



ADDENDUM NO. 5  
TO CONTRACT DOCUMENTS

Project	Wareham WPCF Improvements – Phase I	Project No.	11221642
Owner	Town of Wareham, MA	Federal Project No.	CW SRF No. 6642
Contract No.	2021-WW-01	Date	May 5, 2021

To All Contractors:

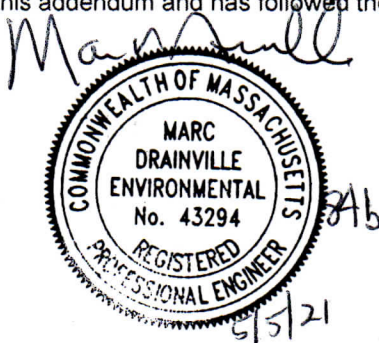
Contractors submitting proposals for the above-named project shall take note of the following changes, additions, deletions, clarifications, etc., in the Contract Documents, which shall become a part of and have precedence over anything contrarily shown or described in the Contract Documents, and all such shall be taken into consideration and be included in the Contractor's bid proposal.

Please note, this addendum changes the General Contractor's Bid Opening Date, see Item No. 1.

Please note, this addendum modifies the presentation of the General Contractor's Bid by incorporating two Alternates. The General Contractor's Scope of Work is not changed. See Item No. 2.

Please see attached pages.

The return receipt requested with this communication is to be deemed evidence that the bidder has received this addendum and has followed the instructions outlined therein.



*M. Drainville*, P.E., BCEE  
 \_\_\_\_\_  
 Marc R. Drainville



ITEM NO. 1.

Specification 00050 – Invitation to Bid

- A. DELETE the first paragraph in its entirety, and REPLACE with the following:

“Sealed bids for General Contractors for the construction of the Water Pollution Control Facility Improvements – Phase 1 for the Town of Wareham MA will be received at the Water Pollution Control Facility (WPCF), 6 Tony’s Lane, Wareham, Massachusetts, Attn: Guy Campinha, Director of Water Pollution Control until 2:00 p.m. local time on May 13, 2021 and at that place and time will be publicly opened and read aloud. All bids will be valid only when accompanied by a current certificate of eligibility and updated statement (Form CQ3) issued by the Division of Capital Asset Management (DCAM), showing that the General Bidder has the classification of Sewage and Water Treatment Plants.”

ITEM NO. 2.

Section 00400 – Form for General Bid

- A. DELETE Section 00400 in its entirety and REPLACE with the attached Bid Form.

ITEM NO. 3.

Section 01026 – Lump Sum Items (Bid Item Descriptions)

- A. DELETE Section 01026 in its entirety and REPLACE with the attached Section 01026.

ITEM NO. 4.

Section 02733 – Water Well Drilling, Development, Pumps, and Testing

- A. ADD at the end of Paragraph 1.01:

“C. Equipment in this specification shall only be provided under the construction for Bid Alternate No. 2.”

ITEM NO. 5.

Section 11381 – Odor Control Systems

- A. ADD at the end of Paragraph 1.01:

“C. Equipment in this specification shall only be provided under the construction for Bid Alternate No. 1.”

ITEM NO. 6.

Section 17400 – Flow Meters (Magnetic Type)

- A. TABLE 17400-1 SCHEDULE OF MAGNETIC FLOW METERING EQUIPMENT: In the second row of the table, ADD “Alternate No. 2” at the end “Ground Water Well Flow”.



ITEM NO. 7.

Drawing C002 – Site Plan – Proposed

- A. In the area of the Odor Control work ADD “ALTERNATE NO. 1” after the callout “ACTIVATED CARBON ODOR CONTROL SYSTEM”.
- B. In the area of the Odor Control work ADD “ALTERNATE NO. 1” after the callout “18” FRP DUCT”.
- C. In the area of the Groundwater Well work ADD “ALTERNATE NO. 2” after the callout “GROUNDWATER WELL”.
- D. ADD to the end of the Notes.
  - “6. ALTERNATE NO. 1 INCLUDES WORK ASSOCIATED WITH THE ODOR CONTROL SYSTEM INCLUDING THE ODOR CONTROL SYSTEM AND EQUIPMENT PAD, ODOR CONTROL OEM AND PAD, FRP DUCTWORK AND DUCTWORK SUPPORTS, AND GRAVEL DRIVEWAY SERVING THE ODOR CONTROL AREA.”
  - 7. ALTERNATE NO. 2 INCLUDES WORK ASSOCIATED WITH THE GROUNDWATER WELL INCLUDING THE GROUNDWATER WELL AND ELECTRIC STARTER AND EQUIPMENT PAD, YARD HYDRANT, AND UNDERGROUND PIPING TO WITHIN 5 FEET OF THE EXTERIOR WALL OF THE FILTER BUILDING.”

ITEM NO. 8.

Drawing C003 – Site Plan – Proposed Layout and Grading Plan

- A. PARTIAL SITE PLAN – FILTER BUILDING: ADD “ALTERNATE NO. 2” after the callout “2” YARD HYDRANT WITH VALVE AND VALVE BOX”.
- B. PARTIAL SITE PLAN – FILTER BUILDING: ADD “ALTERNATE NO. 2” after the callout “3” HDPE W”.
- C. PARTIAL SITE PLAN – WELL: ADD on the site plan:
  - “NOTE: ALL WORK ON THIS PARTIAL PLAN IS ASSOCIATED WITH ALTERNATE NO. 2, WHICH INCLUDES WORK ASSOCIATED WITH THE GROUNDWATER WELL INCLUDING THE GROUNDWATER WELL AND ELECTRIC STARTER AND EQUIPMENT PAD, YARD HYDRANT, AND UNDERGROUND PIPING TO WITHIN 5 FEET OF THE EXTERIOR WALL OF THE FILTER BUILDING.”
- D. PARTIAL SITE PLAN – EQUALIZATION TANK AND ODOR CONTROL: In the area of the Odor Control work ADD “ALTERNATE NO. 1” after the callout “ODOR CONTROL SYSTEM”
- E. PARTIAL SITE PLAN – EQUALIZATION TANK AND ODOR CONTROL: In the area of the Odor Control work ADD “ALTERNATE NO. 1” after the callout “18” FRP, AIR”
- F. PARTIAL SITE PLAN – EQUALIZATION TANK AND ODOR CONTROL: ADD on the site plan:
  - “NOTE: ALTERNATE NO. 1 INCLUDES WORK ASSOCIATED WITH THE ODOR CONTROL SYSTEM INCLUDING THE ODOR CONTROL SYSTEM AND EQUIPMENT PAD, ODOR



CONTROL OEM AND PAD, FRP DUCTWORK AND DUCTWORK SUPPORTS, AND GRAVEL DRIVEWAY SERVING THE ODOR CONTROL AREA.”

ITEM NO. 9.

Drawing C004 – Proposed Partial Site and Yard Piping Plan – Filter Building

- A. PARTIAL SITE PLAN AND YARD PIPING PLAN – FILTER BUILDING: ADD on the site plan:

“NOTE: ALTERNATE NO. 2 INCLUDES WORK ASSOCIATED WITH THE GROUNDWATER WELL INCLUDING THE GROUNDWATER WELL AND ELECTRIC STARTER AND EQUIPMENT PAD, YARD HYDRANT, AND UNDERGROUND PIPING TO WITHIN 5 FEET OF THE EXTERIOR WALL OF THE FILTER BUILDING.”

ITEM NO. 10.

Drawing C005 – Proposed Partial Site and Yard Piping Plan – Equalization Basin No. 5 & Distribution Box No. 3

- A. PARTIAL SITE PLAN AND YARD PIPING PLAN – EQUALIZATION BASIN NO. 5 AND DISTRIBUTION BOX NO. 3: ADD on the site plan:

“NOTE: ALTERNATE NO. 1 INCLUDES WORK ASSOCIATED WITH THE ODOR CONTROL SYSTEM INCLUDING THE ODOR CONTROL SYSTEM AND EQUIPMENT PAD, ODOR CONTROL OEM AND PAD, FRP DUCTWORK AND DUCTWORK SUPPORTS, AND GRAVEL DRIVEWAY SERVING THE ODOR CONTROL AREA.”

ITEM NO. 11.

Drawing C901 – Miscellaneous Details - II

- A. WELL PUMP DETAIL 1: ADD “ALTERNATE NO. 2” under the title.

ITEM NO. 12.

Drawing M101 – Equalization Basin No. 5 – Upper Plan

- A. In the area of the Odor Control work ADD “ALTERNATE NO. 1” after the callout “ODOR CONTROL SYSTEM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS”.
- B. Near the FRP Duct connection to the odor control covers, ADD “FRP DUCT AND SUPPORTS UPSTREAM OF THE FLANGE CONNECTION IS PART OF ALTERNATE NO. 1. SEE NOTE 8 (TYP)” after the callout “18” FLANGED CONNECTION”.
- C. At 20” air intakes, ADD “SEE NOTE 9” to the end of the leader “20” FLANGED FRP AIR INTAKE WITH FRP BACKDRAFT DAMPER, TYP” in two (2) locations.
- D. GENERAL NOTES: ADD to the end of the General Notes.

“8. FRP DUCT AND SUPPORTS UPSTREAM OF THE TWO FLANGE CONNECTIONS ARE PART OF ALTERNATE NO. 1. INCLUDE DUCT FROM THE COVER TO THE FLANGE



CONNECTION AS PART OF THE BASE BID. INCLUDE TWO 18” BLIND FLANGES AS PART OF THE BASE BID.

9. THE BACKDRAFT DAMPER FOR BOTH 20” FRP AIR INTAKE IS PART OF ALTERNATE NO. 1. UNDER BASE BID, DO NOT PROVIDE A BACKDRAFT DAMPER AT EITHER 20” FRP AIR INTAKE.”

ITEM NO. 13.

Drawing M102 – Equalization Basin No. 5 - Sections

- A. EQUALIZATION BASIN NO. 5 SECTION A: ADD to the end of the callout “18” FLANGED CONNECTION, (TYP)” in two places, “SEE NOTE 8”.
- B. EQUALIZATION BASIN NO. 5 SECTION B: ADD to the end of the callout “18” FLANGED CONNECTION, (TYP)”, “SEE NOTE 8”.
- C. EQUALIZATION BASIN NO. 5 SECTION B: At 20” air intake, ADD “SEE NOTE 9” to the end of the leader “20” FLANGED FRP AIR INTAKE WITH FRP BACKDRAFT DAMPER, TYP”.
- D. GENERAL NOTES: ADD to the end of the General Notes.

“8. FRP DUCT AND SUPPORTS UPSTREAM OF THE TWO FLANGE CONNECTIONS ARE PART OF ALTERNATE NO. 1. INCLUDE DUCT FROM THE COVER TO THE FLANGE CONNECTION AS PART OF THE BASE BID. INCLUDE TWO 18” BLIND FLANGES AS PART OF THE BASE BID.

9. THE BACKDRAFT DAMPER FOR 20” FRP AIR INTAKE IS PART OF ALTERNATE NO. 1. UNDER BASE BID, DO NOT PROVIDE A BACKDRAFT DAMPER AT 20” FRP AIR INTAKE.”

ITEM NO. 14.

Drawing M201 – Filter Building Basement – Upper Piping Plan

- A. FILTER BUILDING BASEMENT – UPPER PIPING PLAN: ADD to the end of the callout “3” HDPE PLW FROM WELL”, “SEE NOTE 3”.
- B. SHEET GENERAL NOTES: ADD to the end of the Sheet General Notes.

“3. WITH THE EXCEPTION OF THE MAG METER FE-4920, 3” PVC PLW WITHIN THE FILTER BUILDING AND TO WITHIN 5 FEET OF THE EXTERIOR FILTER BUILDING WALL IS INCLUDED IN THE BASE BID.”

ITEM NO. 15.

Drawing M204 – Filter Building Basement – Sections II and Detail

- A. FILTER BUILDING SECTION A: ADD to the end of the callout “3” HDPE X 3” PVC FLANGE ADAPTOR”, “SEE NOTE 7”.
- B. FILTER BILDING SECTION A: ADD to the end of the callout “3” FLANGED MAG METER”, “ALTERNATE NO 2”.



C. SHEET GENERAL NOTES: ADD to the end of the Sheet General Notes.

“7. WITH THE EXCEPTION OF THE MAG METER FE-4920, 3” PVC PLW WITHIN THE FILTER BUILDING AND TO WITHIN 5 FEET OF THE EXTERIOR FILTER BUILDING WALL IS INCLUDED IN THE BASE BID. THE HDPE X PVC FLANGE ADAPTER IS PART OF ALTERNATE NO. 2. PROVIDE PVC PLUG OR BLIND FLANGE ON THE EXTERIOR PLW AS PART OF THE BASE BID”

ITEM NO. 16.

Drawing M300 – Headworks Building – Partial Plan and Section and Odor Control – Plan and Section

- A. ODOR CONTROL SYSTEM - PLAN: ADD under the plan title “ALTERNATE NO. 1”.
- B. ODOR CONTROL SYSTEM - SECTION: ADD under the section title “ALTERNATE NO. 1”.
- C. SHEET KEYNOTES: ADD after the title “SHEET KEYNOTES”, “ALTERNATE NO. 1.”

ITEM NO. 17.

Drawing E005 – Electrical Partial Site Plan

- A. ELECTRICAL PARTIAL SITE PLAN: At ductbank B-B as it exits the Filter Building, ADD leader “ALTERNATE NO. 2”.
- B. ELECTRICAL PARTIAL SITE PLAN: In area for well pump, GWP-4915 ADD text “ALTERNATE NO. 2” under leaders “WELL PUMP CONTROL PANEL HOUSEKEEPING PAD”, “WELL PUMP STARTER CONTROL PANEL ON MOUNTING STAND”, and “WELL PUMP, GWP-4915”.
- C. ELECTRICAL PARTIAL SITE PLAN: In odor control area, ADD text “ALTERNATE NO. 1” under leader “EQUALIZATION BASIN 5 ODOR CONTROL SYSTEM SEE SHEET E100 FOR ELECTRICAL WORK”.
- D. DUCTBANK SECTION B-B: ADD text “ALTERNATE NO. 2” below DUCTBANK SECTION B-B title.

ITEM NO. 18.

Drawing E100 – Equalization Basin 5 Plan

- A. DUCTBANK F-F: Under callout for 2”C for Odor Control Signal, ADD note “CONDUIT IS BASE BID AND WIRING IS ALTERNATE NO. 1”
- B. DUCTBANK G-G: Under callout for 2”C for Odor Control 480V Power, ADD note “CONDUIT IS BASE BID AND WIRING IS ALTERNATE NO. 1”
- C. EQUALIZATION BASIN 5 PLAN: In area of odor control, ADD text “ALTERNATE NO. 1” under leaders “ODOR CONTROL BLOWER, OCB-2436”, “2”Cw/3#12’s, 1#12G (BLOWER 480 POWER), and 4#14’s (PRESSURE, SPARE)”.
- D. EQUALIZATION BASIN 5 PLAN: In area of odor control, under leader “ODOR CONTROL SYSTEM CONTROL PANEL, OCP-2435. (FURNISHED BY ODOR CONTROL SYSTEM



PROVIDER)” ADD text “ALTERNATE NO. 1 - FOR BASE BID, CAP CONDUITS – FOR ALTERNATE NO. 1, EXTEND CONDUITS TO CONTROL PANEL”.

ITEM NO. 19.

Drawing E101 – Equalization Basin 5 System Electrical Schematic

- A. EQ 5 BASIN ODOR CONTROL: At demarcation arrow between the Odor Control OEM CP and the ductbank to the EQ Basin 5 Control Panel, ADD text “ALTERNATE NO. 1” below arrow pointing down.
- B. EQ 5 BASIN ODOR CONTROL: For conduits between EQ Basin 5 Control panel and PLC-EQ (2 each), ADD text “CONDUIT IS PART OF THE BASE BID AND CONDUCTORS ARE PART OF ALTERNATE NO. 1” beneath the 2” conduit for odor control start and status indication and the 2” conduit for 480V power.

ITEM NO. 20.

Drawing E200 – Filter Building Basement Lower Level Plan

- A. FILTER BUILDING – BASEMENT LOWER LEVEL: In the area below the Filter Backwash Clear Well, near FIT-4920 ADD text “ALTERNATE NO. 2” below “FIT-4920” “TO LPPL-4”, and “TO CPP-1”

ITEM NO. 21.

Drawing E201 – Filter Building Basement Upper Level Plan

- A. FILTER BUILDING – BASEMENT UPPER LEVEL: In the area below the Filter Backwash Clear Well, ADD text “ALTERNATE NO. 2” under leader “WET WELL PUMP FLOWMETER FE-4920”.
- B. FILTER BUILDING – BASEMENT UPPER LEVEL: In the area below the Filter Backwash Clear Well, ADD text “ALTERNATE NO. 2” under “DUCTBANK TO WELL PUMP ADJACENT TO AERATION BASIN”

ITEM NO. 22.

Drawing E202 – Filter Building Main Level Plan

- A. FILTER BUILDING – MAIN LEVEL: At ductbank to well pump, ADD text “ALTERNATE NO. 2” under text “DUCTBANK TO WELL PUMP. SEE SHEET E005 FOR MORE DETAIL.”
- B. DUCTBANK SECTION A-A: ADD text “ALTERNATE NO. 2 – CONDUIT IS PART OF THE BASE BID AND CONDUCTORS ARE PART OF ALTERNATE NO. 2” below text for the 2” conduit for PCL-FCP2 network connection and the 3” conduit for well pump signals.

ITEM NO. 23.

Drawing E204 – Filters 4 through 6 Electrical Room – Panel Schedules

- A. PANELBOARD PPFL-3: For circuits 1, 3 and 5, ADD text “BASE BID” under text “WATER WELL PUMP, 3HP”.



ITEM NO. 24.

Drawing E210 – Plant Water Well Pump and HVAC Electrical Drawings

- A. PLANT WATER WELL PUMP (GWP-4915) ELECTRICAL DIAGRAMS: ADD under the diagram title “ALTERNATE NO. 2”.
- B. PLANT WATER WELL PUMP (GWP-4915) ELECTRICAL DIAGRAMS: In the schematic, for the  $\frac{3}{4}$ ” conduit from CPP-1, DELETE text “SEE NOTE 1” and REPLACE with “SEE NOTES 1 AND 2”.
- C. PLANT WATER WELL PUMP (GWP-4915) ELECTRICAL DIAGRAMS: In the Notes section, ADD Note 2 as follows:
  - “2.  $\frac{3}{4}$ ” CONDUIT IS PART OF BASE BID. CONDUCTORS ARE PART OF ALTERNATE NO. 2”

ITEM NO. 25.

Drawing I002 – Instrumentation Details

- A. Detail 400 MAGNETIC FLOWMETER WIRING DETAIL: In the “TYPICAL FOR” table, ADD “ALTERNATE NO. 2” after the text “FIT-4920 TO CPP-1”.



## **Attachment for Item No. 2**

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Section 00400 – Form for General Bid

BID FORM

FORM FOR GENERAL  
BIDFOR  
CONSTRUCTION OF CONTRACT NO. 2021-  
WW-01  
WATER POLLUTION CONTROL FACILITY IMPROVEMENTS –  
PHASE 1CWSRF NO. 6642  
WAREHAM, MA

THIS BID IS SUBMITTED TO:

Water Pollution Control  
Facility6 Tony's Lane  
Wareham, MA 02571

- A. The Undersigned proposes to furnish all labor and materials required for Water Pollution Control FacilityImprovements – Phase 1 (project) in Wareham, Massachusetts, in accordance with the accompanying plans and specifications prepared by GHD Inc. for the contract price specified below, subject to additions and deductions according to the terms of the specifications.
- B. This bid includes addenda numbered \_\_\_\_\_ to \_\_\_\_\_
- C. The proposed contract price is \_\_\_\_\_ dollars  
(\$ \_\_\_\_\_). Total of Base Bid (Items A and B)  
and Alternate 1 and Alternate 2 (Items C and D).

**For the Base Bid - Items A and B:**

The proposed contract price is \_\_\_\_\_ dollars  
(\$ \_\_\_\_\_).

**For Alternate No. 1 (Odor Control System) – Item C:**

ADD: \_\_\_\_\_ dollars  
(\$ \_\_\_\_\_).

**For Alternate No. 2 (Groundwater Well) – Item D:**

ADD: \_\_\_\_\_ dollars  
(\$ \_\_\_\_\_).

BID FORM

D. Subdivision of Proposed Contract Price and Alternates Price

1. The subdivision of the proposed Base Bid is as follows:

**ITEM A.** The work of the General Contractor, being all work other than that covered by Items B, C, and D.

\$ \_\_\_\_\_ and consisting of the following:

Bid Item No. 1 Mobilization (max 5% of Bid Items 2 and 3):

\$ \_\_\_\_\_

Bid Item No. 2 Modification to the Wareham WPCF:

\$ \_\_\_\_\_

Bid Item No. 3 Stipulated Procurement Price for Denitrification Filters:

\$ 780,385.00

Total Item A: (Sum of Bid Item No. 1 through Bid Item No. 3):

\$ \_\_\_\_\_

**ITEM B.** Sub-bids as follows:

Sub-trade	Name of Sub-bidder	Amount	Bonds required, (indicate by "Yes" or "No")
F-1: Masonry	_____	\$ _____	_____
F-2: Misc. and Ornamental Iron	_____	\$ _____	_____

Total of Items A and B: \$ \_\_\_\_\_

In words: \_\_\_\_\_

BID FORM

2. The subdivision of Alternate 1 (Odor Control System) is as follows:

**ITEM C.** The work of the General Contractor, being all work other than that covered by Items A, B and D.

\$ \_\_\_\_\_

In words: \_\_\_\_\_

3. The subdivision of Alternate 2 (Groundwater Well) is as follows:

**ITEM D.** The work of the General Contractor, being all work other than that covered by Items A, B and C.

\$ \_\_\_\_\_

In words: \_\_\_\_\_

The undersigned agrees that each of the above named sub-bidders will be used for the work indicated at the amount stated, unless a substitution is made. The undersigned further agrees to pay the premiums for the performance and payment bonds furnished by sub-bidders as requested herein and that all of the cost of all such premiums is included in the amount set forth in Item 1 of this bid.

The undersigned agrees that if he is selected as general contractor, he will promptly confer with the awarding authority on the question of sub-bidders; and that the awarding authority may substitute for any sub-bid listed above a sub-bid filed with the awarding authority by another sub-bidder for the sub-trade against whose standing and ability the undersigned makes no objection; and that the undersigned will use all such finally selected sub-bidders at the amounts named in their respective sub-bids and be in every way as responsible for them and their work as if they had been originally named in this general bid, the total contract price being adjusted to conform thereto.

E. The undersigned agrees that, if he is selected as general contractor, he will within five days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this bid and furnish a performance bond and also a labor and materials or payment bond, each of a surety company qualified to do business under the laws of the commonwealth and satisfactory to the awarding authority and each in the sum of the contract price, the premiums for which are to be paid by the general contractor and are included in the contract price; provided, however, that if there is more than 1 surety company, the surety companies shall be jointly and severally liable.

The undersigned hereby certifies that he is able to furnish labor that can work in harmony withall other elements of labor employed or to be employed on the work; that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and that he will comply fully with all laws and regulations applicable to awards made subject to section 44A.

The undersigned hereby certifies that the proposed Project Manager and proposed Superintendent whose resumes are attached to this bid will be assigned to this project in their respective roles and becommitted full-time to this project. Should either the Project Manager or Superintendent be unavailable at the start of or at any time during the Contract, the qualifications of the replacement Project Manager or Superintendent will be presented to the Owner for acceptance, and that the

## BID FORM

Owner reserves the right to reject the replacement.

The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

### F. Bidder Acknowledgements (SRF Requirements)

1. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. The time period for holding bids, where Federal approval is not required is 30 days, Saturdays, Sundays and legal holidays excluded, after the opening of bids and where Federal approval is required, the time period for holding bids is 30 days, Saturdays, Sundays and holidays excluded after Federal approval.
2. Bidders must fully comply with Subpart C of 2 CFR Part 180 and 2 CFR Part 1532, entitled Responsibilities of Participants Regarding Transactions (Doing Business with Other Persons). Contractors, subcontractors, or suppliers that appear on the Excluded Parties List System at [www.epls.gov](http://www.epls.gov) are not eligible for award of any contracts funded by the Massachusetts State Revolving Fund.
3. If Contract is awarded, successful Bidder will submit a Payment Bond in the amount of 100% of the total contract price.
4. If Contract is awarded, successful Bidder will submit a Performance Bond in the amount of 100% of the total contract price.
5. Bidder agrees that the Work will be substantially completed and ready for final payment in accordance with paragraphs 14.04 and 14.07 of the General Conditions and Supplementary Conditions within the number of calendar days indicated in the Agreement. The time of completion of this contract is 340 calendar days for Substantial Completion after the date contained in the Notice to Proceed, and 400 calendar days for completion and final payment.
6. Bidder accepts the provisions of the Agreement as to liquidated damages. Liquidated damages specified in this contract are \$1,900.00 per day for each calendar day beyond the Substantial Completion date that Work remains uncompleted plus any costs incurred by the Owner as result of penalties assessed or costs incurred to defend or renegotiate the consent order contained in Appendix G of the Supplementary Conditions and \$850.00 per day for each calendar day beyond the date for completion and final payment plus any costs incurred by the Owner as result of penalties assessed or costs incurred to defend or renegotiate the consent order contained in Appendix G.
7. Contract award shall be based upon lowest bid for base work if no alternate work will be performed. If alternate work will be performed, the Contract award shall be based upon the lowest bid for the sum of base work and one or more alternates with the Town considering alternates in ascending numerical sequence, such that no single alternate shall be considered unless every alternate preceding it on the list has been added to the base bid (per Chapter 149 44G (B)).
8. All aspects of this project are SRF eligible.

BID FORM

G. Attachments to this Bid

The following documents are submitted with and made a condition of this Bid:

1. Bid Form
2. Required Bid Security in the form of a Bid Bond or certified check, or money order
3. Massachusetts DEP Certification Statement Regarding State Taxes, Equal Employment Opportunity, Non-Debarment, and Non-Collusion
4. Certification: American Iron and Steel Compliance
5. Statement of Intent to Comply (MassDEP Diesel Retrofit Program)
6. Massachusetts DEP Certification OSHA Training
7. Proposal Form Affidavit
8. Certification: Division of Capital Asset Management for GC
9. MBE/WBE/DBE SRF Forms
10. Certification: Division of Capital Asset Management for HVAC
11. Certification: Division of Capital Asset Management for Electrical / Instrumentation

Date \_\_\_\_\_

\_\_\_\_\_  
(Name of General Bidder)

By \_\_\_\_\_  
(Printed Name of Person Signing Bid and Title)

By \_\_\_\_\_  
(Signature of Person Signing Bid and Title)

\_\_\_\_\_  
(Business Address)

\_\_\_\_\_  
(City and State)

## **Attachment for Item No. 3**

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01026 – Lump Sum Items

SECTION 01026  
LUMP SUM ITEMS  
(BID ITEM DESCRIPTIONS)

PART 1 GENERAL

1.01. SECTION INCLUDES

- A. Price make-up.
- B. Elements of Bid Item Description page.
- C. List of lump sum items.
- D. Bid Item Descriptions - Attached pages.

1.02. PRICE MAKE-UP

- A. Lump sum prices bid by Contractor are deemed to be full compensation for all required labor, products, tools, equipment, plant, transportation, testing, inspection, services, incidentals, administrative procedures, applicable taxes, permit fees, overhead, profit, and other miscellaneous expenses.

1.03. ELEMENTS OF BID ITEM DESCRIPTION PAGE

- A. Identification of lump sum item, as set forth in the Bid Form.
- B. Brief statement of work involved in the item.
- C. Listing of components of work which make-up the item including reference to the Section(s) covering each component.
- D. Cross-references to associated work not included in the item.



1.04. LIST OF LUMP SUM ITEMS -  
 CONTRACT NO. 2021-WW-01 WPCF IMPROVEMENTS – PHASE 1

Bid Item No. and Title		Bid Item Description Number
1	Mobilization	BI-1
2	Modification to the Wareham WPCF	BI-2
3	Stipulated Procurement Prices for Denitrification Filters	BI-3
<u>ALTERNATES</u>		
A-1	Odor Control System	A-1
A-2	Groundwater Well	A-2
<u>FILED SUB BIDS</u>		
F-1	Masonry	F-1
F-2	Miscellaneous and Ornamental Iron	F-2

1.05. BID ITEM DESCRIPTIONS

- A. Bid Item Description pages are attached at the end of this Specification section.

PART 2 PRODUCTS

Not used.

PART 3 EXECUTION

Not used.

END OF SECTION

BID ITEM DESCRIPTION

BI-1

LUMP SUM ITEM

BID ITEM 1

MOBILIZATION

- A. DESCRIPTION Under this item, the General Contractor shall furnish all materials, labor, tools, and construct the work as called for in the Contract Documents and as outlined below.
- B. WORK INCLUDED UNDER THIS ITEM Mobilization
- C. ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM All other Bid Items.  
Mobilization for filed subbids shall be included in Bid Items F-1 and F-2 and not included in this Bid Item.
- D. METHOD OF PAYMENT In accordance with MassDEP Policy Memorandum No. PM-7, payment for this Item shall not exceed 5 percent of the total amount of the Bid. For this project payment for this item shall not exceed 5 percent of the General Contractor's portion of the Base Bid work.  
Payment will be made on a lump sum basis in accordance with the Contractor's Schedule of Values which shall include, as a minimum, all items listed herein under "B" broken down into sufficient detail for Engineer to adequately review progress payment amounts. Refer to Section 01019 for details.

BID ITEM DESCRIPTION

BI-2

LUMP SUM ITEM

BID ITEM 2

WPCF MODIFICATIONS – GENERAL CONTRACTOR

- A. DESCRIPTION Under this item, the General Contractor shall furnish all materials, labor, tools, and construct the work as called for in the Contract Documents and as outlined below.
- B. WORK INCLUDED UNDER THIS ITEM Work not included under other bid items including:  
All Work included under the non-technical provisions of the Project Manual.  
All Work included under Division 1  
All Work included under Division 2  
Concrete Formwork (Section 03100)  
Concrete Reinforcement (Section 03200)  
Concrete Joints and Accessories (Section 03250)  
Cast-in-Place Concrete (Section 03300)  
Liquid Tightness Test for Concrete Structures (Section 03301)  
Concrete Finishes (Section 03350)  
Concrete Curing and Protection (Section 03370)  
Precast Concrete Wet Wells and Vaults (Section 03482)  
Grout (Section 03600)  
Structural Steel Framing (Section 05120)  
Miscellaneous Fabrications (Section 05500) – excluding aluminum handrails, aluminum ladders, metal stairs, and metal grating. Also excludes the furnishing of metal bollards, and includes the installation of bollards including concrete and covers.  
Concrete and Masonry Anchors (Section 05505) – excluding those required for masonry work.  
Railing Systems (Section 05520) – excluding aluminum rail systems.  
Grating and Floor Plank (Section 05531) – excluding aluminum floor grating, aluminum / metal floor planks, and metal stair treads.  
All Work included under Division 6  
All Work included under Division 7  
All Work included under Division 8  
All Work included under Division 9  
All work included under Division 10  
All work included under Division 11 except as included under Bid Items 3.  
All work included under Division 13

All work included under Division 14  
All work included in Division 15  
All work included in Division 16  
All work included in Division 17  
All Contract Drawings Not Included in the Scope of Other Bid Items.  
Earthwork and concrete work in accordance with Division 2 and Division 3 in order to accommodate electrical work as detailed on the Electrical (E) or Instrumentation (I) Drawings, and HVAC work on the HVAC (H) Drawings.

C. ASSOCIATED WORK  
NOT INCLUDED UNDER  
THIS ITEM

Work excluded in the listing above.  
All other Bid Items.

D. METHOD OF PAYMENT

Payment will be made on a lump sum basis in accordance with the Contractor's Schedule of Values which shall include, as a minimum, all items listed herein under "B" broken down into sufficient detail for Engineer to adequately review progress payment amounts. Refer to Section 01019 for details.

BID ITEM DESCRIPTION

BI-3

LUMP SUM ITEM

BID ITEM 3

STIPULATED PROCUREMENT PRICES FOR DENITRIFICATION FILTERS

- A. DESCRIPTION Under this item, the General Contractor shall furnish all materials for denitrification filters as called for in the Contract Documents and as outlined below.
- B. WORK INCLUDED UNDER THIS ITEM Purchasing and Delivery (F.O.B.) of Equipment, Shop Drawing Submittal and Approval, Manufacturer O&M Manuals, Shop Testing, Shop Painting, Spare Parts, Packaged Controls, Manufacturer's Site Visits to Review Installation and Review Startup and Train Operators in O&M Procedures (as Defined in Individual Equipment Sections), Manufacturer Warranty from Time of Substantial Completion, all as Specified in Individual Equipment Specification Items for:  
Denitrification Filters (Section 11400) as relates to the furnishing, testing, and acceptance of the filter equipment.  
Equipment – General (Section 01640) as it relates to Manufacturer's Services in association with equipment supplied under Section 11400.
- C. ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM Receipt and Storage of Equipment on Site, Insurance, Installation (including Fasteners, Supports, and Piping), Electrical Interconnections and Electrical Accessories for Power and Controls, Field Painting, Contractor Testing and Startup Procedures, Troubleshooting, Standard Contractor Guarantees/Warranties, and One-Year Guarantee Period Services (all are part of Bid Item 2), and all other Bid Items.
- D. METHOD OF PAYMENT Payment will be made on a lump sum basis in accordance with the Contractor's Schedule of Values which shall include, as a minimum, all items listed herein under "B" broken down into sufficient detail for Engineer to adequately review progress payment amounts. Refer to Section 01019 for details.

BID ITEM DESCRIPTION

A-1

LUMP SUM ITEM

BID ITEM A-1

ALTERNATE 1: ODOR CONTROL SYSTEM

- A. DESCRIPTION Under this item, the General Contractor shall furnish all materials, labor, tools and construct improvements to the Odor Control System as called for in the Contract Documents and as outlined below:
- B. WORK INCLUDED UNDER THIS ITEM Specification sections related to Alternate No. 1 work include, but not limited to, the following:
- Division 1, Division 2, Division 3, Division 5, Division 7, Division 9, Division 10, Division 15, Division 16 and Division 17 as they relate to other work in this bid item.
  - Odor Control Systems (Section 11381)
  - OEM Panels (Section 11990) as it relates to work in this bid item.
- Contract Drawings showing Alternate No. 1 work include, but not limited to, the following:
- Civil / Site work as identified on Drawings C002, C003, C005.
  - Mechanical work as identified on M101, M102, and M300.
  - Electrical Work as identified on Drawings E005, E100 and E101
  - Associated details for the above-referenced drawings as it relates to other work in this bid item
  - Applicable notes, details and other aspects of G003 and G004 in support of the above listed Drawings.
- C. ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM All other Bid Items.
- D. METHOD OF PAYMENT Payment will be made on a lump sum basis in accordance with the Contractor's Schedule of Values which shall include, as a minimum, all items listed herein under "B" broken down into sufficient detail for Engineer to adequately review progress payment amounts. Refer to Section 01019 for details.

ALTERNATE 2: GROUNDWATER WELL

- A. DESCRIPTION 

Under this item, the General Contractor shall furnish all materials, labor, tools and construct improvements to the Groundwater Well as called for in the Contract Documents and as outlined below:
  
- B. WORK INCLUDED UNDER THIS ITEM 

Specification sections related to Alternate No. 2 work include, but not limited to, the following:

  - Division 1, Division 2, Division 3, Division 5, Division 7, Division 9, Division 10, Division 15, Division 16 and Division 17 as they relate to other work in this bid item.
  - Water Well Drilling, Development, Pumps, and Testing (Section 02733)
  - OEM Panels (Section 11990) as it relates to work in this bid item.

Contract Drawings showing Alternate No. 2 work include, but not limited to, the following:

  - Civil / Site work as identified on Drawings C002, C003, and C004.
  - Mechanical work as identified on M201 and M204.
  - Electrical Work as identified on Drawings E005, E200, E201, E202, E204, and E210.
  - Instrumentation work as identified on I002.
  - Associated details for the above-referenced drawings as it relates to other work in this bid item
  - Applicable notes, details and other aspects of G003 and G004 in support of the above listed Drawings.
  
- C. ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM 

All other Bid Items.
  
- D. METHOD OF PAYMENT 

Payment will be made on a lump sum basis in accordance with the Contractor’s Schedule of Values which shall include, as a minimum, all items listed herein under “B” broken down into sufficient detail for Engineer to adequately review progress payment amounts. Refer to Section 01019 for details.

BID ITEM DESCRIPTION

F-1

LUMP SUM ITEM

BID ITEM F-1

MASONRY

- |   |   |
|---|---|
| A. DESCRIPTION                                  | A subcontractor may file a sub-bid for this item. Under this item, the subcontractor shall provide masonry work as detailed below.  |
| B. WORK INCLUDED UNDER THIS ITEM                | See Section 04001 Paragraph 1.00 for a complete list of specifications and drawings.  |
| C. ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM | All other Bid Items.  |
| D. METHOD OF PAYMENT                            | Payment will be made on a lump sum basis in accordance with the Contractor's Schedule of Values which shall include, as a minimum, all items listed herein under "B" broken down into sufficient detail for Engineer to adequately review progress payment amounts. Refer to Section 01019 for details. |



BID ITEM DESCRIPTION

F-2

LUMP SUM ITEM

BID ITEM F-2

MISCELLANEOUS AND ORNAMENTAL IRON

- |   |   |
|---|---|
| A. DESCRIPTION                                  | A subcontractor may file a sub-bid for this item. Under this item, the subcontractor shall provide miscellaneous and ornamental iron work as detailed below.  |
| B. WORK INCLUDED UNDER THIS ITEM                | See Section 05001 Paragraph 1.00 for a complete list of specifications and drawings.  |
| C. ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM | Work and products related to Section 05531 Article 2.01.A. All other Bid Items.   |
| D. METHOD OF PAYMENT                            | Payment will be made on a lump sum basis in accordance with the Contractor's Schedule of Values which shall include, as a minimum, all items listed herein under "B" broken down into sufficient detail for Engineer to adequately review progress payment amounts. Refer to Section 01019 for details. |