

January 22, 2016

Addendum No. 1
to
Term Agreement for Water Main Construction
Districts One through Six

DWM PROJECT NOS: 16-601, 16-602, 16-603, 16-604, 16-605, 16-606
SPECIFICATION NOS: 134562, 134564, 134565, 134566, 134567, 134568

For which bids will be opened in the office of the Department of Procurement Services Bid and Bond Room, City Hall, Room 103, 121 N. LaSalle Street, Chicago, Illinois 60602, on January 28, 2016 at 11:00 a.m., Central Time.

BIDDER WILL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM
IN THE SPACE PROVIDED ON THE PROPOSAL PAGE

- **The Bid Opening date has been postponed from January 28, 2016 to February 9, 2016.**

- **Book 3: Technical Specifications**

- 1) Specification 01-11-10; Part 1.1, paragraph.A.a

Delete: Para A.a. (delete current paragraph)

- 2) Specification 01-20-00; BID ITEM 112, paragraph 3.a.

Delete: Work under this Bid Item No. 112 Rock Excavation shall be supplementary only to work under Item No. 120 Water Main Installed in Open Cut. No other line items can be considered supplementary to this Bid Item No. 112; no other related line items or duplicate quantities will be paid.

Replace with: Work under this Bid Item No. 112 Rock Excavation shall be supplementary only to those line items which include excavation. However, Bid Item No. 160a Special Soils Waste Excavation and Disposal will not be considered supplementary to this Bid Item No. 112; no other related line items or duplicate quantities will be paid.

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- 3) Specification 01-20-00; BID ITEM 160, paragraph 3.a.

Delete: Work under this Bid Item No. 160 Special Soils Waste Excavation and Disposal shall be supplementary only to work under Item No. 120 Water Main Installed in Open Cut. No other line items can be considered supplementary to this Bid Item No. 160; no other related line items or duplicate quantities will be paid.

Replace with: Work under this Bid Item No. 160a Special Soils Waste Excavation and Disposal shall be supplementary only to those line items which include excavation. However, Bid Item No. 112 Rock Excavation will not be considered supplementary to this Bid Item No. 160a; no other related line items or duplicate quantities will be paid.

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- 4) "Specification 33-05-22; 3.4 Existing Catch Basins, paragraph C.

Delete: The Contractor must install flow restrictors in all existing / proposed catch basins within the project limits (area of pavement resurfacing). Three inch (3") diameter plastic vortex type restrictors must be installed in the residential streets, whereas the same without swirl chamber must be installed in the arterial streets. The Department of Water Management will supply the restrictors, which can be obtained at the Department of Water Management's Central District, located at 3901 S. Ashland Avenue.

Replace with: The Contractor must install flow restrictors in all new / proposed catch basins. Three inch (3") diameter plastic vortex type restrictors must be installed in the residential streets, whereas the same without swirl chamber must be installed in the arterial streets. The Department of Water Management will supply the restrictors, which can be obtained at the Department of Water Management's Central District, located at 3901 S. Ashland Avenue.

- 5) "Specification 33-39-13; 3.5 Catch Basins Flow Restrictors, paragraph A.

Delete: The Contractor must install flow restrictors in all existing/proposed catch basins within the project limits (area of pavement resurfacing). Three inch (3") diameter plastic vortex type restrictors must be installed in the residential streets, whereas the same without swirl chamber must be installed in the arterial streets. The Department of Water Management, Sewer Section will supply the restrictors, which can be obtained at the Department of Water Management's Central District, located at 3901 S. Ashland Avenue.

Replace with: The Contractor must install flow restrictors in all new / proposed catch basins. Three inch (3") diameter plastic vortex type restrictors must be installed in the residential streets, whereas the same without swirl chamber must be installed in the arterial streets. The Department of Water Management will supply the restrictors, which can be obtained at the Department of Water Management's Central District, located at 3901 S. Ashland Avenue.

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- 6) Specification 01-20-00; BID ITEM 124, paragraph 2.g.

Delete: The following fittings of the type and size shown on the Drawings are included in this Bid Item: two (2) D.I. MJ Tees, one (1) D.I. MJ Cap, two (2) D.I. Transition Sleeves or MJ Sleeves as required.

Replace with: The following fittings of the type and size shown on the Drawings are included in this Bid Item: two (2) D.I. MJ Tees, one (1) D.I. MJ Bend, one (1) D.I. MJ Cap, two (2) D.I. Transition Sleeves or MJ Sleeves as required.

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- 7) Specification 01-20-00; BID ITEM 124, paragraph 2.n.

Delete: The size of the connections shown on the following table will be paid based on the size of the proposed Tee to be installed. Any additional reducers or increasers will be paid under Bid Item No. 125.

Replace with: The size of the connections listed in Items 124a to 124g in the table below will be paid based on the following: The first size number correlates to the size of the new pipe and valve between the two water mains. The second size number correlates to the size of the run on the new tee that connects into the existing water main. Any additional reducers or increasers will be paid under Bid Item No. 125.

- 8) Districts 2 through 6: Book 2, Section: Schedule of Prices; BID ITEM 241d – Polymerized Hot-Mix Asphalt Surface Course, Mix “F”, N90, PG 70-22, under “Description”

Delete: Polymerized Hot-Mix Asphalt Surface Course, Mix “F”, N90, PG 70-22

Replace with: Polymerized Hot-Mix Asphalt Surface Course, **Mix “E”**, N90, PG 70-22

- 9) Specification 01-20-00; BID ITEM 241.

Add: Measurement for Payment for ECO-BAM High Recycle Mix (Bid Item 241m):

HOT-MIX ASPHALT PAVING with ECO-BAM High Recycle Mix will be measured per TON of ECO-BAM High Recycle Mix asphalt pavement placed, for all Work which includes:

- a. Saw cutting to full pavement depth, excavating, hauling and disposing of surplus earth and crushed stone surface fill down to the proposed sub-grade level, per CDOT Standards.
 - b. Providing steel plating over any open excavated area and sub-base.
 - c. Preparing the sub-grade and additional excavation required, per CDOT Standards and in accordance with Section 32 12 16 – Asphalt Pavement.
 - d. Providing tack coat, prime coat and prime coat aggregate.
 - e. Furnishing and placing ECO-BAM High Recycle Mix (Bid Item 241m) asphalt base course to a thickness as directed by the Commissioner, and other materials as necessary for complete hot-mix asphalt pavement installation.
 - f. QC / QA in accordance with Section 32 12 16 – Asphalt Pavement.
 - g. Method of placement will be by machine or hand method. Final product must meet requirements in accordance with Section 32 12 16 – Asphalt Pavement.
3. Measurement Verification:

Measured tonnage of ECO-BAM High Recycle Mix hot-mix asphalt course placed are to be verified by load tickets for up to one hundred five (105) percent of the tonnage as calculated using the yield of one hundred ten (110) pounds per square yard inch and as determined by the Commissioner.

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- 10) Districts 2 through 6: Book 2, Section: Schedule of Prices; BID ITEM 144a - 8-Inch or 12-Inch Connection to 24-Inch – Remove and Replace Existing Tapping Connection Sleeve, under “Description”

Delete: 8-Inch or 12-Inch Connection to 24-Inch – Remove and Replace Existing Tapping Connection Sleeve

Replace with: 8-Inch or 12-Inch Connection to 24-Inch to 30-Inch – Remove and Replace Existing Tapping Connection Sleeve

- 11) Districts 2 through 6: Book 2, Section: Schedule of Prices; BID ITEM 144b -8-Inch or 12-Inch Connection to 36-Inch – Remove and Replace Existing Tapping Connection Sleeve, under “Description”

Delete: 8-Inch or 12-Inch Connection to 36-Inch – Remove and Replace Existing Tapping Connection Sleeve

Replace with: 8-Inch or 12-Inch Connection to 36-Inch to 42-Inch – Remove and Replace Existing Tapping Connection Sleeve

- 12) District 2: Book 2, Section: Schedule of Prices; BID ITEM 226 – Winter Protection of New Concrete, under “Unit of Measure”

Delete: SY

Replace with: SF

- 13) District 3: Book 2, Section: Schedule of Prices; BID ITEM 125 – Fittings Not Shown on Drawings, under “Bid Item No.”

Delete: 125a

Replace with: 125

- 14) District 3: Book 2, Section: Schedule of Prices; BID ITEM 230b – Reconstruction of Manhole, Catch Basin, Valve Basin or Inlet, under “Unit of Measure”

Delete: EA

Replace with: VLF

- **Questions and Answers:**

Note: Questions and answers apply to all 2016 Water Main Districts One through six of the Bid Documents.

1. Can bid items be established for work that is now considered incidental? These expenses are considerable and can easily be defined and verified, but cannot be determined in advance.
 - a. Bond costs for IDOT.
 - b. Costs for Railroad Protective Liability Insurance for the CTA.

No for both a and b. See Book 1 Section XVIII “Insurance, Indemnity, and Bonds” and Book 2, Section “Contract Insurance Requirements”, Paragraph A5.

2. Will the expense of CTA flagmen and inspectors be reimbursed?

If provisions for these items are not included within the Contract Documents and determined to be eligible for reimbursement, the contractor shall submit all documentation in advance for Commissioner’s review and approval prior to obtaining respective permit(s) or beginning construction. The City will review these on a case by case basis, since these costs may vary depending on site and suborder work scope.

3. If the pre-construction soils investigation finds contaminated soil and there also is underlying rock, is the rock also considered contaminated? A CCDD facility will not take any material if it contains even a small amount of contaminated material.

No. See Bid Item 112 Rock Excavation and Bid Item 160 Special Soils Waste Excavation and Disposal (Book 3, Specification 01.20.00).

4. The permit process with CDOT has grown more complicated. Will the milestone dates be based on the date that a “Digger” has been obtained after receiving a permit?

No. Milestone dates are established in each Suborder NTP, and milestone production rates are based on Table A in Book 2, Section “Proposal”, page 20. Time extensions may be granted under conditions indicated in Book 1, Section XI “Schedule”.

5. The longest milestone for pipe line construction is based on a project over 2500 feet in length. Will other higher categories be established to handle those few projects which are much longer than 2500’?

No. Milestone production rates shall be based on Table A in Book 2, Section “Proposal”, page 20. Time extensions may be granted under conditions indicated in Book 1, Section XI Schedule.

6. The specifications dictate that 8 soil borings be taken per project. On those few long projects, this can result in borings being over 500 feet apart. Can an additional bid item be added for additional borings that can be used on longer projects?

No. Soil boring locations are part of Contractor’s means and methods.

7. Typical water service installation requires only a few feet of service line to be installed. These “short” services typically do not require additional saw cutting. Can an additional line item be added when the length of the new service requires crossing to the other side of the street.

No. Saw cutting is incidental to Bid Item 143 (Book 3, Specification 01.20.00).

8. Can line items be added to the “124” and “140” series for side and tee connections to 20” main?

No. Work performed under each respective bid item will be paid as indicated in Book 3, Specification 01.20.00. Fittings not included within that respective bid item provision(s) will be paid as additional fitting(s) under Bid Item 125.

(Example One of a line item 124 payment: A new 8" water main is being installed with 8" side connection piping, an 8" side connection valve, and connected to an existing 6" water main using a 8" (run) x 8" (branch) tee, a length of 8" ductile iron pipe and 2 – 8" x 6" reducers. Payment will be made under line item 124a – 8-Inch Side Connection to 16-Inch and Smaller Water Main, and the reducers paid under line item 125)

(Example Two of a line item 124 payment: A new 12" water main is being installed with 12" side connection piping, a 12" side connection valve, and connected to an existing 16" water main using a 12" (run) x 12" (branch) tee, a length of 12" ductile iron pipe and 2 – 12" x 16" reducers. Payment will be made under line item 124b – 12-Inch Side Connection to 16-Inch and Smaller Water Main, and the reducers paid under line item 125)

9. Some projects, by design, have small gaps in the construction which then require multiple chlorinations. Can a "per each" item be added to cover each chlorination?

No. Chlorination is incidental to Bid Item 120 (Book 3, Specification 01.20.00).

10. To simplify payment, can contaminated soils be paid by the ton instead of by the cubic yard?

No. Bid Item 160a (Book 3, Specification 01.20.00), is paid per cubic yard as measured in place and as approved by the Commissioner.

11. The valve vault frame that is specified is still not currently made. Can the specifications be amended to allow the same frame as the city water main crews currently use?

Frame and lids to be supplied as indicated in Book 3, Appendix A, Detail D-15.

12. Will a protocol be established for new water main conflicts with private drains which would eliminate the downtime caused by the RFI process?

No. The City, using its current RFI process, has responded effectively and in a timely manner, provided contractor has submitted sufficient information, promptly, for RFI review.

13. Will downtime be reimbursed when conflicts with utilities cause delays? THIS IS FOR UTILITIES NOT IDENTIFIED ON PLANS.

No. Time extensions may be granted under conditions indicated in Book 1, Section XI "Schedule".

14. Can a line item be established for "Flushing Hydrants"?

No. Temporary flushing hydrants are incidental to Bid Item 120. (Book 3, Specification 01.20.00 Bid Item 120, Paragraph 2.h).

15. Can "Traffic Control" be paid by the foot with categorizing by street type? This minimizes the problems of streets that are partially residential and part arterial.

No. Traffic Control to be paid per EACH under Bid Item 101 (Book 3, Specification 01.20.00). Type/classification of traffic control (i.e. "Residential" or "Arterial") will be determined as defined in the Contract Documents.

16. Will the need to have licensed plumbers tighten all mechanical joint bolts and mount and operate the tapping machine continue on this contract?

Yes. Reference Book 3, Specification 33.11.13 “Ductile Iron Water Pipe and Fittings” and Specification 33.12.13 “Water Services 2-Inches and Smaller”.

17. Can compensation be provided on projects where CDOT has established a start of construction of 9:00 AM?

No. Refer to contractor responsibilities indicated in Book 2, Section “Proposal”, Time of Completion, 2nd paragraph, pg 19.

18. Please provide the approved tactile material. The CDOT website lists several materials and manufacturers of cast iron tactiles.

Refer to Book 3, Appendix A for CDOT ADA standards for cast Iron detectable warning units (tactile tile).

19. If during the valve exercising prior to construction the valve begins to leak, what is the process for being paid for the repairs?

Contractor shall use care in exercising existing valves. Immediately report defective valves to DWM for repair.

20. Can bid items been added for Manholes and main line sewer?

No.

21. It is the responsibility of the contractor to “pothole” to determine the exact location of existing utilities. It is fiscally impossible to pothole every foot of the proposed alignment. Often, an alignment problem is discovered during pipe installation which results in considerable downtime. Will the city seriously consider reimbursing the costs of the downtime or the cost to de-mobilize/re-mobilize while a workable alignment is determined? Can the project plan alignment be based on actual “DIGGER” locates. This may eliminate at least some of the downtime experienced by the contractor.

No. Time extensions may be granted under conditions indicated in Book 1, Section XI “Schedule”.

22. City tow trucks are rarely available to remove cars parked in No-Parking construction areas as permitted by CDOT. Can the availability of city tow trucks be improved or can tow trucks from the city be dedicated to the water main projects?

DWM will continue to coordinate with contractors and other City departments to assist in this matter.

23. The DWM has eliminated the pre-construction videoing of the sewers that parallel the new main construction. This pre-construction video is an important tool for the contractor which is used often to determine the true location of the private drains. Will the pre-construction video work be authorized on this contract? This would help to eliminate the repair costs to the contractor and problems to building owners.

Televised sewer inspection to be as directed by the Commissioner per Bid Item 102 (Book 3, Specification 01.20.00).

24. The permits provided by CDOT require that all street plates be pinned or ramped. Will DWM continue to expect this requirement to be followed?

Plates shall be secured and ramped in accordance with Book 3, Specification 31.23.10 Paragraph I.2 “Plating of Excavations”.

25. When the specifications and the CDOT permit have conflicting requirements which will apply?

Send RFI for clarification and Commissioner's response prior to start of construction.

26. Some CDOT permits do not allow work to start until 9:00. Some even require that work stop by 3:30. Aggregate quarries close at 4:00 which requires that dump trucks be on the road before 3:00. Is there a way to compensate the contractor for shortened hours?

No. Refer to contractor responsibilities indicated in Book 2, Section "Proposal", Time of Completion, 2nd paragraph, pg 19.

27. Payment of monthly estimates is now more than 60 days past the cut-off date of the 5th of the month. For these new contracts can a system be developed to track monthly pay requests which would allow the contractor to check the status and location of the payment without constantly making calls to find out where it is in the process?

Refer to Book 1, Section XIII "Payments" for payment procedures.

28. Contrary to the contract documents, some claims for damages by city entities are being deducted directly from pay requests instead of allowing the mandated insurance procedure to be followed. Will this continue or will the contract documents be followed? Will the contractor be given a chance to make the repairs before city crews are called in?

The City provides the opportunity for contractor to make repairs on contractor defective work in accordance with Book 1, Section IV "Property" and Book 1, Section VII "Quality of Workmanship, Equipment and Materials" Part B "Correction of Work", unless the work is considered an emergency.

Under emergency conditions or at the discretion of the Commissioner, the City has the right to remedy contractor work deficiencies with set-offs in payment in accordance with Book 1, Section IV, paragraphs D and E and Book 1, Section VII "Quality of Workmanship, Equipment and Materials" Part B "Correction of Work".

29. The current "Request for Information" (RFI) process requires that field problems be first identified by the CTR inspector and contractor. Then a RFI is issued by the contractor for consideration of CTR who then presents the RFI to BES (Bureau of Engineering Services for further consideration before an answer is provided to the contractor. Many times this is a lengthy process that results in downtime for the installation crew. Is there any way to speed this process up or to pay the contractor for the downtime?

No. The City, using its current RFI process, has responded effectively and in a timely manner, provided contractor has submitted sufficient information, promptly, for RFI review.

30. When a "Boil Order" is required on the project that is not caused by the contractor, will the DWM reimburse the contractor for providing a case of drinking water to each resident?

When Boil Orders are required due to a planned event, with notification in accordance with the Contract Documents, bottled water is not required.

31. Will the project close-out procedure be improved to minimize the wait to questions posed by the contractor?

No. The City's current project closeout process is effective and conducted in a timely manner, provided contractor submits all required documentation, promptly, per the Contract Documents for a timely project closeout.

32. On this contract, when the contractor requests a meeting with the DWM, will that request be seriously considered?

All requests are considered by the Commissioner, in addition to all regularly scheduled project meetings, etc.

33. It appears that there is not a bid item for "Cold patch-Temporary Surfacing" or an item for "Hot Mix Asphalt Surface Course (Hand Method)". Depending on the availability of hot mix, will one of these items be needed on all trenches and will the work be now incidental?

It is the contractor's responsibility to maintain the trench for traffic access in accordance with provisions in Bid Item 101 (Book 3, Specification 01.20.00).

34. Will the contractor be required to provide elaborate traffic control plans on all projects in order to obtain CDOT permits?

Providing and submitting Maintenance of Traffic Plans (MOTs) are part of Contractor's responsibility in obtaining all permits in accordance with Book 1, Section "IX Permits and Licenses".

35. Paragraph 2 on Page 22 of Book 2 states that "Unit prices will be used to determine the amount to ADD TO or DEDUCT FROM contract price for any properly authorized additional or omitted work." How could work be deducted from our contract price if we have not yet performed it? For example, if there are fittings shown on the drawings that are not used will those be deducted from our total payment for the project?

This section simply states that payments will be made based on unit quantities installed.

Furthermore, the city reserves the right to make unit quantity (Add/Deduct) changes in accordance with Book 2: Section "General Description of the Work, Part D "Changes in Work", Paragraph 1, page 6: "The City, without invalidating the Sub-Order, may order changes in the Work by altering, adding to, or deducting from the Work, by issuing a revised Sub-Order Notice to Proceed."

36. Bid Items 101a & 101b are paid per EA. It seems that due to the varying lengths of the projects it would be more equitable for both the DWM and the contractor to pay for this item by the LF. For example, a suborder several thousand feet in length would be paid the same amount as a suborder 1000 feet in length. Would the DWM consider changing this pay item to be paid by the LF?

No. Traffic Control to be paid per EACH under Bid Item 101 (Book 3, Specification 01.20.00). Type/classification of traffic control (i.e. "Residential" or "Arterial") will be determined as defined in the Contract Documents.

37. In Book 3, Bid Item 101 Section 2 paragraph B states that "furnishing, installing, maintaining, and removal of temporary surfacing including hot-mix asphalt, or cold patch asphalt, or temporary maintenance stone, or plating..." is incidental to Bid Item 101. Previous versions of this same contract have included a pay item for cold patch, and almost 5,000 TON per district have been used. In most instances CDOT will not issue a permit for a full street closure so either HMA or cold patch is necessary to maintain the driving lanes for vehicular traffic during non-work hours. Would the DWM consider adding pay items for HMA temporary surface or cold patch temporary surface?

It is the contractor's responsibility to maintain the trench for traffic access in accordance with provisions in Bid Item 101 (Book 3, Specification 01.20.00).

38. In Book 3, Bid Item 124 Section 2 paragraph G calls out the incidental fittings to the side connection. Almost all side connections require the installation of a 90 degree bend but this bend is not mentioned

in the referenced paragraph. Should the 90 degree bend be considered incidental to the side connection?

Answer to this question is addressed in Addendum No 1.

39. Many local manufacturers and suppliers do not stock larger diameter (12" and above) domestically made fittings as specified in Book 3. There might arise an instance where a contractor is in the process of making a connection and realizes in the course of doing the work that a fitting other than those shown on the drawings is necessary to complete the work. If a foreign made fitting had to be used to complete the connection and restore water service would the DWM expect a credit from the contractor for the fitting used?

No. fittings shall meet the AISR provisions and requirements, see Book 3, Specification 01.11.10.

For fittings and items that do not meet AISR requirements, provisions in "waivers" and "de minimus waiver" (see AISR Specification 01.11.10, Part 1.1, Paragraphs G and H) shall apply on a case by case basis as approved by the Commissioner.

DWM will consider cost differences, and appropriate credits administered in accordance with the process outlined in Book 1, Section XIV "Changes in The Work".

40. Book 3 Section 33 11 13 Section 2.6 "Transition Sleeves" specifies acceptable manufacturers for use in transition sleeves. It might be possible that none of these suppliers can meet the AISR provisions as set forth in Section 01 11 10 of the same book. If this is the case, would a waiver of this provision be granted? If a waiver were granted, would the DWM expect a credit in return?

No. Transition sleeves shall meet the AISR provisions and requirements, see Book 3, Specification 01.11.10.

For transition sleeves and items that do not meet AISR requirements, provisions in "waivers" and "de minimus waiver" (see AISR Specification 01.11.10, Part 1.1, Paragraphs G and H) shall apply on a case by case basis as approved by the Commissioner.

DWM will consider cost differences, and appropriate credits administered in accordance with the process outlined in Book 1, Section XIV "Changes in The Work".

41. The trench details on Sheet D-8 show the minimum cover required for various sizes of water main. Generally speaking, excavation for any water main does not extend below 7' from surface including bedding stone. Book 3 Bid Item 120 Section 2 paragraph C states that trench excavation and disposal of spoils is incidental up to 8' in depth. Would it be possible to amend Bid Item 120 and Bid Item 110a so that excavation between 7' and 8' is compensated as additional work?

No. Book 3, Specification 01.20.00, Bid Item 120, Paragraph 2.c. will apply.

42. The connection items (124, 140, and 141) are split up into different sizes. Bid Items 153a and 153b do not differentiate pipe sizes. Would it be possible to split these items into two separate categories, one for pipe 16" and less and another for pipe 24" and greater? Currently a contractor would be paid the same amount to remove and reconnect a 6" pipe and fitting as he would be paid to do the same on a 48" pipe and fitting.

No. Current Bid Item 153 language applies.

43. Detail D-9 calls for the use of silica based FA-6 or FA-7 around the pipe insulation boards. The aggregate quarries closest to Chicago supply limestone FA-6. Can limestone be substituted in lieu of silica based sand?

No. Silica based sand shall be supplied in accordance with Book 3: Appendix A, Detail D-9, and Specification 33.07.00 “Insulation for Water Main Pipe and Appurtenances”, Part 2, Paragraph E.

44. The “General Description of Work” in Book 2 for District 3 states the geographical project limits for this district. There are several square miles that fall within this district that would be considered part of the “Central Business District” on the City’s website. Would the DWM consider revising these geographical limits so that no area of the CBD is included in District 3? It could result in more equitable unit prices for both the city and the contractor.

No. The current stated District 3 project area limits shall apply.

45. Book 3 Item #160 Special Soils Waste Excavation and Disposal, Method of Payment a. states” Work under this bid item No. 160 Special Soils Waste Excavation and Disposal shall be supplementary only to work under Item No. 120 Water Main Installed in Open Cut. No other line items can be considered supplementary to this Bid Item No. 160; no other related line items or duplicate quantities will be paid.” This reads to me that we will not be paid special soils for any item other than the mainline pipe. For example if we put a hydrant in, in a special soils area, we will not be paid item 160 and item 123. Is this correct? The same question applies to connections, water services, sewer services outside the trench, etc. Please clarify, as there is no way to know how many hydrant, services, connections will be in special soils area.

Answer to this question is addressed in Addendum No 1.

46. Book 3 Item # 112 Rock Excavation, Method of Payment a. states” Work under this bid item No. 112 Rock Excavation shall be supplementary only to work under Item No. 120 Water Main Installed in Open Cut. No other line items can be considered supplementary to this Bid Item No. 112; no other related line items or duplicate quantities will be paid.” This reads to me that we will not be paid rock excavation for any item other than the mainline pipe. For example if we put a hydrant in, in a rock excavation area, we will not be paid item 112 and item 123. Is this correct? The same question applies to, connections, water services, sewer services outside the trench, etc. Please clarify, as there is no way to know how many hydrant, services, connections will be in rock.

Answer to this question is addressed in Addendum No 1.

47. Book 3 Item #112 Rock Excavation Measurement for Payment c. states “ the handling, transport and disposal of Rock to CCDD facilities is included in this Bid Item No. 112; all permitting, fees, documentation, preparing manifests shall be considered incidental. No additional compensation will be paid.” Does rock ex need to be manifested? Or will standard dump tickets suffice? Please clarify.

No. Contractor shall submit all documentation required by disposal facilities.

48. Book 3 Item #221 Combination Curb and Gutter and Curb Type B, 2. Measurement for Payment b. states “Curb and gutter and curb type B removed during the course of water main installation or any water appurtenance installation is considered incidental to those bid items (No. 120 through 191) as applicable. This bid item 221a is not supplemental to those bid items 120 through 191.” I read this to mean any time curb and gutter is removed with the excavation limits of items 120 through 191; we will not be paid for the removal. Please clarify that we will be paid for the replacement of the curb & gutter even if the curb & gutter removal was incidental.

Correct. Curb and gutter replacement will be compensated to the length shown on plans and approved by the Commissioner, provided the existing curb and gutter was not damaged or removed by the contractor outside of the project work scope.

49. Section 13 11 13-10. Section 3.2 calls out Pipe ends, fittings, valves and hydrants must be sealed with caps or by another suitable method upon transportation from the supplier. Is this saying the contractor will put the caps or other suitable method once they receive the material at the site?
Please advise.

“3.2 TRANSPORTATION, DELIVERY AND STORAGE

A. Every precaution must be taken to prevent damage to the pipe during transportation and delivery. Pipe ends, fittings, valves and hydrants must be sealed with caps or by another suitable method upon transportation from the supplier.”

The contractor is ultimately responsible for sealing the pipe ends in accordance with paragraph 3.2 in Book 3 Specification 13.11.13 and the Contract Documents. Whether this is work is done by contractor’s material supplier(s) or contractor’s other sources, is considered part of his means and methods.

50. What is the anticipated time for award and subsequent beginning of construction for each District?

Contracts will be awarded with start dates established when contracts are executed in accordance with Contract Documents and construction will begin accordingly.

51. In Section 33 11 13 Ductile Iron Water Pipe & Fittings, 2.1 E., states: “an asphaltic seal coat is not allowed, and shall not be used.” (Interior of Pipe)

Can you provide explanation as to why and will there be any exceptions made to allow seal coat for availability issues?

No. Fittings shall be in accordance with Book 3, Specification 33.11.13 Part 2.1, Paragraph E; these specifications are in accordance with current industry standards.

52. Book 3, Section 33 11 13, 2.3 Fittings states that the interior of castings must be cement-mortar lined only. This will cause the fitting manufacturers to deviate from the normal manufacturing process for the castings and will result in increased costs to the city. It will also reduce the available stock and make acquisition of fittings on short notice more difficult, potentially delaying project schedules. Can the fittings be coated on the interior in conformance with industry standards?

No. Fittings shall be in accordance with Book 3, Specification 33.11.13 Part 2.1, Paragraph E; these specifications are in accordance with current industry standards.

53. Section 33 11 13 Ductile Iron Water Pipe & Fittings, 2.1 E., states: *Interior of the pipe must be cement mortar lined only ... an asphaltic seal coat is not allowed, and shall not be used.*

Can the City of Chicago provide reasoning for excluding an asphaltic coating on the interior of the pipe? Based on the information below, will the City of Chicago consider an alternative?

In the standard Tyler Union production process, fittings are cement lined and then dipped into a tank to provide an even asphaltic coating - inside and outside of the fitting. ANSI/AWWA C104 standard, Section 4.10 and Tyler Union both recommend the asphaltic coating on the *inside* of the fitting to aide in the proper curing of the cement mortar lining.

If the City of Chicago prefers to omit the interior coating, Tyler Union can fulfill the special request; however, it may impact availability.

No. Fittings shall be in accordance with Book 3, Specification 33.11.13 Part 2.1, Paragraph E; these specifications are in accordance with current industry standards.

54. In the past Cement Linings have always had an asphaltic coating on the cement lining to help with the curing process and ph levels. On the past contracts this has been allowed, but in the section; 33-11-13 this has changed as listed below.

DUCTILE IRON WATER PIPE AND FITTINGS
33-11-13
PART 2 - PRODUCTS
2.1 DUCTILE IRON PIPE

E. Exterior of pipe must be coated with a petroleum asphaltic material in conformance with AWWA C110, Section 10-10. Interior of pipe must be cement-mortar lined only, in accordance with AWWA C104; *an asphaltic seal coat is not allowed, and shall not be used.*

Question:

Is this how the Department of Water Management wants the material to be supplied?
What is the purpose of the change in specification?

Yes. Pipe and Fittings shall be in accordance with Book 3, Specification 33.11.13 Part 2.1, Paragraph E and Part 2.3 Paragraph E; these specifications are in accordance with current industry standards.

55. Item 241d describes the Surface Course as Mix 'E' for District 1, but Mix 'F' for Districts 2 through 6. Please confirm that Mix 'E' is only required for District 1.

Answer to this question is addressed in Addendum No 1. Mix "E" will be used in Districts 1 through 6. Mix "F" is incorrect and was a typographical error.

56. Item 241m is designated for ECO-BAM installation. What pay item will be used to pay for the excavation of the material that is removed prior to the ECO-BAM installation?

Answer to this question is addressed in Addendum No 1.

57. Is there a map of the six water main districts available to the public?

No. district boundaries are outlined in Book 2, Project Information section.

58. In terms of eco bam installation sequence, please confirm: Contractor is to install back-fill up to surface level?

Answer to this question is addressed in Addendum No 1.

59. In terms of eco bam installation sequence, please confirm: Contractor will remove that back fill to the subgrade elevation of the eco bam (7 inches below Surface Elevation) and be paid under line item 110 a? We are assuming that the other HMA Binder Items (241e thru 241k items would *not* be used in a HMA base scenario since standard paving machines can't be used in narrow trenches).

Answer to this question is addressed in Addendum No 1.

60. In terms of eco bam installation sequence, please confirm: Contractor will remove an additional 1 ft of pavement on each side of trench to the subgrade elevation of the eco bam (7 inches below Surface Elevation) and be paid under line item 227?

Answer to this question is addressed in Addendum No 1.

61. In terms of eco bam installation sequence, please confirm: Contractor then mills remainder of roadway to be repaved to a depth of 2", paid under line item 240b?

Answer to this question is addressed in Addendum No 1.

62. In terms of eco bam installation sequence, please confirm: Contractor places the 5" section of eco bam to minus 2" of the final surface elevation - paid under line item 241 m?

Answer to this question is addressed in Addendum No 1.

63. In terms of eco bam installation sequence, please confirm: Contractor places 2" Surface course and is paid under the appropriate line item 241a, b, or c?

Answer to this question is addressed in Addendum No 1.

END OF ADDENDUM No. 1

**City of Chicago
Department of Procurement Services**

**Jamie L. Rhee
Chief Procurement Officer**