database, the Division has determined that this project, as currently proposed, **will not result in a prohibited Take** of state-listed rare species. This determination is a final decision of the Division of Fisheries & Wildlife pursuant to 321 CMR 10.18. Any changes to the proposed project or any additional work beyond that shown on the site plans may require an additional filing with the Division pursuant to the MESA. This project may be subject to further review if no physical work is commenced within five years from the date of issuance of this determination, or if there is a change to the project.

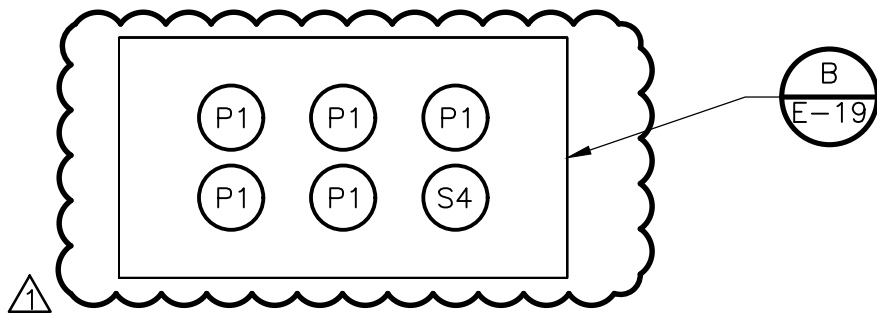
Please note that this determination addresses only the matter of state-listed species and their habitats. If you have any questions regarding this letter please contact Melany Cheeseman, Endangered Species Review Assistant, at (508) 389-6357.

Sincerely,

Thomas W. French, Ph.D.
Assistant Director

cc: Danielle Gallant, CDM Smith

MASSWILDLIFE



ELECTRICAL DUCTBANK

SECTION

2
-

NTS

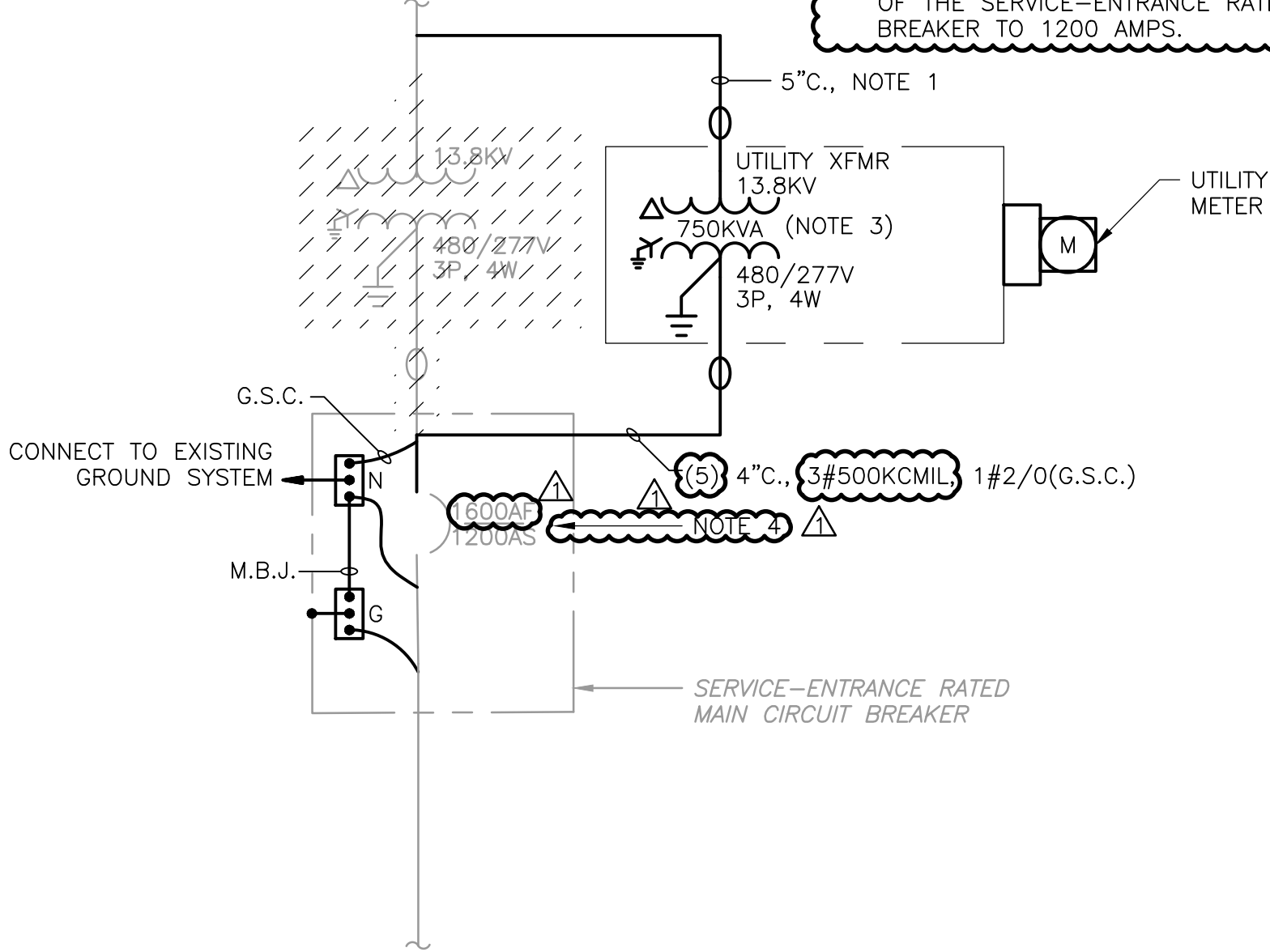


AYER, MASSACHUSETTS
 CONTRACT No. 18DPW17
 AYER WASTEWATER
 TREATMENT FACILITY
 FY2018 IMPROVEMENTS

| | | | |
|-------------------------|----------|-----------------|---------------|
| DATE <u>APRIL, 2018</u> | | ADDENDUM NO. | FIGURE NO. |
| SHEET NO. | LOCATION | | |
| E-3 | G1 | 1 | SK-E-1 |

TO UTILITY
RISER POLE

4. CONTRACTOR SHALL ADJUST THE TRIP SETTING OF THE SERVICE-ENTRANCE RATED MAIN CIRCUIT BREAKER TO 1200 AMPS.



AYER, MASSACHUSETTS
CONTRACT No. 18DPW17

AYER WASTEWATER
TREATMENT FACILITY
FY2018 IMPROVEMENTS

DATE APRIL, 2018

SHEET NO.

LOCATION

ADDENDUM
NO.

FIGURE
NO.

E-6

G1

1

SK-E-2

Attachment to Addendum No. 1

Town of Ayer, Massachusetts Ayer Wastewater Treatment Facility – FY2018 Improvements

Contract No.: 18DPW07

Questions and Answers

Questions by: Fall River Electrical Associates Co. Inc.

Q1. Are we correct in our interpretation of the Division 16 electrical specification paragraph 16720.1.01.C requirement? If the following is a correct interpretation wouldn't an allowance be a better approach? The electrical filed sub-bidder is to include the expense of an ERRC study to determine the need for an ERRC installation which might not even be necessary. The electrical filed sub-bidder is to include the expense for an ERRC installation. The ERRC installation expense is just in case on is determined to be required by the study performed for this project?

A1. Refer to Addendum No. 1 for modifications to Specification Section 16720.

Q2. Is the Division 16 electrical specification paragraph 16720.1.01.D requirement referring to the ERRC installation or possibly the Radio Master Box?

A2. Specification Section 16720, Paragraph 1.01(D) is in reference to the radio master box. This work is to make sure that the radio antennae that is installed will properly communicate with the Town of Ayer FD system.

Questions by: Progressive Electrical Services, Inc.

Q3. The prints show 1200a, but from our pictures it seems the existing switch is rated for 1600a. Is the intent to just refeed with 1200A, and keep the 4th conduit a spare?

A3. Refer to Addendum No. 1 for sketches SK-E-1 and SK-E-2.