

**ANNE ARUNDEL COUNTY  
DEPARTMENT OF PUBLIC WORKS  
MAYO WRF PHASE I IMPROVEMENTS  
CONTRACT NO. S769712  
PROJECT NO. S769700  
ADDENDUM NO. 1**

**January 23, 2012**

To Bidders:

This Addendum No. 1 is hereby made a part of the Contract Documents on which the Contract will be based, and is issued to modify, explain and/or correct the original Contract Documents. Please attach this Addendum to your Contract Documents and submit bids and be otherwise governed accordingly. Receipt of this Addendum must be acknowledged on Page A4-3 of the Bid Proposal Form.

The following items are included in Addendum No. 1:

- Changes to Contract Specifications;
- Changes to Contract Drawings;
- Pre-Bid Meeting Minutes, and
- Bid Document Inquiries.

**CHANGES TO CONTRACT SPECIFICATIONS:**

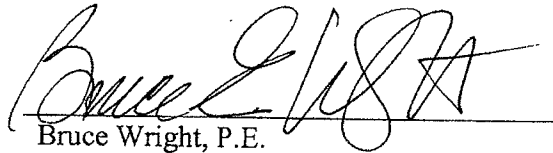
1. Special Provisions, SP-13, second paragraph, **REPLACE** “within 75 days of Notice to Proceed.” with “within 75 days of date of Notice to Proceed, except for the Prestressed Concrete Equalization Tanks, which shall be submitted by CONTRACTOR to ENGINEER within times specified in Specification Section 13202.”
2. Special Provisions, SP-14(o), **DELETE** “taking existing facilities off-line;” **REPLACE** “liquids and solids” with “liquids, sludge, and solids;” and **REPLACE** “Solids removed” with “Sludge and solids removed.”
3. Special Provisions, SP-14(cc), **REPLACE** “During shutdown periods the Contractor shall be responsible for powering all existing equipment, or to provide process and electrical and equipment for the plant.” with “During shutdown periods the Contractor shall be responsible for powering all existing equipment.”
4. Specification Section 01380, Part 1.03.D, **DELETE** paragraph 3.
5. Specification Section 01380, **DELETE** Part 1.01.A.
6. Specification Section 01380, **DELETE** Part 1.02.
7. Specification Section 01380, **REPLACE** “1.03 COSTS OF PHOTOGRAPHY” with “1.04

**COSTS OF PHOTOGRAPHY.”**

8. Specification Section 01380, Part 3.03.C, **DELETE** “(including the aerial photo and negatives).”
9. Specification Section 13202, Part 1.06.C.1, **REPLACE** “At a minimum of 10 days prior to Bid Date” with “Within 30 days after the date of Notice to Proceed.”
10. Specification Section 13202, Part 1.06.D.1, **REPLACE** “within 30 days after execution of contract” with “within 30 after the date of Notice to Proceed.”

**CHANGES TO CONTRACT DRAWINGS:**

1. Drawing C-007, Note 16, **REPLACE** “SUDDUTH’S WAY” with “THE 40’ ACCESS EASEMENT.”
2. Drawing C-002, **REPLACE** the label “DEMOLISH EXISTING FENCELINE (REFER TO DWG-003 FOR NEW FENCELINE LOCATION)” with “DEMOLISH EXISTING FENCELINE (REFER TO DWG-003 FOR NEW FENCELINE LOCATION). PROVIDE FENCE AS NEEDED DURING CONSTRUCTION TO SECURE THE MAYO WRF.”



Bruce Wright, P.E.  
Engineer Administrator of Technical Engineering



## MINUTES OF MEETING

**PRE-BID MEETING  
MAYO WRF PHASE I IMPROVEMENTS  
CONTRACT NO. S769712, PROJECT NO. S769700  
GHD No. 8614228**

January 23, 2012

The Pre-bid meeting for the Mayo WRF Phase I Improvements Project was held on Thursday, January 11, 2012 at 9:00 am. The attendees are listed on the sign-in sheet.

The following is a summary of the meeting.

<b>Agenda Item and Description</b>	
1.	Sign-in/Introductions: <ul style="list-style-type: none"><li>a. Sharon Cole is the Anne Arundel County DPW Project Manager.</li><li>b. Steve Burzenski is the Anne Arundel County DPW Engineer Manager.</li><li>c. Michael Oppelt is the project manager from the A/E, GHD.</li></ul>
2.	Project Location – 551 Pure Water Way, Edgewater, MD 21037
3.	Contract Timeline <ul style="list-style-type: none"><li>a. Contract Time – 548 days</li><li>b. Expected Award – May 2012</li><li>c. Expected NTP – May 2012</li></ul>
4.	Liquidated Damages - \$1,500 per calendar day
5.	Scope of Project The Work includes the following major items: New Main Pump Station, Equalization Tanks, UV System, New Electrical Room, Electrical Modifications, Demolition, Yard Piping, and Site Work.
6.	Items of Interest <ul style="list-style-type: none"><li>a. SP-03: Note the staging/storage area shown on the drawings. No other space on-site will be allowed.</li><li>b. SP-14: The Sequence of Construction and Special Requirements should be reviewed for the project requirements.</li><li>c. SP-14.u: The Contractor shall maintain emergency back-up power supply to equipment.</li><li>d. SP-14 z: No piping connections to new structures shall be allowed until a minimum of 45 days following completion of major structural and masonry components to allow initial</li></ul>

<b>Agenda Item and Description</b>	
	<p>settling.</p> <p>e. SP-14.aa: The Owner responsible to switchover flow between 10-inch and 16-inch Influent Force Mains to allow the Contractor to tie-in new piping to the existing piping. The Contractor is allowed eight hours to complete the tie-in work.</p> <p>f. SP-14.cc: During shutdown periods the Contractor shall be responsible for powering all existing equipment.</p> <p>g. SP-19: The Contractor shall secure final issuance of the Miscellaneous Structure Building Permit. Refer to Spec 13202 for additional information. No work at the site by anyone for the Flow Equalization Tanks, including earthwork, can begin until the final issuance of the Miscellaneous Structure Building Permit.</p> <p>h. SP-29: Site access only through the main plant entrance on Pure Water Way. Use of the road behind existing Main Pump Station shall not be permitted.</p> <p>i. SP-35: Electronic Communication Requirements are detailed in SP-35.</p>
7.	<p><b>Permits</b></p> <p>The Grading Permit and Building Permits are the responsibility of the Owner, except as described in Specification Section 13202 for the Building Permit. The Notice of Intent for Stormwater Discharge During Construction will be transferred to the Contractor. All other permits are the responsibility of the Contractor.</p>
8.	<p><b>Concurrent Contacts</b></p> <p>No other contracts are expected at this time to be ongoing at the Mayo WRF during the Mayo WRF Phase I Improvements Project.</p> <p><i>After the Pre-Bid Meeting, it was noted that SP-37 lists two projects that may be in construction. One project will be completed soon, and the other is in the early planning stage.</i></p>
9.	<p><b>Bid Opening:</b> February 7, 2012, 1:30 PM in the office of the Purchasing Agent, 3rd Floor, 2660 Riva Road, Annapolis, MD 21401.</p>
10.	<p><b>Site Visit:</b> 10:00 a.m. following the pre-bid meeting</p> <p><i>After the Pre-Bid Meeting, it was determined a second site visit will be held on Tuesday, January 24, 2012 at 9:30 am. Attendees should park along the road near the Main Pump Station at the end of the main plant road.</i></p>
11.	<p>After this meeting, all questions must be submitted in writing to Sharon Cole (Email: pwcole01@aacounty.org Fax: 410-222-7939). Questions will be taken up to and including January 31, 2012 (This is a correction to the date shown on the meeting agenda). Questions and</p>

## Agenda Item and Description

appropriate answers will be forwarded to all pre-bid meeting attendees and other plan holders.

### 12. Questions during the Pre-bid Meeting:

a. Question: **What are the permit requirements?**

Answer: *The Grading Permit and Building Permits are the responsibility of the Owner, except as described in Specification Section 13202 for the Building Permit. The Notice of Intent for Stormwater Discharge During Construction will be transferred to the Contractor. All other permits are the responsibility of the Contractor.*

b. Question: **What are the work hours?**

Answer: *Work hours are listed in the Contract Specifications as 6:00 am to 2:30 pm, Monday through Friday. No deliveries or work is allowed on County Holidays or Service Reduction Days. County Holidays are shown on the Standard Specifications and Service Reduction Days are shown on the County web site.*

c. Question: **Are there wage rate requirements?**

Answer: *No, the project is not state funded.*

d. Question: **Are there MBE requirements?**

Answer: *The County strongly encourages M/S/WBE subcontractors.*

e. Question: **How will the contingent unit prices be used to determine the lowest Bidder?**

Answer: *The total bid price will be used to determine the lowest Bidder.*

f. Question: **When is Notice to Proceed expected to be issued?**

Answer: *The Notice to Proceed is expected to be issued as soon as the Purchase Order is issued. The Purchase Order can be expected to be issued one month after the Contract is signed.*

g. Question: **Is site work limited by the issuance of the building permit?**

h. Answer: *Refer to Specification Section 13202.*

i. Question: **Can non-prime contractors submit questions?**

Answer: *Anyone can submit written questions.*

*These minutes are meant as an overview of all pertinent discussions conducted at this meeting. Any suggested revisions should be forwarded to the GHD Bowie Office in writing within ten (10) days of receipt or these minutes shall stand as written.*

### Attachments:

Pre-Bid Meeting Agenda  
Pre-Bid Meeting Sign-in Sheet

cc: Attendees  
File



ANNE ARUNDEL COUNTY  
*Department of Public Works*

Pre-Bid Meeting Agenda

Date: January 12, 2012  
Project Name: Mayo WRF Phase 1 Improvements  
Project Number: S769700  
Proposal Number: S769712

1. Introduction of Project Team
  - a. County
  - b. Designer – GHD
  - c. Construction Manager - TBA
2. Project Location – 551 Pure Water Way, Edgewater, MD 21037
3. Contract Timeline
  - a. Contract Time – 548 days
  - b. Expected Award – May 2012
  - c. Expected NTP – May 2012
4. Liquidated Damages - \$1,500 per calendar day
5. Scope of Project
6. Items of Interest
7. Permits
8. Concurrent Contracts
9. Bid Opening: February 7, 2012, 1:30 PM in the office of the Purchasing Agent, 3<sup>rd</sup> Floor, 2660 Riva Road, Annapolis, MD 21401.
10. Site Visit: 10:00 a.m. following the pre-bid meeting.
11. Questions
12. After this meeting, all questions must be submitted in writing to Sharon Cole (Email: [pwcole01@aacounty.org](mailto:pwcole01@aacounty.org) Fax: 410-222-7939). Questions will be taken up to and including January 21, 2012. Questions and appropriate answers will be forwarded to all pre-bid meeting attendees and other plan holders.



ANNE ARUNDEL COUNTY  
**Department of Public Works**

Pre-Bid Meeting Sign-In

Date: January 12, 2012  
 Project Name: Mayo WRF Phase 1 Improvements  
 Project Number: S769700  
 Proposal Number: S769712

	Name	Affiliation	Street Address	Email Address	Phone No.
1	Jack Wilding	Bilbrough's Electric	25289 South Lady Darden, MD	jackabilbrough@ electric.com	410 479-4215
2	Jim Merrell	Bearing	Sudlersville MD	jim@bearing construction .net	410-556-6100
3	Ken Johns	Free-con	4310 Prince William Pkwy Suite 200 Wood Bridge Va 22192	kjohns@freecon.com	703 586 6100
4	John Brennan	DN TANKS/ NATGUN	11 TEAL RD WAKEFIELD, MA 01880	JBRENNAN@ NATGUN.COM	781-224 -5142
5	Bill Lort	Goettner Const.	7410 Goettner Rd Kingsville MD 21087	blort.goettner@ conconst.net	410-592-7700
6	Tom Attiel	CH Attiel Elect	10485 Theoden Green Dk White Plains Md 20625	tattiel@chattiel .com	301 820 3700
7	Sharon Cole	AA County DPW	2662 Riva Rd Annapolis, MD 21401	pwcole@ aa-county.org	410 222 7976
8	Michael Baker	TW Associates	23404 Haycocks Rd Georgetown MD	TW ASSOCIATES @VERIZON.NET	301 475-5747
9	Dave Levine	Corman Construction	12001 Guilford Rd Annapolis, Junction	dlevine@ cormanconstruction.com	301-343- 5417

Steve Burzenski DPW

2662 RIVA RD  
ANNAPOLIS, MD

sburzenski@  
aa-county.org

410-202-7558

	Name	Affiliation	Street Address	Email Address	Phone No.
10	Scott Austin	Whiting-Turner	300 E. Joppa Rd Baltimore MD 21286	Scott.austine@whiting-turner.com	410-337 5839
11	Howard Brown	Thompson Pump	7527 Montevideo Road. Jessup, MD 20794	hbrown@thompsonpump.com	240-566-8331
12	Michael Oppelt	GHA	16701 Melford Blvd Suite 330 Bowie, MD 20715 207	michael.opelt@gha.com	240 206 6834
13	John Barry	CBS Electrical	1650 Crofton Blvd #15 Crofton Md 21114	Jbarry4cbs@aol.com	410 451 8853
14	Ray Schummer	Schummer Inc	1249 Central Ave East Navy, Md. 21106	Schummerinc@aol.com	410-956- 8080
15	Bruce Cheney	Envirep	3705 Trindle Rd. Camp Hill PA 17011	bcheney@envirep.com	410-877- 1582
16	Richard NORAIR	NORAIR ENG, CR20	337 BRIGHTSEA RD LAWDOR, MD 20785	RNORAIR@NORAIR.COM	301 499 - 2202
17	CORY SCOTT	AMERICAN INFRASTRUCTURE	PO BOX 276 Ft. SPAN MD 21047	cory.scott@amysdc.com	410 879 3055
18	Nick Fipping	NEB General Contractors	4066 Holland Blvd. Chesapeake VA. 23323	<del>estimating@neb.com</del> estimating@nege.com	757-467-5858
19	KETH ANDREWS	VELDYER	11721 VANDERBILT RD MITCHELLVILLE, MD	Kandrews@veldyer.com	301 430-2000
20	Paul Rosol	CORMAN	12001 Guilford Rd Annapolis Junction MD	PROSOL@CORMANINC.COM	301-453-0900
21	Steven Duddle	Preload Inc	60 Commerce Dr. Hempstead, NY 11758	sjd@preloadinc.com	<del>570-686-2930</del> 570 686-2930



## BID DOCUMENT INQUIRIES

**MAYO WRF PHASE I IMPROVEMENTS  
CONTRACT NO. S769712, PROJECT NO. S769700  
GHD No. 8614228**

January 23, 2012

The following questions were received for the Mayo WRF Phase I Improvements Project. The responses are listed after each question.

1. **Question:** Please accept this email as Corman Construction Company's formal request for a bid time extension of two (2) weeks. Since the project was advertised or available during the holidays we are in need more time to prepare the bid.

*Answer: The bidding dates will not be changed.*

2. **Question:** Regarding SP-12 please provide additional clarification of conditions for re-submittal and provide a cost value for additional submittal review charges.

*Answer: Costs to be charged are based on the time spent by the Engineer for reviews.*

3. **Question:** Regarding SP-14 please provide additional clarification and the location on the drawings of the special provisions conditions (aa) stated below.

aa- CONTRACTOR RESPONSIBLE FOR LINE STOPS:

1- OWNER IS RESPONSIBLE FOR SWITCHOVER FLOW ON THE 16-INCH MAYO COLLECTION SYS INFLUENT FORCE MAIN TO THE EXISTING 10-INCH MAYO COLLECTION SYS INFLUENT FORCE MAIN TO ALLOW THE CONTRACTOR TO TIE-IN NEW PIPING TO THE EXISTING PIPING. TIME CONSTRAINT 8 HOURS CONVEY CONTENTS TO THE MAIN PUMP STATION INFLUENT WET WELL.

2- OWNER IS RESPONSIBLE FOR SWITCHOVER FLOW ON THE 10-INCH MAYO COLLECTION SYS INFLUENT FORCE MAIN TO THE EXISTING 16-INCH MAYO COLLECTION SYS INFLUENT FORCE MAIN TO ALLOW THE CONTRACTOR TO TIE-IN NEW PIPING TO THE EXISTING PIPING. TIME CONSTRAINT 8 HOURS CONVEY CONTENTS TO THE MAIN PUMP STATION INFLUENT WET WELL. (IF THE OWNER IS NOT ABLE TO SWITCH THE 10-INCH TO 16-INCH MAIN - THEN THE CONTRACTOR WILL UTILIZE THE CONTINGENT UNIT PRICE ITEM FOR LINE STOPS, TAPPING SLEEVES, TEMPORARY BYPASS PIPING, VALVES, MATERIALS, EQUIPMENT AND LABOR NECESSARY AFTER WRITTEN AUTHORIZATION FROM THE ENGINEER.

*Answer: Contractor shall submit proposed location to County for review and comment.*

4.	<p><b>Question:</b> Regarding SP-9, b, c, and d - what is the permit cost for Anne Arundel County sites of borrow pit that maybe used in the project.</p> <p><b>Answer:</b> <i>The cost will depend on the site. Contact Anne Arundel County Inspections and Permits at (410) 222-7700 for further information.</i></p>
5.	<p><b>Question:</b> Regarding Drawing W-006: Please have the Engineer provide a sectional view of the influent wet well - north wall - showing the 14" emergency shellfish storage pipe penetration and overflow stand pipe configuration.</p> <p><b>Answer:</b> <i>Refer to Plan View on Contract Drawing M-006.</i></p>
6.	<p><b>Question:</b> Regarding Drawing W-006: Please have the Engineer provide a sectional view of the Effluent Wet Well - West wall - showing the 12" Plant Effluent wall penetration, based on invert elevation of the 18" HDPE line 17 - pipe profile "O" of 13.75 the 12" therefore penetrate the roof of the wet well and exit the West wall at center line elevation 13.75. Is this assumption correct? If so is this feasible with the Effluent Pump Room finish floor elevation at 18.50?</p> <p><b>Answer:</b> <i>Refer to Contract Drawing W-006 and C-006.</i></p>
7.	<p><b>Question:</b> Regarding specification 13202.1.06C: which states that "or Equals" Tank Manufacturers must qualification packages a minimum of 10 days prior to bid date. This seems unreasonable, if "or equals" are allowed then submittal of qualification should be permissible post bid. Please clarify.</p> <p>Regarding 13202.2.01.B "any or equals" who submits a bid must submit supporting evidence with their bid. This contrary to 1.06C and also seems unreasonable to burden the bid submission package with a submittal plus would disapproval of or equal make the bid unresponsive? Post bid submission of supporting documentation that the manufacturer meets or exceeds the stated qualification would be reasonable. Please clarify.</p> <p><b>Answer:</b> <i>See Addendum 1.</i></p>
8.	<p><b>Question:</b> Regarding 13202.1.06.D.8 Contractor must submit tank drawings for permitting. What will the Building Permit No. B02268275 cost and what is the expected approval time for the permit after submission? For what reasons are restrictions placed on GC to start earthwork contingent to this permit? Please clarify.</p> <p><b>Answer:</b> <i>There is no cost for submittal of the Building Permit No. B02268275. Review time for each submittal iteration is two to three weeks. The tank manufacturer is to design the tank foundation and structural plans. The building permit cannot be issued until the design is submitted and approved.</i></p>
9.	<p><b>Question:</b> SP-02 What State and Federal coordination that has not already been done by the engineer is the Contractor expected to do under this requirement?</p> <p><b>Answer:</b> <i>Contractor shall coordinate as needed to complete the work.</i></p>

10. <b>Question:</b>	SP-14 Paragraph O appears to make the contractor responsible for "taking existing facilities offline" which would include operating existing equipment and valves. This is in direct conflict with paragraph K which indicates only treatment plant staff will be permitted to operate existing equipment. Which is correct?  <i>Answer: Refer to Addendum 1.</i>
11. <b>Question:</b>	SP-14 Paragraph Z requires a minimum of 45 Days pipe connection restriction at any "major structural and masonry components to allow initial settling to occur". As proper piping procedure is to run piping from point A to point B, this requirement could stop all pipe work inside or outside of the structure for the noted duration and since there are several "major structural and masonry components" on the project it could cause substantial delays to the work. Please define which structures are considered "major structural and masonry components" and has the time allotted for these month and a half delays been factored into the contract duration?  <i>Answer: Special Provisions, SP-14 (z) refers to new structures. Time has been allocated in the Contract duration.</i>
12. <b>Question:</b>	SP-14 Paragraph BB indicates in several subparagraphs that certain equipment must pass a 3 day clear water test. Is this clear water test over and above the 14 day reliability test required on the equipment or do the 3 days count toward the total of 14 days?  <i>Answer: Refer to Special Provisions, SP-28.</i>
13. <b>Question:</b>	SP-19 Is the County permits office ready to issue the "Miscellaneous Structures Building Permit" #B02269275 immediately after NTP? If not, what additional information is needed and are there any fees the county is expecting the contractor to pay?  <i>Answer: Refer to Question 8 above.</i>
14. <b>Question:</b>	SP-28 Of the nine (9) process subsystems listed, can more than one sub-system be running the fourteen (14) day reliability test simultaneously?  <i>Answer: Yes.</i>
15. <b>Question:</b>	Page SP-40, SP-32 (d) 13. Is the intent of this paragraph for the contractor to hire a 24/7 security guard service?  <i>Answer: No.</i>
16. <b>Question:</b>	01310.1.05 As copies of the scheduling software are very expensive, does the owner really need two (2) licensed copies?  <i>Answer: Provide as specified.</i>

17.	<b>Question:</b> 01310.2.03 As a Time impact Analysis of a change may cost several thousand dollars, is there a dollar limit for which this analysis must be done or will those cost be added regardless of the change amount?
	<b>Answer:</b> <i>Cost of a time impact analysis will not be included in a change order amount.</i>
18.	<b>Question:</b> 01380.1.01.A As Aerial photographs are very expensive, does the county really need these. If so, how many times after conditional acceptance must they be taken?
	<b>Answer:</b> <i>See Addendum 1.</i>
19.	<b>Question:</b> 01380.1.03.D Is the County really interested in paying for and keeping two (2) prints of every view of the major item which could result in over 400 pictures when they could be viewed as needed on the CD's being supplied?
	<b>Answer:</b> <i>See Addendum 1.</i>
20.	<b>Question:</b> 01420.1.04.B No "Special Inspections" travel cost appear to be anticipated for this project per the "Statement of Special Inspections". Is that correct? If not, what is anticipated.
	<b>Answer:</b> <i>The Contractor shall determine if travel costs are needed based on the location of selected suppliers.</i>
21.	<b>Question:</b> 02131.1.01.A Where will Sludge and Grit need to be removed and what quantity should the contract base his bid?
	<b>Answer:</b> <i>Sludge and Grit will be need to be removed from the existing Main Pump Station wet well. The expected quantity will not exceed 3,000 gallons.</i>
22.	<b>Question:</b> 02220.03.B.4 With the site access time restrictions, minimal site area available, sub grade testing requirements, and the volume of work to be performed in a deep excavation where only limited excavation equipment can be utilized, this requirement is impossible. Will the contractor be allowed to work overtime into the night and, if so will the owner have its testing representative on site immediately to test the sub grade. Also, will a change order be written for the contractor to perform this overtime work again if the sub grade test fails and has to be cut down?
	<b>Answer:</b> <i>Refer to the entire paragraph in Specification Section 02220.03.4. It is the Contractor's responsibility to include and determine means and methods.</i>
23.	<b>Question:</b> 02512.01.5 With the State Water Discharge permit process taking several months, will the owner withhold the NTP until this permit has been obtained or will a time extension be issued for this unknown time delay?
	<b>Answer:</b> <i>The NTP will not be delayed for the Contractor to obtain the discharge permit.</i>
24.	<b>Question:</b> 02738.2.01 Will the county allow on site water sources be used for structure testing or do they want to pay to have water trucked in?
	<b>Answer:</b> <i>Plant effluent can be used for testing purposes.</i>

25. **Question:** Please clarify the Odor Control Filter construction reference drawing Soil Odor Filter Details W-015:

Provide dimensions of the Filter, timber sizes, etc.

*Answer:* Please review Contract Specification Section 11231 and Contract Drawing W-015, Detail PS/S4-1.

26. **Question:** Please clarify the chart on page 14602-8, 3.05 Schedule of Hoisting Equipment, specifically the column for track elevation above floor. There are two sets of elevations stated in the column for each piece of equipment. What are these dimensions?

*Answer:* Please review Contract Drawing S-005, Section A and Contract Drawing S-009, Section A.

27. **Question:** I am writing to ask if it is necessary to have an Anne Arundel Co. Utility Contractors' license in order to bid the above referenced project.

*Answer:* No, not for this project.