



City of Salem
93 Washington Street
Salem, MA 01970

April 20, 2022

ADDENDUM #3

City of Salem IFB No. 22-31-235

Miscellaneous Roadway Construction & Paving Projects, Salem, MA

All Bidders shall acknowledge this Addendum #3 with their bid submittal.

Notification #1:

All bidders are hereby notified that the submittal deadline for bids has been extended to Thursday, April 28, 2022 at 11:30 AM. Any bid received after this new date and time shall not be accepted.

Contractor Question #1:

Item 1m – signage as 500 lump sums, should be 1 lump sum?

Response to Question #1:

Item 1m – Signage has been revised to 1 lump sum, updated bid page attached.

Contractor Question #2:

Binder and top are included in the milling section, but reclaim only includes top, should that be the other way around?

Response to Question #2:

Bid Item 1c. Hot Mix Asphalt Binder Course at 5,000 tons has been DELETED from Proposal Item 1 and placed under Proposal Item 2 at 500 tons.

See attached updated pages 13-19 reflecting the bid items above.

PROPOSAL ITEM 1
PAVEMENT-SURFACING
BID NO. 22-31-235

PROPOSAL ITEMS 1a – 1o

1a. Unclassified Excavation

Labor and materials to excavate materials of every description, including, but not limited to cobbles, concrete, trolley tracks and unsuitable materials, in accordance with the relevant portions of Section 120 of the current MassDOT Standard Specifications for Highways & Bridges, regardless of the type encountered, from within the project limits and as directed by the Engineer, except those materials for which excavation is included with the work specified to be performed under other items of this Contract. No separate [payment shall be made for the offsite disposal of all existing material unsuitable for reuse in the proposed work, but all costs in connection therewith shall be included in the unit price for Unclassified Excavation.

1b. Gravel Borrow

Labor and materials to deliver and install gravel borrow, in accordance with Section 120, 150, and 170 of the current MassDOT Standard Specifications for Highways & Bridges. This item shall include provisions for placing and compacting processed gravel (material M1.03.0 Type b) to be used as a subbase as directed by the Engineer. Gravel borrow will be paid for after placement and compaction, in place, plus 15%. Unit price shall include all necessary testing to establish the suitability of the material.

1c. DELETED

1d. Hot Mix Asphalt, Top course

Labor and materials to deliver and apply Hot Mix Asphalt in accordance with Section 460 of the current Commonwealth of Massachusetts Department of Transportation Standard Specifications for Highways & Bridges. Materials shall conform to the requirements of section M3.11

NOTE: While performing work under 1d above, the Contractor is responsible for insuring proper drainage off all paved areas and any unsatisfactory grading shall be corrected by the Contractor, at the Contractors expense

1e. Structure Casting Adjusted

Labor and materials for adjusting manhole and catch basin covers prior to resurfacing of City streets.

NOTE: Castings to be raised according to City specifications depending on the particular job.

1f. Water Gate Box Adjusted

Labor and materials for adjusting water gate boxes prior to resurfacing of City streets.

NOTE: Water boxes to be raised according to City specifications depending on the particular job.

1g. Structure Rebuilt

Labor and materials for rebuilding damaged/deteriorated structures below the plated depth. Structures rebuilt shall be measured by the average height in feet and inches from the bottom of the deterioration to the plated depth.

1h. Bitumen for Tack Coat

Labor and materials for installing bitumen for tack coat in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

1i. Hot Poured Rubberized Asphalt Sealer

Labor and materials for installing hot poured rubberized asphalt sealer in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

1j. Hot Mix Asphalt – Hand Applied

Labor and materials for installing hot mix asphalt – hand applied in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

1k. Sawcutting Asphalt Pavement

Labor and materials for saw cutting pavement as required and in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

1l. Loam Borrow and Seeding

Labor and materials for installing loam borrow and seeding of disturbed areas as required and in

accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

1m. Safety Signage for Traffic Management

Labor and materials for installing temporary safety signage for traffic management, as required and in accordance MUTCD and the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

1n. Hot Mix Asphalt Pavement Milling – 2-inches

Grinding of asphalt surface, maximum depth two inches according to Section 120 of current Commonwealth of Massachusetts Department of Transportation Standard Specifications for Highways & Bridges. The City has the first right of refusal for asphalt millings. If the City decides not to retain the millings, all asphalt millings to be loaded on trucks and hauled from site, the cost of which is to be included in the unit price.

1o. Hot Mix Asphalt Pavement Milling – Additional Depth

Grinding of asphalt surface, price per additional inch of depth over 2 inches, as specified in item 1n.

PROPOSAL ITEM 1(1a – 1o)

PAVEMENT-SURFACING

BID NO. 22-31-235

Award to be based on this sum for these items 1a – 1o.

Estimated quantities shown are approximate only NO GUARANTEED MINIMUM

Item no.	Estimated Quantity	Unit of Measure	Item and unit price bid	Unit Price	Total Amount
1a	500	cubic yards	Unclassified Excavation at _____ per cubic yard		
1b	200	cubic yards	Gravel Borrow at _____ per cubic yard		
1c			DELETED		
1d	6,000	tons	Hot Mix Asphalt, Top course, applied (M3.11) at _____ per ton		
1e	200	each	Structure Casting Adjusted at _____ each		
1f	200	each	Water Gate Box Adjusted at _____ each		
1g	100	Vertical feet	Structure Rebuilt at _____ per vertical feet		
1h	5,000	gallon	Bitumen for Tack Coat at _____ per gallon		
1i	150	foot	Hot Poured Rubberized Asphalt Sealer at _____ per foot		
1j	150	tons	Hot Mix Asphalt, hand applied at _____ per ton		
1k	25	foot	Sawcutting Asphalt Pavement at _____ per foot		
1l	100	cubic yards	Loam Borrow and Seed at _____ per cubic yard		
1m	1	Lump sum	Safety Signing for Traffic Management at _____ lump sum		
1n	50,000	square yards	Pavement Milling, 2 inch depth, at _____ per square yard.		
1o	1,000	square yards	Pavement Milling for each additional inch per square yard _		
			TOTAL AMOUNT items 1a through 1o		

PROPOSAL ITEM 2
PAVEMENT – RECLAMATION
BID NO. 22-31-235

PROPOSAL ITEMS 2a – 2o

2a. Unclassified Excavation

Labor and materials to excavate materials of every description, including, but not limited to cobbles, concrete, trolley tracks and unsuitable materials, in accordance with the relevant portions of Section 120 of the current MassDOT Standard Specifications for Highways & Bridges, regardless of the type encountered, from within the project limits and as directed by the Engineer, except those materials for which excavation is included with the work specified to be performed under other items of this Contract. No separate payment shall be made for the offsite disposal of all existing material unsuitable for reuse in the proposed work, but all costs in connection therewith shall be included in the unit price for Unclassified Excavation.

2b. Gravel Borrow

Labor and materials to deliver and install gravel borrow, in accordance with Section 120, 150, and 170 of the current MassDOT Standard Specifications for Highways & Bridges. This item shall include provisions for placing and compacting processed gravel (material M1.03.0 Type b) to be used as a subbase as directed by the Engineer. Gravel borrow will be paid for after placement and compaction, in place, plus 15%. Unit price shall include all necessary testing to establish the suitability of the material.

2c.1 Hot Mix Asphalt, Binder course

Labor and materials to deliver and apply Hot Mix Asphalt in accordance with Section 460 of the current Commonwealth of Massachusetts Department of Transportation Standard Specifications for Highways & Bridges. Materials shall conform to the requirements of section M3.11

2c.2 Hot Mix Asphalt, Top course

Labor and materials to deliver and apply Hot Mix Asphalt in accordance with Section 460 of the current Commonwealth of Massachusetts Department of Transportation Standard Specifications for Highways & Bridges. Materials shall conform to the requirements of section M3.11

NOTE: While performing work under 2c.1 and 2c.2 above, the Contractor is responsible for ensuring proper drainage off all paved areas and any unsatisfactory grading shall be corrected by the Contractor, at the Contractors expense

2d. Structure Casting Removed & Plated

Labor & materials for removing and plating all manhole and catch basin covers to a minimum depth of 14”-16” prior to reclaiming of City Streets.

NOTE: Castings are to be removed and plated according to City specifications depending on the particular job.

2e. Water Gate Box Removed

Labor and materials for removing water gate boxes to a minimum depth of 14”-16” prior to reclaiming City Streets.

NOTE: water boxes are to be removed according to City specifications depending on the particular job. Care shall be taken to remove the top section of the gate box without breaking it off. Then the cover shall be placed upside down over the bottom section to keep the backfill material from entering. Any gate boxes that are broken off by the contractor shall be repaired by the contractor and shall not be included for payment, unless directed to break off gate boxes by the Engineer. Any gate boxes found filled with backfill material shall be cleaned by the contractor and shall not be included for payment, unless directed by the Engineer.

2f. Structure Casting Reset

Labor and materials for resetting buried manhole and catch basin covers, to final top course pavement

elevation, after reclaiming work and binder is placed and prior surface course. All debris placed in the structure by the Contractor must be removed at the Contractor's expense.

NOTE: Castings to be reset according to City specifications depending on the particular job.

2g. Water Gate Box Reset

Labor and materials for resetting water gate boxes, to final top course pavement elevation, after reclaiming work and binder is placed and prior to surface course. All debris placed in the water gate box by the Contractor must be removed at the Contractor's expense.

NOTE: Water boxes to be reset according to City specifications depending on the particular job.

2h. Structure Rebuilt

Labor and materials for rebuilding damaged/deteriorated structures below the plated depth. Structures rebuilt shall be measured by the average height in feet and inches from the bottom of the deterioration to the plated depth.

2i. Bitumen for Tack Coat

Labor and materials for installing bitumen for tack coat in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

2j. Hot Poured Rubberized Asphalt Sealer

Labor and materials for installing hot poured rubberized asphalt sealer in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

2k. Hot Mix Asphalt – Hand Applied

Labor and materials for installing hot mix asphalt – hand applied in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

2l. Sawing Asphalt Pavement

Labor and materials for saw cutting pavement as required and in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

2m. Loam Borrow and Seeding

Labor and materials for installing loam borrow and seeding of disturbed areas as required and in accordance with the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

2n. Safety Signage for Traffic Management

Labor and materials for installing temporary safety signage for traffic management, as required and in accordance MUTCD and the relevant portions of the current MassDOT Standard Specifications for Highways & Bridges.

2o. Reclaimed Pavement for Base Course and and/or Sub-Base

Grinding and mixing asphalt surface and gravel base to a depth of 8" – 10" resulting in a uniform mixture of ground-up asphalt and existing gravel base according to Section 403 of current Commonwealth of Massachusetts Department of Transportation Standard Specifications for Highways & Bridges. Any stone or asphalt piece over 4" to be removed – Price includes spreading, fine grading and compacting, ready for new asphalt surface – dust to be controlled by applying water or CaCl as needed. Reclaiming must be performed CMI – RS500 or equal. Working with the City Engineer, or his designee, the Contractor is responsible for grade offset stakes of all finish grades and for insuring proper drainage of all reclaimed areas. Any unsatisfactory grading shall be corrected at the Contractor's expense.

PROPOSAL ITEM 2(2a – 2o)
PAVEMENT-RECLAMATION

BID NO. 22-31-235

Award to be based on this sum for these items 2a –2o.

Estimated quantities shown are approximate only NO GUARANTEED MINIMUM

Item no.	Estimated Quantity	Unit of Measure	Item and unit price bid	Unit Price	Total Amount
2a	1,000	cubic yards	Unclassified Excavation at _____ per cubic yard		
2b	500	cubic yards	Gravel Borrow at _____ per cubic yard		
2c.1	500	tons	Hot Mix Asphalt, Binder course, applied (M3.11) at _____ per ton		
2c.2	500	tons	Hot Mix Asphalt, Top course, applied (M3.11) at _____ per ton		
2d	25	each	Structure Castings Removed and Plated at _____ per each		
2e	25	each	Water Gate Boxes Removed at _____ per each		
2f	50	each	Structure Casting Reset at _____ each		
2g	50	each	Water Gate Box Reset at _____ each		
2h	25	vertical feet	Structure Rebuilt _____ per vertical feet		
2i	1,000	gallon	Bitumen for Tack Coat at _____ per gallon		
2j	2,000	feet	Hot Poured Rubberized Asphalt Sealer at _____ per foot		
2k	20	tons	Hot Mix Asphalt, hand applied at _____ per ton		
2l	200	feet	Sawing Asphalt Pavement at _____ per foot		
2m	10	cubic yards	Loam Borrow and Seed at _____ per cubic yard		
2n	1	lump sum	Safety Signing for Traffic Management at _____ lump sum		

2o	3,000	square yard	Reclaimed Pavement for Base Course and/or Sub-base _____per square yard		
			TOTAL AMOUNT items 2a through 2o		