



The City of **WORCESTER**

Administration & Finance – Purchasing Division
Christopher J. Gagliastro, MCPPO – Purchasing Director
455 Main Street, Room 201, Worcester, MA 01608
P | 508-799-1220
purchasing@worcesterma.gov

October 31, 2024

To All Bidders:

Subject: **Bid No. 8300-M5 – Stormwater Improvements / DSR-ARPA**

ADDENDUM NO. 3

To Whom It May Concern:

With reference to our bid request relative to the above subject, please refer to the changes/modifications/clarifications to the original proposal request.

Questioned Received by this Office & Answers from the City:

1. Q: Addendum #1 provided the Peak Flow Rates. In order to properly size the Stormwater Treatment Devices, please provide the Treatment Flow Rates for each device.

A: Everything will be sized based on Peak Flow. Please see updated sizing in updated pricing sheets (attached).

2. Q: Can you provide groundwater elevations at each of the sites? Or do you have any geotechnical/subsurface information at each of the sites?

A: The city did not perform a subsurface investigation for this project. There are well databases maintained by the state online.

3. Q: There are two different contract completion dates in the contract documents, one is September 30, the other October 30 of 2025, please clarify which is correct.

A: October 30th, 2025 is the date for Substantial Completion

4. Q: What type of pipe shall we use to connect the devices?

A: Please see Revision 1 plans, uploaded to the City Bid Page.

5. Q: Are the pipe connections made to the treatment devices considered incidental to installing the devices or will the pipe be measured separately for payment?

A: Pipe connections will be incidental to the treatment devices. Please note any alternate devices cannot have a change in elevation from inlet to outlet larger than shown on the plans. The intent of the project is to insert a new structure without chasing pipes all the way to the outfall to create flow.



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6. Q: Please clarify what types of pipe we will be connecting to at each of the work locations. Will it be Vitrified Clay, Reinforced Concrete, PVC?

A: This has been clarified in the Revision 1 plans.

7. Q: The stormwater treatment device off Quabog Street appears to be within a drainage easement, can you please clarify what bid items will cover the restoration of this easement upon completion of the work?

A: Items 128.00 & 156.00

8. Q: Existing sewer lines, water lines & drain lines are shown on the contract plans, shall we assume no other utilities are in the area of work since they are not shown?

A: This has been clarified in the Revision 1 plans.

9. Q: Can you please provide dimensional details of stormwater treatment devices as drawn so we can accurately estimate the level of effort required to complete this work?

A: This has been clarified in the Revision 1 plans.

10. Q: Can you please provide dimensional details of stormwater treatment devices as drawn so we can accurately estimate the level of effort required to complete this work?

A: Contech was consulted in the design of the project. Details for their products have been included in the revised plans. "Equal" products are allowed as long as they fit in the locations shown on the plans. Please see Contech details in the revised plans & diagrams.

11. Q: Can you please provide a list of acceptable manufacturers of the stormwater treatment devices shown on the plans?

A: Contech Diagrams / Product Details will be uploaded to the Bid Page. "Equal" products are allowed as long as they fit in the locations shown on the plans.

12. Q: Item 225.0800 & 225.1200 – Catch Basin Connections – please clarify where these connections will be made as none show on the contract documents

A: These items have been removed.

13. Q: Item 245.0000 – Granite Inlet Stone - please clarify where these will be installed as none show on the contract documents

A: This item has also been removed.

14. Q: Item 116.0000 – Excavation – please clarify where this item is scheduled to be used

A: item has been updated to include only full depth road restoration as shown on plans.



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15. Q: Can you put an RFI into the City of Worcester and ask if the listed flows for each device (4.5 cfs, 14 cfs) are treatment flow rates or maximum conveyance flow rates?

A: Everything will be sized based on Peak Flow. Please see updated sizing in Revision 1 plans.

16. Q: Suntaug Road & Sweebriar Lane - The plans call to mill and overlay these streets. However, the bid form includes an item for reclaiming. Please clarify.

A: This item has been corrected in the Revision 1 plans and pricing sheets.

17. Q: Suntaug Road- The plans call for a Storm Water Treatment Device being installed on a 21” drain line. Will the second 21” drain line also require a Storm Water Treatment Device?

A: The current plan is to only install one Stormwater Device.

General Bid Clarification:

1. Please use revised pricing sheets, attached below.
2. Plans & diagrams will be uploaded as separate files to the City Website.
3. Additional Installation Location: **Note: there is an additional unit being installed at Pinecrest Drive. Please see attached plan sheet.**
4. Traffic Control and Trench Safety: **1 lane of traffic shall be maintained at all times for traffic entering and exiting the road. Any temporary work required to facilitate this shall be incidental to the stormwater treatment device items. Any wheelchair ramps removed and reinstalled will need to be upgraded to concrete & made ADA Compliant. The trench required for installation of the structures in the road will be plated during off hours allowing for full function of the road. If the contractor plans be away from the site for more than 48hrs the plates need to be ramped with asphalt. All trenches shall be made safe on and off hours per:**
<https://www.mass.gov/doc/520cmr14trenchpdf/download> and
<https://www.osha.gov/sites/default/files/publications/osh2226.pdf>

Bidders are requested to acknowledge and/or include this addendum with submission. All other terms, conditions and specifications remain unchanged.

Very truly yours,

Stephen R. McDonald
Assistant Purchasing Director

Stormwater Infrastructure Improvements - ARPA

THE BIDDER MUST FILL IN THESE UNIT PRICES. Also carry out all extensions and fill in "Computed Totals."
In case of error or discrepancies, UNIT PRICES govern and written works take precedence over figures.

ITEM NUMBER AND DESCRIPTION		ESTIMATED QUANTITY	COMPUTED TOTALS
112.2000	TEST PITS		
	<hr/>		
	<hr/> Dollars	10.00	\$ <hr/>
	(\$ <hr/>) EA		
116.0000	EXCAVATION		
	<hr/>		
	<hr/> Dollars	250.00	\$ <hr/>
	(\$ <hr/>) CY		
118.0000	CLASS "A" ROCK EXCAVATION AND DISPOSAL		
	<hr/>		
	<hr/> Dollars	20.00	\$ <hr/>
	(\$ <hr/>) CY		
126.0000	GRAVEL BORROW		
	<hr/>		
	<hr/> Dollars	200.00	\$ <hr/>
	(\$ <hr/>) CY		
128.0000	SCREENED LOAM BORROW		
	<hr/>		
	<hr/> Dollars	50.00	\$ <hr/>
	(\$ <hr/>) CY		
130.0000	CRUSHED STONE 3/4 INCH		
	<hr/>		
	<hr/> Dollars	50.00	\$ <hr/>
	(\$ <hr/>) CY		
132.0000	CRUSHED STONE 1-1/2 INCH		
	<hr/>		
	<hr/> Dollars	50.00	\$ <hr/>
	(\$ <hr/>) CY		
156.0000	SEEDING		
	<hr/>		
	<hr/> Dollars	400.00	\$ <hr/>
	(\$ <hr/>) SY		
222.1200	TRENCH EXCAVATION AND BACKFILL, FURNISH AND INSTALL 12" RCP		
	<hr/>		
	<hr/> Dollars	16.00	\$ <hr/>
	(\$ <hr/>) LF		

Stormwater Infrastructure Improvements - ARPA

ITEM NUMBER AND DESCRIPTION		ESTIMATED QUANTITY	COMPUTED TOTALS
222.2100	TRENCH EXCAVATION AND BACKFILL, FURNISH AND INSTALL 21" RCP		
		Dollars	16.00 \$
	(\$) LF		
222.2400	TRENCH EXCAVATION AND BACKFILL, FURNISH AND INSTALL 24" RCP		
		Dollars	16.00 \$
	(\$) LF		
222.3000	TRENCH EXCAVATION AND BACKFILL, FURNISH AND INSTALL 30" RCP		
		Dollars	16.00 \$
	(\$) LF		
235.0000	CATCH BASIN FRAME & GRATE		
		Dollars	5.00 \$
	(\$) EA		
236.0000	MANHOLE FRAME & COVER		
		Dollars	17.00 \$
	(\$) EA		
245.1000	EXISTING GRANITE INLET STONE REMOVE & RESET		
		Dollars	1.00 \$
	(\$) EA		
249.0000	CATCH BASIN CLEANING		
		Dollars	5.00 \$
	(\$) EA		
250.0000	MANHOLE FRAMES, REMOVE, PLATE & RETAIN		
		Dollars	5.00 \$
	(\$) EA		
266.0850	STORM WATER TREATMENT DEVICE (8.5 CFS CAPACITY)		
		Dollars	2.00 \$
	(\$) EA		

Stormwater Infrastructure Improvements - ARPA

ITEM NUMBER AND DESCRIPTION	ESTIMATED QUANTITY	COMPUTED TOTALS
266.1100 STORM WATER TREATMENT DEVICE (11 CFS CAPACITY)		
_____ Dollars	1.00	\$ _____
(\$ _____) EA		
266.1400 STORM WATER TREATMENT DEVICE (14 CFS CAPACITY)		
_____ Dollars	1.00	\$ _____
(\$ _____) EA		
304.0300 ADJUST CURB STOP TO GRADE		
_____ Dollars	2.00	\$ _____
(\$ _____) EA		
304.0400 REPLACING 4" - 12" GATE VALVE BOX, GRAVEL BASE		
_____ Dollars	2.00	\$ _____
(\$ _____) EA		
304.0600 REMOVE AND RETAIN WATER BOX		
_____ Dollars	2.00	\$ _____
(\$ _____) EA		
403.2000 GRINDING AND MILLING 2 INCH		
_____ Dollars	800.00	\$ _____
(\$ _____) SY		
416.0000 CURB REMOVE AND RESET		
_____ Dollars	20.00	\$ _____
(\$ _____) LF		
422.1000 SUPERPAVE 9.5 MM LEVEL 2		
_____ Dollars	106.00	\$ _____
(\$ _____) TN		
422.2000 SUPERPAVE 12.5 MM LEVEL 2		
_____ Dollars	120.00	\$ _____
(\$ _____) TN		

Stormwater Infrastructure Improvements - ARPA

ITEM NUMBER AND DESCRIPTION		ESTIMATED QUANTITY	COMPUTED TOTALS
424.0000	BITUMINOUS CONCRETE DRIVEWAY & VARIOUS AREA		
	<hr/>		
	<hr/>	Dollars	15.00 \$ <hr/>
	(\$ <hr/>) TN		
430.0000	EXISTING BITUMINOUS CONCRETE DRIVEWAY REPAIR		
	<hr/>		
	<hr/>	Dollars	100.00 \$ <hr/>
	(\$ <hr/>) SY		
434.0000	SAWING PAVEMENT		
	<hr/>		
	<hr/>	Dollars	650.00 \$ <hr/>
	(\$ <hr/>) LF		
435.0000	HOT POURED RUBBERIZED ASPHALT SEALER		
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	<hr/>	Dollars	650.00 \$ <hr/>
	(\$ <hr/>) LF		
438.0000	BITUMINOUS CONCRETE BERM MACHINE PLACED		
	<hr/>		
	<hr/>	Dollars	600.00 \$ <hr/>
	(\$ <hr/>) LF		
446.1000	CLASS B CONCRETE FOR ROADWAY BASE (3,500 P.S.I. 1-1/2 520)		
	<hr/>		
	<hr/>	Dollars	2.00 \$ <hr/>
	(\$ <hr/>) CY		
900.0000	Lump Sum Reserve		
	<hr/>		
	zero and xx / 100	Dollars	\$ <hr/> 0.00

TOTAL BID PRICE INCLUDING CONTINGENCY

_____ Dollars and _____ Cents
(amount in words)

\$ _____
(amount in figures)

This proposal is based on provisions of the following addenda:

No. _____

No. _____

No. _____

No. _____

All amounts and totals given above will be subject to verification by the City. In case of variation between Unit Bid Price and Totals shown by the Bidder, the Unit Price written in words will be considered to be the bid.

The City reserves the right to reject any and all bids, wholly or in part, and to make awards in a manner deemed in the best interests of the City.

The above estimated quantities form an approximate statement of the extent of the work to be done, based upon the estimate of the Contracting Officer. The City does not expressly or by implication agree that the actual quantity of work will correspond therewith, but reserves the right to increase or decrease the quantity of any class or portion of the work, as may be deemed necessary by the Contracting Officer.