

STAFF SUMMARY

<input checked="" type="checkbox"/> Secretary Approval		<input checked="" type="checkbox"/> MassDOT Board Approval		Prepared by: Eric Nova	
Department: Highway Division	Manager: John J. Bechard	email: john.bechard@dot.state.ma.us		Telephone: 857-368-9325	
Contract No./Subject: Highway Division Contract No. 119810 NEWBURY, NEWBURYPORT, SALISBURY – Resurfacing and Related Work on a Section of Route 1 (Newburyport Turnpike)				Date Prepared: January 6, 2023	
Implications					
<input checked="" type="checkbox"/> Capital Budget <input type="checkbox"/> Operating Budget <input type="checkbox"/> Legal <input type="checkbox"/> Other					

PURPOSE:

The purpose of this Staff Summary is to request that the Board of Directors authorize and approve the Secretary/CEO, or her designee, to execute MassDOT Contract No. 119810 titled "NEWBURY, NEWBURYPORT, SALISBURY - Resurfacing and Related Work on a Section of Route 1 (Newburyport Turnpike)", for Highway Construction, with MacKay Construction Services Inc., for the amount of \$17,187,676.85 for a total duration of 1046 days from Notice to Proceed (NTP).

TOTAL PROGRAM BUDGET:

The project has a total budget of \$19,558,328.27, which includes the following:

Bid Amount	\$ 17,187,676.85
Contingencies (10%)	\$ 1,724,811.42
5% Constr. Engr.	\$ 645,840.00
Total	\$ 19,558,328.27

DISCUSSION:

The award of this project Resurfacing and Related Work on a Section of Route 1 will address immediate needs to replace the deteriorated pavement, install a cement concrete pavement intersection, and make necessary retrofit improvements to the Newburyport traffic circle, as well as reducing ongoing maintenance costs for the District in this area of Route 1.

The contract work includes roadway work of fine mill and overlay of pavement; installation of cement concrete pavement at the intersection of Route 1, Middle Road, and Hanover Street; replacing all grates and covers with bolt down grates and bolt down covers; adjusting, cleaning and rebuilding drainage structures; removing and resetting granite edging; replacing any broken granite curb and edging; sidewalk and pedestrian curb ramp replacement at the intersection of Route 1, Low St., and Pond St.; application of pavement markings; installation of reflectorized pavement markers; retrofit improvements to the Newburyport traffic circle; and other related work.

Bridge work shall include bridge pavement milling and resurfacing, bridge fascia repairs, armor joint repairs, and thrie beam bridge rail retrofit.

Traffic work includes maintaining one lane of traffic in each direction on Route 1 NB & SB at all times, with lane shifting during the cement concrete pavement intersection work having minor impacts to the overall traffic pattern. All work under this contract will be conducted Monday through Friday between the hours of 7am and 3pm unless otherwise authorized by the Engineer and with certain exceptions for holidays. Paving, milling, and pavement marking work shall be restricted to night work to the hours of 9pm to 5pm Sunday through Thursday.

PROCUREMENT:

On August 13, 2022, the Highway Division advertised this contract for bids. On November 22, 2022, the Highway Division opened bids for this contract and two (2) bids were received. MacKay Construction Services Inc. was the lowest responsible and eligible bidder with a bid price of \$17,187,676.85.

The bids were reviewed by engineers in the Construction, Construction Contracts and Bridge Sections. The Highway Division has accepted the bid submitted by MacKay Construction Services Inc. which at \$17,187,676.85 is 20.50% above the office estimate of \$14,263,094.85.

The following is the listing of bidders with the corresponding bid prices:

Mackay Construction Services Inc.	\$17,187,676.85
Holcim-Ner Inc.	\$ 20,275,381.15

In order to submit a bid for this project, contractors must be prequalified by the Highway Division in the Class of Work "Highway - Construction". A review of the Contractor Evaluation scores for MacKay Construction Services Inc. on file with the Highway Division reflects an average score of 91.0 %. Contractor has 1 active construction contracts with MassDOT at this time.

 X Disadvantaged Business Enterprise ("DBE") participation is required. The DBE requirement for this Project is 12% for participation by Disabled Business Enterprise(s) (DBE) for the Contract. To achieve this goal the general contractor, MacKay Construction Services Inc., has identified AM Equipment LLC with a total DBE participation of 15.5% of total bid. MassDOT's Office for Diversity and Civil Rights has reviewed the DBE information included in the Proposal of the chosen bidder and recommends award of the Contract.

FINANCIAL IMPACT/BUDGET SOURCE:

This action is funded through various sources. The total cost for this construction contract is funded with 20% State Funds and 80% Federal Funds. All the funding necessary for the construction of this project is provided in the FY20-FY24 MassDOT Capital Investment Plan. There will be no potential projects placed at risk with the approval of this request by the MassDOT Board of Directors.

FUTURE ANTICIPATED AUTHORIZATIONS:

There is no feasible alternative to the current proposal. Resurfacing and bridge work in a timely manner is necessary to maintain service over the deteriorated roadway and bridge decks.

RECOMMENDATIONS:

It is recommended that the Board of Directors authorize the Secretary, or his designee, to award and execute MassDOT Contract No. 119810 entitled Resurfacing and Related Work on a Section of Route 1 (Newburyport Turnpike), with MacKay Construction Services Inc., in a form approved by the General Counsel, in the amount of \$17,187,676.85.

COORDINATION WITH:

Office of Diversity and Civil Rights
Engineering and Maintenance
Environmental
Capital Programs
Budget and Finance
Legal Department

SIGNATURE PAGE:

See Page 4

Contract No./Subject: Highway Division Contract No. 119810 NEWBURY,
NEWBURYPORT, SALISBURY – Resurfacing and Related Work on a Section of Route 1
(Newburyport Turnpike)

Prepared by: Eric Nova
Date: January 6, 2023

ATTACHMENTS:

Tab A – Vote

RESOURCE/REFERENCE DOCUMENTS:

Bid Average

Bid Results

Bid Tabulations

Eligible Bidders Listing

Low Bidder by Bid Item with Affidavit

Schedule of Participation by Disadvantaged Business Enterprises (DBES)

STAFF SUMMARY SIGNATURE PAGE

☒ Secretary Approval

☒ MassDOT Board Approval

Prepared by: Eric Nova

Department:

Highway Division

Program Manager:

John J. Bechard

email:

john.bechard@dot.state.ma.us

Telephone:

857-368-9325

Contract No./Subject: Highway Division Contract No. 119810 NEWBURY, NEWBURYPORT, SALISBURY – Resurfacing and Related Work on a Section of Route 1 (Newburyport Turnpike)

Date Prepared:

January 6, 2023

Implications

☒ Capital Budget

☐ Operating Budget

☐ Legal

☐ Other

RECOMMEND APPROVAL:

Eric Nova
Project Manager

RECOMMEND APPROVAL:

Marie J. Rose
Director of Project Management

RECOMMEND APPROVAL:

David Pottier
Chief Financial Officer

RECOMMEND APPROVAL:

Susan Cobb
First Deputy General Counsel

RECOMMEND APPROVAL:

Gina Fiandaca
Secretary/CEO

Subject: Highway Division Contract No. 119810 **NEWBURY, NEWBURYPORT, SALISBURY** –
Resurfacing and Related Work on a Section of Route 1 (Newburyport Turnpike)

TAB A

VOTE

Subject: Highway Division Contract No. 119810 **NEWBURY, NEWBURYPORT, SALISBURY** –
Resurfacing and Related Work on a Section of Route 1 (Newburyport Turnpike)

VOTE:

That the Secretary/CEO and/or Administrator for the Highway Division, be and hereby is, authorized to award and execute, in the name and on behalf of the Department, and in a form approved by General Counsel, a certain Highway Division Contract entitled, "Resurfacing and Related Work on a Section of Route 1 (Newburyport Turnpike)" with a contractor in an amount based upon a schedule of unit prices, said contractor being the lowest responsible and eligible bidder in response to requests for sealed proposals.

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022

Contract # : 119810

Item #	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 2
100.	1.000	LS	SCHEDULE OF OPERATIONS - FIXED PRICE \$87,500	\$87,500.00	\$87,500.00	\$87,500.00
101.	0.600	A	CLEARING AND GRUBBING	\$60,000.00	\$48,000.00	\$60,000.00
102.	0.500	A	SELECTIVE CLEARING AND THINNING	\$31,000.00	\$52,000.00	\$55,000.00
102.1	7,235.000	FT	TREE TRIMMING	\$8.50	\$5.00	\$15.00
102.511	4.000	EA	TREE PROTECTION – ARMORING & PRUNING	\$370.00	\$485.00	\$350.00
106.15	12.000	EA	BLEEDER (BRIDGE DECK) PVC	\$1,000.00	\$1,595.00	\$1,650.00
107.97	490.000	LB	STRUCTURAL STEEL REPAIRS	\$50.00	\$28.00	\$245.00
120.	400.000	CY	EARTH EXCAVATION	\$58.00	\$64.50	\$90.00
120.1	9,055.000	CY	UNCLASSIFIED EXCAVATION	\$45.00	\$57.25	\$55.00
127.1	160.000	CY	REINFORCED CONCRETE EXCAVATION	\$2,200.00	\$3,550.00	\$4,200.00
129.3	560.000	CY	OLD PAVEMENT EXCAVATION	\$25.00	\$95.00	\$110.00
141.	80.000	CY	CLASS A TRENCH EXCAVATION	\$40.00	\$72.00	\$400.00
141.1	50.000	CY	TEST PIT FOR EXPLORATION	\$130.00	\$180.00	\$250.00
142.	45.000	CY	CLASS B TRENCH EXCAVATION	\$55.00	\$45.00	\$250.00
144.	50.000	CY	CLASS B ROCK EXCAVATION	\$170.00	\$410.00	\$300.00
146.	9.000	EA	DRAINAGE STRUCTURE REMOVED	\$860.00	\$1,225.00	\$1,200.00
150.	175.000	CY	ORDINARY BORROW	\$50.00	\$62.00	\$58.00
151.	5,825.000	CY	GRAVEL BORROW	\$45.00	\$48.67	\$30.00
153.	40.000	CY	CONTROLLED DENSITY FILL - EXCAVATABLE	\$200.00	\$220.00	\$420.00
156.	25.000	TON	CRUSHED STONE	\$60.00	\$68.00	\$120.00
170.	17,025.000	SY	FINE GRADING AND COMPACTING - SUBGRADE AREA	\$10.00	\$10.36	\$13.00
191.10	40.000	FT	HOLLOW STEM AUGER BORINGS	\$110.00	\$84.00	\$200.00
201.	11.000	EA	CATCH BASIN	\$5,700.00	\$5,687.00	\$5,000.00
202.	1.000	EA	MANHOLE	\$4,500.00	\$9,000.00	\$7,000.00
204.	2.000	EA	GUTTER INLET	\$3,000.00	\$3,125.00	\$3,000.00
220.	150.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$405.00	\$480.00	\$475.00
220.2	115.000	FT	DRAINAGE STRUCTURE REBUILT	\$460.00	\$535.00	\$680.00
220.3	3.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$900.00	\$1,285.00	\$525.00

Bid Average

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Bids Open Date : 22 Nov 2022
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Item #	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 2
220.7	5.000	EA	SANITARY STRUCTURE ADJUSTED	\$500.00	\$480.00	\$575.00
221.1	35.000	EA	FRAME AND COVER - SECURED	\$900.00	\$889.00	\$750.00
221.11	10.000	EA	FRAME AND COVER - MUNICIPAL SECURED	\$1,000.00	\$889.00	\$750.00
222.1	115.000	EA	FRAME AND GRATE - MASSDOT CASCADE TYPE	\$1,050.00	\$989.00	\$825.00
222.3	15.000	EA	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	\$1,000.00	\$1,313.00	\$750.00
223.2	195.000	EA	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED	\$75.00	\$50.00	\$75.00
227.3	250.000	CY	REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	\$260.00	\$324.00	\$275.00
227.31	3,625.000	FT	REMOVAL OF DRAINAGE PIPE SEDIMENT	\$20.00	\$11.00	\$6.50
234.10	5.000	FT	10 INCH DRAINAGE PIPE - OPTION	\$100.00	\$120.00	\$300.00
234.110	1.000	EA	10 INCH FLEXIBLE COUPLING	\$50.00	\$300.00	\$200.00
238.12	40.000	FT	12 INCH DUCTILE IRON PIPE	\$145.00	\$333.00	\$225.00
241.12	140.000	FT	12 INCH REINFORCED CONCRETE PIPE	\$125.00	\$246.00	\$125.00
358.	5.000	EA	GATE BOX ADJUSTED	\$300.00	\$242.00	\$250.00
381.	1.000	EA	SERVICE BOX	\$500.00	\$1,100.00	\$500.00
381.3	1.000	EA	SERVICE BOX ADJUSTED	\$300.00	\$220.00	\$250.00
402.	110.000	CY	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$80.00	\$73.56	\$185.00
402.13	27,250.000	FT	PAVEMENT MILLING MULCH FOR SHOULDERS	\$6.00	\$3.48	\$7.00
415.2	184,985.000	SY	PAVEMENT FINE MILLING	\$2.50	\$4.26	\$2.75
415.4	8,200.000	SY	BRIDGE PAVEMENT MILLING	\$25.00	\$25.34	\$20.00
431.	85.000	SY	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE	\$50.00	\$280.00	\$500.00
440.	19,195.000	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.53	\$0.55	\$1.25
443.	5.000	MGL	WATER FOR ROADWAY DUST CONTROL	\$75.00	\$150.00	\$150.00
450.231	21,600.000	TON	SUPERPAVE SURFACE COURSE - 12.5 POLYMER (SSC - 12.5 - P)	\$115.00	\$132.00	\$160.00
450.32	580.000	TON	SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)	\$135.00	\$177.00	\$255.00
450.42	310.000	TON	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5)	\$160.00	\$250.00	\$255.00
451.	1,995.000	TON	HMA FOR PATCHING	\$200.00	\$219.00	\$280.00
452.	15,850.000	GAL	ASPHALT EMULSION FOR TACK COAT	\$8.50	\$8.12	\$6.75
453.	137,900.000	FT	HMA JOINT SEALANT	\$0.50	\$0.68	\$1.00
457.2	1,350.000	TON	SUPERPAVE WATERPROOFING SURFACE COURSE (SSC-W-12.5)	\$420.00	\$557.00	\$525.00

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472.	615.000	TON	TEMPORARY ASPHALT PATCHING	\$175.00	\$250.00	\$225.00
476.001	2,035.000	CY	PORTLAND CEMENT CONCRETE PAVEMENT	\$350.00	\$1,050.00	\$1,357.50
476.002	140.000	FT	CEMENT CONCRETE CURB VF 150A	\$26.00	\$250.00	\$415.00
476.003	1,075.000	FT	CEMENT CONCRETE CURB VF 150G	\$27.00	\$195.00	\$325.00
482.3	530.000	FT	SAWCUTTING ASPHALT PAVEMENT	\$5.00	\$7.50	\$7.00
482.31	110.000	FT	SAWING & SEALING JOINTS IN ASPHALT PAVEMENT AT BRIDGES	\$40.00	\$42.00	\$40.00
482.5	525.000	FT	SAWCUTTING ASPHALT PAVEMENT FOR BOX WIDENING	\$4.00	\$7.50	\$6.00
504.	4,800.000	FT	GRANITE CURB TYPE VA4 - STRAIGHT	\$59.00	\$69.00	\$60.00
504.1	660.000	FT	GRANITE CURB TYPE VA4 - CURVED	\$45.00	\$79.00	\$80.00
509.	180.000	FT	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - STRAIGHT	\$60.00	\$73.50	\$65.00
509.1	200.000	FT	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - CURVED	\$65.00	\$83.50	\$80.00
510.	600.000	FT	GRANITE EDGING TYPE SA	\$37.00	\$40.60	\$55.00
510.1	280.000	FT	GRANITE EDGING TYPE SA (RADIUS 10 FEET OR LESS)	\$40.00	\$43.60	\$55.00
514.	10.000	EA	GRANITE CURB INLET - STRAIGHT	\$500.00	\$750.00	\$575.00
516.	10.000	EA	GRANITE CURB CORNER TYPE A	\$380.00	\$585.00	\$400.00
580.	400.000	FT	CURB REMOVED AND RESET	\$35.00	\$52.20	\$28.00
581.	10.000	EA	CURB INLET REMOVED AND RESET	\$145.00	\$450.00	\$125.00
583.	810.000	FT	EDGING REMOVED AND RESET	\$35.00	\$45.00	\$27.00
594.	8,140.000	FT	CURB REMOVED AND DISCARDED	\$5.00	\$8.00	\$12.00
595.	10.000	EA	CURB INLET REMOVED AND DISCARDED	\$50.00	\$65.00	\$55.00
597.	1,820.000	FT	EDGING REMOVED AND DISCARDED	\$8.50	\$8.10	\$9.50
620.12	340.000	FT	GUARDRAIL, TL-2 (SINGLE FACED)	\$35.00	\$36.20	\$34.00
620.13	17,150.000	FT	GUARDRAIL, TL-3 (SINGLE FACED)	\$40.00	\$40.00	\$42.00
620.32	90.000	FT	GUARDRAIL - CURVED, TL-2 (SINGLE FACED)	\$40.00	\$46.00	\$48.00
621.13	420.000	FT	GUARDRAIL, TL-3 (DOUBLE FACED)	\$50.00	\$62.64	\$70.00
626.001	50.000	FT	BRIDGE GUARDRAIL RETROFIT – TYPE 1	\$175.00	\$480.00	\$450.00
627.1	50.000	EA	TRAILING ANCHORAGE	\$1,850.00	\$2,295.00	\$2,250.00
627.82	8.000	EA	GUARDRAIL TANGENT END TREATMENT, TL-2	\$3,750.00	\$4,650.00	\$4,800.00

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627.83	25.000	EA	GUARDRAIL TANGENT END TREATMENT, TL-3	\$4,500.00	\$4,650.00	\$5,500.00
627.93	30.000	EA	GUARDRAIL FLARED END TREATMENT, TL-3	\$4,200.00	\$5,425.00	\$6,000.00
628.001	4.000	EA	BRIDGE GUARDRAIL RETROFIT - ENTRANCE	\$1,600.00	\$4,800.00	\$1,400.00
628.22	2.000	EA	TRANSITION TO RIGID BARRIER (SINGLE FACED)	\$5,300.00	\$6,322.00	\$5,800.00
628.23	1.000	EA	TRANSITION TO RIGID BARRIER (DOUBLE FACED)	\$7,800.00	\$7,250.00	\$7,000.00
628.24	15.000	EA	TRANSITION TO BRIDGE RAIL	\$4,600.00	\$5,800.00	\$6,200.00
628.305	19.000	EA	TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TL-3	\$6,000.00	\$6,300.00	\$15,000.00
628.34	5.000	EA	IMPACT ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$45,000.00	\$22,500.00	\$55,000.00
628.4	36.000	EA	TEMPORARY IMPACT ATTENUATOR, REMOVED AND RESET	\$1,500.00	\$1,722.00	\$1,900.00
630.2	17,810.000	FT	HIGHWAY GUARD REMOVED AND DISCARDED	\$4.00	\$5.00	\$7.50
655.3	880.000	FT	SPLIT RAIL FENCE	\$50.00	\$42.00	\$80.00
657.1	200.000	FT	TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM	\$7.00	\$26.70	\$300.00
657.11	200.000	FT	TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM REMOVED AND RESET	\$4.00	\$20.00	\$150.00
666.	25.000	FT	CHAIN LINK FENCE REMOVED AND RESET	\$67.00	\$69.00	\$50.00
668.	1.000	EA	CHAIN LINK FENCE GATE W/GATE POSTS REMOVED & RESET	\$4,000.00	\$3,850.00	\$3,900.00
697.1	170.000	EA	SILT SACK	\$176.00	\$140.00	\$350.00
701.	600.000	SY	CEMENT CONCRETE SIDEWALK	\$92.00	\$110.00	\$75.00
701.1	450.000	SY	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$90.00	\$120.00	\$75.00
701.2	140.000	SY	CEMENT CONCRETE PEDESTRIAN CURB RAMP	\$105.00	\$120.00	\$125.00
702.	795.000	TON	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY	\$175.00	\$219.00	\$275.00
740.	35.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,300.00	\$4,325.00	\$4,500.00
748.	1.000	LS	MOBILIZATION	\$387,047.00	\$350,000.00	\$595,000.00
748.1	3.000	EA	EMERGENCY RESPONSE	\$3,000.00	\$3,200.00	\$10,000.00
751.	850.000	CY	LOAM BORROW	\$60.00	\$63.45	\$70.00
765.	5,885.000	SY	SEEDING	\$3.00	\$3.86	\$2.60
767.121	22,450.000	FT	SEDIMENT CONTROL BARRIER	\$6.00	\$5.16	\$5.50
769.	18,430.000	FT	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$6.00	\$6.23	\$10.00
804.3	680.000	FT	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)	\$65.00	\$75.00	\$100.00

Bid Average

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811.22	4.000	EA	ELECTRIC HANDHOLE - SD2.022	\$1,500.00	\$1,950.00	\$3,600.00
811.30	6.000	EA	PULL BOX 8 X 23 INCHES - SD2.030	\$650.00	\$2,150.00	\$3,600.00
811.31	2.000	EA	PULL BOX 12 X 12 INCHES - SD2.031	\$1,225.00	\$1,350.00	\$3,600.00
811.35	10.000	EA	PULL BOX ADJUSTED	\$300.00	\$355.00	\$250.00
811.37	4.000	EA	ELECTRIC HANDHOLE ADJUSTED	\$419.00	\$450.00	\$250.00
815.98	10.000	FT	FOOTING COST ADJUSTMENT	\$875.00	\$340.00	\$1.50
816.01	1.000	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1	\$48,000.00	\$58,500.00	\$42,000.00
819.831	125.000	FT	WIRE LOOP INSTALLED IN ROADWAY	\$15.00	\$16.24	\$18.00
824.41	1.000	LS	PEDESTRIAN HYBRID BEACON ROUTE 1 SHARED-USE PATH CROSSING (HAWK) - LOCATION #1	\$93,862.00	\$118,500.00	\$110,000.00
824.511	1.000	EA	FLASHING WARNING BEACON REMOVED AND STACKED (STA. 211+09)	\$750.00	\$938.00	\$1,000.00
824.512	1.000	EA	FLASHING WARNING BEACON REMOVED AND STACKED (STA. 309+30)	\$750.00	\$696.00	\$1,000.00
829.	245.000	SF	ROADSIDE GUIDE SIGN (G) - ALUMINUM PANEL (TYPE B)	\$30.00	\$28.78	\$28.00
831.1	130.000	SF	ROADSIDE GUIDE SIGN (MA-D1-XX) - ALUMINUM PANEL (TYPE B)	\$26.00	\$28.76	\$28.00
832.	440.000	SF	WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A)	\$15.00	\$13.92	\$14.00
833.7	130.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$48.00	\$68.44	\$70.00
834.18	45.000	EA	REFLECTORIZED FLEXIBLE DELINEATOR POST (WHITE)	\$50.00	\$69.80	\$60.00
841.11	4.000	EA	SUPPORTS FOR GUIDE SIGN (MA-D1-XX) STEEL	\$2,000.00	\$3,180.00	\$2,900.00
844.111	6.000	EA	SUPPORTS FOR GUIDE SIGN (G1) STEEL	\$5,300.00	\$3,720.00	\$3,600.00
847.1	60.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$150.00	\$236.00	\$205.00
848.1	4.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$280.00	\$468.00	\$450.00
851.1	595.000	DAY	TRAFFIC CONES FOR TRAFFIC MANAGEMENT	\$1,000.00	\$480.00	\$1,500.00
852.	3,850.000	SF	SAFETY SIGNING FOR TRAFFIC MANAGEMENT	\$18.00	\$25.00	\$35.00
852.11	900.000	FT	TEMPORARY PEDESTRIAN BARRICADE	\$100.00	\$32.00	\$28.00
852.12	10.000	EA	TEMPORARY PEDESTRIAN CURB RAMP	\$250.00	\$320.00	\$3,600.00
853.1	15.000	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$250.00	\$130.00
853.31	6,945.000	FT	TEMPORARY RESTRAINED BARRIER REMOVED AND RESET	\$30.00	\$22.00	\$10.00

Bid Average

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 2
853.33	4,105.000	FT	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3)	\$65.00	\$75.00	\$50.00
853.331	1,695.000	FT	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3) REMOVED & RESET	\$15.00	\$25.00	\$10.00
853.403	850.000	DAY	TRUCK MOUNTED ATTENUATOR	\$100.00	\$161.00	\$115.00
853.8	360.000	DAY	TEMPORARY ILLUMINATION FOR WORK ZONE	\$50.00	\$215.00	\$350.00
854.016	135,335.000	FT	TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)	\$0.30	\$0.50	\$0.35
854.036	24,700.000	FT	TEMPORARY PAVING MARKINGS - 6 INCH (TAPE)	\$1.50	\$1.50	\$1.35
854.1	12,420.000	SF	PAVEMENT MARKING REMOVAL	\$2.00	\$1.43	\$1.62
856.	810.000	DAY	ARROW BOARD	\$10.00	\$18.00	\$10.00
856.12	2,520.000	DAY	PORTABLE CHANGEABLE MESSAGE SIGN	\$25.00	\$18.00	\$19.00
859.	56,910.000	DAY	REFLECTORIZED DRUM	\$0.25	\$0.50	\$0.25
859.1	400.000	DAY	REFLECTORIZED DRUMS WITH SEQUENTIAL FLASHING WARNING LIGHTS	\$8.00	\$12.00	\$3.75
863.1	8,600.000	SF	HIGH FRICTION SURFACE TREATMENT	\$15.00	\$12.50	\$25.00
864.	100.000	SF	PAVEMENT ARROW REFLECTORIZED WHITE (PAINTED)	\$16.00	\$25.90	\$2.65
864.04	695.000	SF	PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC)	\$20.00	\$25.90	\$8.00
864.32	70.000	EA	SLOTTED PAVEMENT MARKER ONE-WAY YELLOW	\$30.00	\$30.00	\$35.00
864.35	1,275.000	EA	SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW	\$20.00	\$30.00	\$35.00
866.112	3,485.000	FT	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$3.50	\$6.00	\$6.00
868.106	66,000.000	FT	6 INCH RECESSED WET REFLECTIVE WHITE LINE (THERMOPLASTIC)	\$2.00	\$1.96	\$2.50
868.112	1,000.000	FT	12 INCH RECESSED WET REFLECTIVE WHITE LINE (THERMOPLASTIC)	\$4.00	\$8.26	\$12.00
868.304	35.000	FT	4 INCH RECESSED WET REFLECTIVE WHITE LINE (PREFORMED)	\$15.00	\$12.00	\$10.00
868.306	6,130.000	FT	6 INCH RECESSED WET REFLECTIVE WHITE LINE (PREFORMED)	\$10.00	\$12.00	\$13.00
868.406	3,080.000	FT	6 INCH WET REFLECTIVE RECESSED CONTRAST WHITE LINE (PREFORMED)	\$13.00	\$13.50	\$26.00
868.412	220.000	FT	12 INCH WET REFLECTIVE RECESSED CONTRAST WHITE LINE (PREFORMED)	\$26.00	\$24.00	\$50.00
869.106	67,175.000	FT	6 INCH RECESSED WET REFLECTIVE YELLOW LINE (THERMOPLASTIC)	\$2.00	\$1.96	\$2.10

Bid Average

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Office Estimate	Low Bid	Average 2 thru 2
869.112	2,565.000	FT	12 INCH RECESSED WET REFLECTIVE YELLOW LINE (THERMOPLASTIC)	\$4.00	\$8.00	\$10.50
869.406	3,190.000	FT	6 INCH WET REFLECTIVE RECESSED CONTRAST YELLOW LINE (PREFORMED)	\$13.00	\$15.54	\$25.00
869.412	60.000	FT	12 INCH WET REFLECTIVE RECESSED CONTRAST YELLOW LINE (PREFORMED)	\$26.00	\$24.00	\$50.00
874.	1.000	EA	STREET NAME SIGN	\$176.00	\$95.00	\$70.00
874.2	20.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$126.00	\$225.00	\$200.00
874.4	35.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$30.00	\$50.00	\$35.00
874.41	30.000	EA	TRAFFIC SIGN REMOVED AND DISCARDED	\$60.00	\$50.00	\$35.00
877.2	30.000	EA	SIGN POST REMOVED AND STACKED	\$30.00	\$50.00	\$35.00
905.	10.000	CY	4000 PSI, 3/8 INCH, 660 CEMENT CONCRETE	\$4,000.00	\$7,850.00	\$7,100.00
909.3	160.000	CY	RAPID SETTING LOW PERMEABILTY CONCRETE	\$3,500.00	\$2,200.00	\$2,500.00
910.	5,650.000	LB	STEEL REINFORCEMENT FOR STRUCTURES	\$6.00	\$3.00	\$3.50
971.2	210.000	FT	MODIFIED ASPHALTIC BRIDGE JOINT SYSTEM	\$400.00	\$261.00	\$260.00
972.62	180.000	FT	NEOPRENE STRIP SEAL FOR BRIDGE JOINT	\$150.00	\$246.00	\$250.00
973.2	710.000	FT	PRE-COMPRESSED JOINT SEAL	\$200.00	\$140.00	\$30.00
994.1	1,080.000	SF	TEMPORARY PROTECTIVE SHIELDING	\$15.00	\$36.54	\$36.00
994.12	4,310.000	SF	TEMPORARY PROTECTIVE SHIELDING REMOVED AND RESET	\$10.00	\$8.23	\$9.00

**NEWBURY - NEWBURYPORT - SALISBURY - 608494 - 119810 - FAP# HPP-003S(264)X;NHP(NHS)-003S(264)X - 61212114 & 61212117 -
Resurfacing and Related Work on a Section of Route 1**

DBE % (goal): 15.00 %

MWBE % (goal):

SDVOB % (goal):

OFFICE ESTIMATE: \$14,263,094.85

MACKAY CONST SERVICES INC

197 Ballardvale Street, Wilmington, MA, 01887

\$17,187,676.85

HOLCIM-NER INC

1715 Broadway, Saugus, MA, 01906

\$20,275,381.15

Bid Tabulations

Prelims Unit

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022

Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
100.	1.000	LS	SCHEDULE OF OPERATIONS - FIXED PRICE \$87,500	\$87,500.00	\$87,500.00	\$87,500.00	\$87,500.00
101.	0.600	A	CLEARING AND GRUBBING	\$60,000.00	\$36,000.00	\$48,000.00	\$28,800.00
102.	0.500	A	SELECTIVE CLEARING AND THINNING	\$31,000.00	\$15,500.00	\$52,000.00	\$26,000.00
102.1	7,235.000	FT	TREE TRIMMING	\$8.50	\$61,497.50	\$5.00	\$36,175.00
102.511	4.000	EA	TREE PROTECTION – ARMORING & PRUNING	\$370.00	\$1,480.00	\$485.00	\$1,940.00
106.15	12.000	EA	BLEEDER (BRIDGE DECK) PVC	\$1,000.00	\$12,000.00	\$1,595.00	\$19,140.00
107.97	490.000	LB	STRUCTURAL STEEL REPAIRS	\$50.00	\$24,500.00	\$28.00	\$13,720.00
120.	400.000	CY	EARTH EXCAVATION	\$58.00	\$23,200.00	\$64.50	\$25,800.00
120.1	9,055.000	CY	UNCLASSIFIED EXCAVATION	\$45.00	\$407,475.00	\$57.25	\$518,398.75
127.1	160.000	CY	REINFORCED CONCRETE EXCAVATION	\$2,200.00	\$352,000.00	\$3,550.00	\$568,000.00
129.3	560.000	CY	OLD PAVEMENT EXCAVATION	\$25.00	\$14,000.00	\$95.00	\$53,200.00
141.	80.000	CY	CLASS A TRENCH EXCAVATION	\$40.00	\$3,200.00	\$72.00	\$5,760.00
141.1	50.000	CY	TEST PIT FOR EXPLORATION	\$130.00	\$6,500.00	\$180.00	\$9,000.00
142.	45.000	CY	CLASS B TRENCH EXCAVATION	\$55.00	\$2,475.00	\$45.00	\$2,025.00
144.	50.000	CY	CLASS B ROCK EXCAVATION	\$170.00	\$8,500.00	\$410.00	\$20,500.00
146.	9.000	EA	DRAINAGE STRUCTURE REMOVED	\$860.00	\$7,740.00	\$1,225.00	\$11,025.00
150.	175.000	CY	ORDINARY BORROW	\$50.00	\$8,750.00	\$62.00	\$10,850.00
151.	5,825.000	CY	GRAVEL BORROW	\$45.00	\$262,125.00	\$48.67	\$283,502.75
153.	40.000	CY	CONTROLLED DENSITY FILL - EXCAVATABLE	\$200.00	\$8,000.00	\$220.00	\$8,800.00
156.	25.000	TON	CRUSHED STONE	\$60.00	\$1,500.00	\$68.00	\$1,700.00
170.	17,025.000	SY	FINE GRADING AND COMPACTING - SUBGRADE AREA	\$10.00	\$170,250.00	\$10.36	\$176,379.00
191.10	40.000	FT	HOLLOW STEM AUGER BORINGS	\$110.00	\$4,400.00	\$84.00	\$3,360.00
201.	11.000	EA	CATCH BASIN	\$5,700.00	\$62,700.00	\$5,687.00	\$62,557.00
202.	1.000	EA	MANHOLE	\$4,500.00	\$4,500.00	\$9,000.00	\$9,000.00
204.	2.000	EA	GUTTER INLET	\$3,000.00	\$6,000.00	\$3,125.00	\$6,250.00
220.	150.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$405.00	\$60,750.00	\$480.00	\$72,000.00
220.2	115.000	FT	DRAINAGE STRUCTURE REBUILT	\$460.00	\$52,900.00	\$535.00	\$61,525.00

Bid Tabulations

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
220.3	3.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$900.00	\$2,700.00	\$1,285.00	\$3,855.00
220.7	5.000	EA	SANITARY STRUCTURE ADJUSTED	\$500.00	\$2,500.00	\$480.00	\$2,400.00
221.1	35.000	EA	FRAME AND COVER - SECURED	\$900.00	\$31,500.00	\$889.00	\$31,115.00
221.11	10.000	EA	FRAME AND COVER - MUNICIPAL SECURED	\$1,000.00	\$10,000.00	\$889.00	\$8,890.00
222.1	115.000	EA	FRAME AND GRATE - MASSDOT CASCADE TYPE	\$1,050.00	\$120,750.00	\$989.00	\$113,735.00
222.3	15.000	EA	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	\$1,000.00	\$15,000.00	\$1,313.00	\$19,695.00
223.2	195.000	EA	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED	\$75.00	\$14,625.00	\$50.00	\$9,750.00
227.3	250.000	CY	REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	\$260.00	\$65,000.00	\$324.00	\$81,000.00
227.31	3,625.000	FT	REMOVAL OF DRAINAGE PIPE SEDIMENT	\$20.00	\$72,500.00	\$11.00	\$39,875.00
234.10	5.000	FT	10 INCH DRAINAGE PIPE - OPTION	\$100.00	\$500.00	\$120.00	\$600.00
234.110	1.000	EA	10 INCH FLEXIBLE COUPLING	\$50.00	\$50.00	\$300.00	\$300.00
238.12	40.000	FT	12 INCH DUCTILE IRON PIPE	\$145.00	\$5,800.00	\$333.00	\$13,320.00
241.12	140.000	FT	12 INCH REINFORCED CONCRETE PIPE	\$125.00	\$17,500.00	\$246.00	\$34,440.00
358.	5.000	EA	GATE BOX ADJUSTED	\$300.00	\$1,500.00	\$242.00	\$1,210.00
381.	1.000	EA	SERVICE BOX	\$500.00	\$500.00	\$1,100.00	\$1,100.00
381.3	1.000	EA	SERVICE BOX ADJUSTED	\$300.00	\$300.00	\$220.00	\$220.00
402.	110.000	CY	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$80.00	\$8,800.00	\$73.56	\$8,091.60
402.13	27,250.000	FT	PAVEMENT MILLING MULCH FOR SHOULDERS	\$6.00	\$163,500.00	\$3.48	\$94,830.00
415.2	184,985.000	SY	PAVEMENT FINE MILLING	\$2.50	\$462,462.50	\$4.26	\$788,036.10
415.4	8,200.000	SY	BRIDGE PAVEMENT MILLING	\$25.00	\$205,000.00	\$25.34	\$207,788.00
431.	85.000	SY	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE	\$50.00	\$4,250.00	\$280.00	\$23,800.00
440.	19,195.000	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.53	\$10,173.35	\$0.55	\$10,557.25
443.	5.000	MGL	WATER FOR ROADWAY DUST CONTROL	\$75.00	\$375.00	\$150.00	\$750.00
450.231	21,600.000	TON	SUPERPAVE SURFACE COURSE - 12.5 POLYMER (SSC - 12.5 - P)	\$115.00	\$2,484,000.00	\$132.00	\$2,851,200.00
450.32	580.000	TON	SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)	\$135.00	\$78,300.00	\$177.00	\$102,660.00

Bid Tabulations

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
450.42	310.000	TON	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5)	\$160.00	\$49,600.00	\$250.00	\$77,500.00
451.	1,995.000	TON	HMA FOR PATCHING	\$200.00	\$399,000.00	\$219.00	\$436,905.00
452.	15,850.000	GAL	ASPHALT EMULSION FOR TACK COAT	\$8.50	\$134,725.00	\$8.12	\$128,702.00
453.	137,900.000	FT	HMA JOINT SEALANT	\$0.50	\$68,950.00	\$0.68	\$93,772.00
457.2	1,350.000	TON	SUPERPAVE WATERPROOFING SURFACE COURSE (SSC-W-12.5)	\$420.00	\$567,000.00	\$557.00	\$751,950.00
472.	615.000	TON	TEMPORARY ASPHALT PATCHING	\$175.00	\$107,625.00	\$250.00	\$153,750.00
476.001	2,035.000	CY	PORTLAND CEMENT CONCRETE PAVEMENT	\$350.00	\$712,250.00	\$1,050.00	\$2,136,750.00
476.002	140.000	FT	CEMENT CONCRETE CURB VF 150A	\$26.00	\$3,640.00	\$250.00	\$35,000.00
476.003	1,075.000	FT	CEMENT CONCRETE CURB VF 150G	\$27.00	\$29,025.00	\$195.00	\$209,625.00
482.3	530.000	FT	SAWCUTTING ASPHALT PAVEMENT	\$5.00	\$2,650.00	\$7.50	\$3,975.00
482.31	110.000	FT	SAWING & SEALING JOINTS IN ASPHALT PAVEMENT AT BRIDGES	\$40.00	\$4,400.00	\$42.00	\$4,620.00
482.5	525.000	FT	SAWCUTTING ASPHALT PAVEMENT FOR BOX WIDENING	\$4.00	\$2,100.00	\$7.50	\$3,937.50
504.	4,800.000	FT	GRANITE CURB TYPE VA4 - STRAIGHT	\$59.00	\$283,200.00	\$69.00	\$331,200.00
504.1	660.000	FT	GRANITE CURB TYPE VA4 - CURVED	\$45.00	\$29,700.00	\$79.00	\$52,140.00
509.	180.000	FT	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - STRAIGHT	\$60.00	\$10,800.00	\$73.50	\$13,230.00
509.1	200.000	FT	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - CURVED	\$65.00	\$13,000.00	\$83.50	\$16,700.00
510.	600.000	FT	GRANITE EDGING TYPE SA	\$37.00	\$22,200.00	\$40.60	\$24,360.00
510.1	280.000	FT	GRANITE EDGING TYPE SA (RADIUS 10 FEET OR LESS)	\$40.00	\$11,200.00	\$43.60	\$12,208.00
514.	10.000	EA	GRANITE CURB INLET - STRAIGHT	\$500.00	\$5,000.00	\$750.00	\$7,500.00
516.	10.000	EA	GRANITE CURB CORNER TYPE A	\$380.00	\$3,800.00	\$585.00	\$5,850.00
580.	400.000	FT	CURB REMOVED AND RESET	\$35.00	\$14,000.00	\$52.20	\$20,880.00
581.	10.000	EA	CURB INLET REMOVED AND RESET	\$145.00	\$1,450.00	\$450.00	\$4,500.00
583.	810.000	FT	EDGING REMOVED AND RESET	\$35.00	\$28,350.00	\$45.00	\$36,450.00
594.	8,140.000	FT	CURB REMOVED AND DISCARDED	\$5.00	\$40,700.00	\$8.00	\$65,120.00
595.	10.000	EA	CURB INLET REMOVED AND DISCARDED	\$50.00	\$500.00	\$65.00	\$650.00

Bid Tabulations

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
597.	1,820.000	FT	EDGING REMOVED AND DISCARDED	\$8.50	\$15,470.00	\$8.10	\$14,742.00
620.12	340.000	FT	GUARDRAIL, TL-2 (SINGLE FACED)	\$35.00	\$11,900.00	\$36.20	\$12,308.00
620.13	17,150.000	FT	GUARDRAIL, TL-3 (SINGLE FACED)	\$40.00	\$686,000.00	\$40.00	\$686,000.00
620.32	90.000	FT	GUARDRAIL - CURVED, TL-2 (SINGLE FACED)	\$40.00	\$3,600.00	\$46.00	\$4,140.00
621.13	420.000	FT	GUARDRAIL, TL-3 (DOUBLE FACED)	\$50.00	\$21,000.00	\$62.64	\$26,308.80
626.001	50.000	FT	BRIDGE GUARDRAIL RETROFIT – TYPE 1	\$175.00	\$8,750.00	\$480.00	\$24,000.00
627.1	50.000	EA	TRAILING ANCHORAGE	\$1,850.00	\$92,500.00	\$2,295.00	\$114,750.00
627.82	8.000	EA	GUARDRAIL TANGENT END TREATMENT, TL-2	\$3,750.00	\$30,000.00	\$4,650.00	\$37,200.00
627.83	25.000	EA	GUARDRAIL TANGENT END TREATMENT, TL-3	\$4,500.00	\$112,500.00	\$4,650.00	\$116,250.00
627.93	30.000	EA	GUARDRAIL FLARED END TREATMENT, TL-3	\$4,200.00	\$126,000.00	\$5,425.00	\$162,750.00
628.001	4.000	EA	BRIDGE GUARDRAIL RETROFIT - ENTRANCE	\$1,600.00	\$6,400.00	\$4,800.00	\$19,200.00
628.22	2.000	EA	TRANSITION TO RIGID BARRIER (SINGLE FACED)	\$5,300.00	\$10,600.00	\$6,322.00	\$12,644.00
628.23	1.000	EA	TRANSITION TO RIGID BARRIER (DOUBLE FACED)	\$7,800.00	\$7,800.00	\$7,250.00	\$7,250.00
628.24	15.000	EA	TRANSITION TO BRIDGE RAIL	\$4,600.00	\$69,000.00	\$5,800.00	\$87,000.00
628.305	19.000	EA	TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TL-3	\$6,000.00	\$114,000.00	\$6,300.00	\$119,700.00
628.34	5.000	EA	IMPACT ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$45,000.00	\$225,000.00	\$22,500.00	\$112,500.00
628.4	36.000	EA	TEMPORARY IMPACT ATTENUATOR, REMOVED AND RESET	\$1,500.00	\$54,000.00	\$1,722.00	\$61,992.00
630.2	17,810.000	FT	HIGHWAY GUARD REMOVED AND DISCARDED	\$4.00	\$71,240.00	\$5.00	\$89,050.00
655.3	880.000	FT	SPLIT RAIL FENCE	\$50.00	\$44,000.00	\$42.00	\$36,960.00
657.1	200.000	FT	TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM	\$7.00	\$1,400.00	\$26.70	\$5,340.00
657.11	200.000	FT	TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM REMOVED AND RESET	\$4.00	\$800.00	\$20.00	\$4,000.00
666.	25.000	FT	CHAIN LINK FENCE REMOVED AND RESET	\$67.00	\$1,675.00	\$69.00	\$1,725.00
668.	1.000	EA	CHAIN LINK FENCE GATE W/GATE POSTS REMOVED & RESET	\$4,000.00	\$4,000.00	\$3,850.00	\$3,850.00
697.1	170.000	EA	SILT SACK	\$176.00	\$29,920.00	\$140.00	\$23,800.00
701.	600.000	SY	CEMENT CONCRETE SIDEWALK	\$92.00	\$55,200.00	\$110.00	\$66,000.00

Bid Tabulations

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
701.1	450.000	SY	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$90.00	\$40,500.00	\$120.00	\$54,000.00
701.2	140.000	SY	CEMENT CONCRETE PEDESTRIAN CURB RAMP	\$105.00	\$14,700.00	\$120.00	\$16,800.00
702.	795.000	TON	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY	\$175.00	\$139,125.00	\$219.00	\$174,105.00
740.	35.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$3,300.00	\$115,500.00	\$4,325.00	\$151,375.00
748.	1.000	LS	MOBILIZATION	\$387,047.00	\$387,047.00	\$350,000.00	\$350,000.00
748.1	3.000	EA	EMERGENCY RESPONSE	\$3,000.00	\$9,000.00	\$3,200.00	\$9,600.00
751.	850.000	CY	LOAM BORROW	\$60.00	\$51,000.00	\$63.45	\$53,932.50
765.	5,885.000	SY	SEEDING	\$3.00	\$17,655.00	\$3.86	\$22,716.10
767.121	22,450.000	FT	SEDIMENT CONTROL BARRIER	\$6.00	\$134,700.00	\$5.16	\$115,842.00
769.	18,430.000	FT	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$6.00	\$110,580.00	\$6.23	\$114,818.90
804.3	680.000	FT	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)	\$65.00	\$44,200.00	\$75.00	\$51,000.00
811.22	4.000	EA	ELECTRIC HANDHOLE - SD2.022	\$1,500.00	\$6,000.00	\$1,950.00	\$7,800.00
811.30	6.000	EA	PULL BOX 8 X 23 INCHES - SD2.030	\$650.00	\$3,900.00	\$2,150.00	\$12,900.00
811.31	2.000	EA	PULL BOX 12 X 12 INCHES - SD2.031	\$1,225.00	\$2,450.00	\$1,350.00	\$2,700.00
811.35	10.000	EA	PULL BOX ADJUSTED	\$300.00	\$3,000.00	\$355.00	\$3,550.00
811.37	4.000	EA	ELECTRIC HANDHOLE ADJUSTED	\$419.00	\$1,676.00	\$450.00	\$1,800.00
815.98	10.000	FT	FOOTING COST ADJUSTMENT	\$875.00	\$8,750.00	\$340.00	\$3,400.00
816.01	1.000	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1	\$48,000.00	\$48,000.00	\$58,500.00	\$58,500.00
819.831	125.000	FT	WIRE LOOP INSTALLED IN ROADWAY	\$15.00	\$1,875.00	\$16.24	\$2,030.00
824.41	1.000	LS	PEDESTRIAN HYBRID BEACON ROUTE 1 SHARED-USE PATH CROSSING (HAWK) - LOCATION #1	\$93,862.00	\$93,862.00	\$118,500.00	\$118,500.00
824.511	1.000	EA	FLASHING WARNING BEACON REMOVED AND STACKED (STA. 211+09)	\$750.00	\$750.00	\$938.00	\$938.00
824.512	1.000	EA	FLASHING WARNING BEACON REMOVED AND STACKED (STA. 309+30)	\$750.00	\$750.00	\$696.00	\$696.00
829.	245.000	SF	ROADSIDE GUIDE SIGN (G) - ALUMINUM PANEL (TYPE B)	\$30.00	\$7,350.00	\$28.78	\$7,051.10
831.1	130.000	SF	ROADSIDE GUIDE SIGN (MA-D1-XX) - ALUMINUM PANEL (TYPE B)	\$26.00	\$3,380.00	\$28.76	\$3,738.80

Bid Tabulations

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
832.	440.000	SF	WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A)	\$15.00	\$6,600.00	\$13.92	\$6,124.80
833.7	130.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$48.00	\$6,240.00	\$68.44	\$8,897.20
834.18	45.000	EA	REFLECTORIZED FLEXIBLE DELINEATOR POST (WHITE)	\$50.00	\$2,250.00	\$69.80	\$3,141.00
841.11	4.000	EA	SUPPORTS FOR GUIDE SIGN (MA-D1-XX) STEEL	\$2,000.00	\$8,000.00	\$3,180.00	\$12,720.00
844.111	6.000	EA	SUPPORTS FOR GUIDE SIGN (G1) STEEL	\$5,300.00	\$31,800.00	\$3,720.00	\$22,320.00
847.1	60.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$150.00	\$9,000.00	\$236.00	\$14,160.00
848.1	4.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$280.00	\$1,120.00	\$468.00	\$1,872.00
851.1	595.000	DAY	TRAFFIC CONES FOR TRAFFIC MANAGEMENT	\$1,000.00	\$595,000.00	\$480.00	\$285,600.00
852.	3,850.000	SF	SAFETY SIGNING FOR TRAFFIC MANAGEMENT	\$18.00	\$69,300.00	\$25.00	\$96,250.00
852.11	900.000	FT	TEMPORARY PEDESTRIAN BARRICADE	\$100.00	\$90,000.00	\$32.00	\$28,800.00
852.12	10.000	EA	TEMPORARY PEDESTRIAN CURB RAMP	\$250.00	\$2,500.00	\$320.00	\$3,200.00
853.1	15.000	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$140.00	\$2,100.00	\$250.00	\$3,750.00
853.31	6,945.000	FT	TEMPORARY RESTRAINED BARRIER REMOVED AND RESET	\$30.00	\$208,350.00	\$22.00	\$152,790.00
853.33	4,105.000	FT	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3)	\$65.00	\$266,825.00	\$75.00	\$307,875.00
853.331	1,695.000	FT	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3) REMOVED & RESET	\$15.00	\$25,425.00	\$25.00	\$42,375.00
853.403	850.000	DAY	TRUCK MOUNTED ATTENUATOR	\$100.00	\$85,000.00	\$161.00	\$136,850.00
853.8	360.000	DAY	TEMPORARY ILLUMINATION FOR WORK ZONE	\$50.00	\$18,000.00	\$215.00	\$77,400.00
854.016	135,335.000	FT	TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)	\$0.30	\$40,600.50	\$0.50	\$67,667.50
854.036	24,700.000	FT	TEMPORARY PAVING MARKINGS - 6 INCH (TAPE)	\$1.50	\$37,050.00	\$1.50	\$37,050.00
854.1	12,420.000	SF	PAVEMENT MARKING REMOVAL	\$2.00	\$24,840.00	\$1.43	\$17,760.60
856.	810.000	DAY	ARROW BOARD	\$10.00	\$8,100.00	\$18.00	\$14,580.00
856.12	2,520.000	DAY	PORTABLE CHANGEABLE MESSAGE SIGN	\$25.00	\$63,000.00	\$18.00	\$45,360.00
859.	56,910.000	DAY	REFLECTORIZED DRUM	\$0.25	\$14,227.50	\$0.50	\$28,455.00

Bid Tabulations

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
859.1	400.000	DAY	REFLECTORIZED DRUMS WITH SEQUENTIAL FLASHING WARNING LIGHTS	\$8.00	\$3,200.00	\$12.00	\$4,800.00
863.1	8,600.000	SF	HIGH FRICTION SURFACE TREATMENT	\$15.00	\$129,000.00	\$12.50	\$107,500.00
864.	100.000	SF	PAVEMENT ARROW REFLECTORIZED WHITE (PAINTED)	\$16.00	\$1,600.00	\$25.90	\$2,590.00
864.04	695.000	SF	PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC)	\$20.00	\$13,900.00	\$25.90	\$18,000.50
864.32	70.000	EA	SLOTTED PAVEMENT MARKER ONE-WAY YELLOW	\$30.00	\$2,100.00	\$30.00	\$2,100.00
864.35	1,275.000	EA	SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW	\$20.00	\$25,500.00	\$30.00	\$38,250.00
866.112	3,485.000	FT	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$3.50	\$12,197.50	\$6.00	\$20,910.00
868.106	66,000.000	FT	6 INCH RECESSED WET REFLECTIVE WHITE LINE (THERMOPLASTIC)	\$2.00	\$132,000.00	\$1.96	\$129,360.00
868.112	1,000.000	FT	12 INCH RECESSED WET REFLECTIVE WHITE LINE (THERMOPLASTIC)	\$4.00	\$4,000.00	\$8.26	\$8,260.00
868.304	35.000	FT	4 INCH RECESSED WET REFLECTIVE WHITE LINE (PREFORMED)	\$15.00	\$525.00	\$12.00	\$420.00
868.306	6,130.000	FT	6 INCH RECESSED WET REFLECTIVE WHITE LINE (PREFORMED)	\$10.00	\$61,300.00	\$12.00	\$73,560.00
868.406	3,080.000	FT	6 INCH WET REFLECTIVE RECESSED CONTRAST WHITE LINE (PREFORMED)	\$13.00	\$40,040.00	\$13.50	\$41,580.00
868.412	220.000	FT	12 INCH WET REFLECTIVE RECESSED CONTRAST WHITE LINE (PREFORMED)	\$26.00	\$5,720.00	\$24.00	\$5,280.00
869.106	67,175.000	FT	6 INCH RECESSED WET REFLECTIVE YELLOW LINE (THERMOPLASTIC)	\$2.00	\$134,350.00	\$1.96	\$131,663.00
869.112	2,565.000	FT	12 INCH RECESSED WET REFLECTIVE YELLOW LINE (THERMOPLASTIC)	\$4.00	\$10,260.00	\$8.00	\$20,520.00
869.406	3,190.000	FT	6 INCH WET REFLECTIVE RECESSED CONTRAST YELLOW LINE (PREFORMED)	\$13.00	\$41,470.00	\$15.54	\$49,572.60
869.412	60.000	FT	12 INCH WET REFLECTIVE RECESSED CONTRAST YELLOW LINE (PREFORMED)	\$26.00	\$1,560.00	\$24.00	\$1,440.00
874.	1.000	EA	STREET NAME SIGN	\$176.00	\$176.00	\$95.00	\$95.00
874.2	20.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$126.00	\$2,520.00	\$225.00	\$4,500.00
874.4	35.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$30.00	\$1,050.00	\$50.00	\$1,750.00

Bid Tabulations

Project # : 608494
Location : NEWBURY - NEWBURYPORT - SALISBURY
District : 4
Description : NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1

Bids Open Date : 22 Nov 2022
Contract # : 119810

Item #	Quantity	Units	Description	Unit Price	Office Estimate	MACKAY CONST SERVICES INC	
					Amount	Unit Price	Amount
874.41	30.000	EA	TRAFFIC SIGN REMOVED AND DISCARDED	\$60.00	\$1,800.00	\$50.00	\$1,500.00
877.2	30.000	EA	SIGN POST REMOVED AND STACKED	\$30.00	\$900.00	\$50.00	\$1,500.00
905.	10.000	CY	4000 PSI, 3/8 INCH, 660 CEMENT CONCRETE	\$4,000.00	\$40,000.00	\$7,850.00	\$78,500.00
909.3	160.000	CY	RAPID SETTING LOW PERMEABILTY CONCRETE	\$3,500.00	\$560,000.00	\$2,200.00	\$352,000.00
910.	5,650.000	LB	STEEL REINFORCEMENT FOR STRUCTURES	\$6.00	\$33,900.00	\$3.00	\$16,950.00
971.2	210.000	FT	MODIFIED ASPHALTIC BRIDGE JOINT SYSTEM	\$400.00	\$84,000.00	\$261.00	\$54,810.00
972.62	180.000	FT	NEOPRENE STRIP SEAL FOR BRIDGE JOINT	\$150.00	\$27,000.00	\$246.00	\$44,280.00
973.2	710.000	FT	PRE-COMPRESSED JOINT SEAL	\$200.00	\$142,000.00	\$140.00	\$99,400.00
994.1	1,080.000	SF	TEMPORARY PROTECTIVE SHIELDING	\$15.00	\$16,200.00	\$36.54	\$39,463.20
994.12	4,310.000	SF	TEMPORARY PROTECTIVE SHIELDING REMOVED AND RESET	\$10.00	\$43,100.00	\$8.23	\$35,471.30
				Total :	<u>\$14,263,094.85</u>	Total :	<u>\$17,187,676.85</u>

Eligible Bidders Posting Opened Contracts

Bids Unit

Resurfacing and Related Work on a Section of Route 1

Contract #:	119810	Bid Opening Date:	11/22/2022
Project #:	608494	Office Estimate:	\$14,263,094.85
City:	NEWBURY - NEWBURYPORT - SALISBURY	No. of Addendums:	6
District:	4	DBE % (goal):	15.00 %
Class Of Work:	Highway - Construction	SDVOB % (goal):	
MWBE % (goal):			

Contractor(s)	JV	Approval Date	Official / Waiver	Bid Amount
BROX INDUSTRIES	No	08/12/2022	Official	No Bid
D&R GENERAL CONTRACTING	No	10/17/2022	Official	No Bid
HOLCIM-NER INC	No	10/13/2022	Official	\$20,275,381.15
MACKAY CONST SERVICES INC	No	11/02/2022	Waiver	\$17,187,676.85
P J ALBERT INC	No	10/19/2022	Waiver	No Bid

Total # of Bidders: 5

DOCUMENT B00420

PROPOSAL

NEWBURY-NEWBURYPORT-SALISBURY

For: **Resurfacing and Related Work on a Section of Route 1**

COMMONWEALTH OF MASSACHUSETTS

LOCATION

The work referred to herein is in the municipalities of NEWBURY-NEWBURYPORT-SALISBURY in Essex County, in the Commonwealth of Massachusetts, and is shown by the locus map (Document 00331) in the Proposal Pamphlet, the work locations extend as follows:

Route 1

Beginning – Station 00+00

Ending –Station 4+66.19

The contract prices shall include the furnishing of all materials (except as otherwise herein specified), the performing of all the labor requisite or proper, the providing of all necessary machinery, tools, apparatus and other means of construction, the doing of all the abovementioned work in the manner set forth, described and shown in the specifications and on the drawings for the work, and in the form of contract, and the completion thereof within **1046 CALENDAR DAYS** upon receipt of a Notice to Proceed, except that if the completion date falls between December 1 and March 15 then the same number of days beyond December 1st will be extended after March 15th.

The Work of this project is described by the following Items and quantities.

Contract Bid Estimate By Breakouts Combined

Project # : 608494
Contractor : MACKAY CONST SERVICES INC
District : 4
Location : NEWBURY -NEWBURYPORT -SALISBURY
Description : Resurfacing and Related Work on a Section of Route 1

Contract # : 119810
Project Manager ERIC I NOVA

Item #	Quantity	Unit	Item Description	Unit Price	Total
100.	1.000	LS	SCHEDULE OF OPERATIONS - FIXED PRICE \$87,500	\$87,500.00	\$87,500.00
101.	0.600	A	CLEARING AND GRUBBING	\$48,000.00	\$28,800.00
102.	0.500	A	SELECTIVE CLEARING AND THINNING	\$52,000.00	\$26,000.00
102.1	7,235.000	FT	TREE TRIMMING	\$5.00	\$36,175.00
* 102.511	4.000	EA	TREE PROTECTION – ARMORING & PRUNING	\$485.00	\$1,940.00
* 106.15	12.000	EA	BLEEDER (BRIDGE DECK) PVC	\$1,595.00	\$19,140.00
* 107.97	490.000	LB	STRUCTURAL STEEL REPAIRS	\$28.00	\$13,720.00
120.	400.000	CY	EARTH EXCAVATION	\$64.50	\$25,800.00
120.1	9,055.000	CY	UNCLASSIFIED EXCAVATION	\$57.25	\$518,398.75
* 127.1	160.000	CY	REINFORCED CONCRETE EXCAVATION	\$3,550.00	\$568,000.00
* 129.3	560.000	CY	OLD PAVEMENT EXCAVATION	\$95.00	\$53,200.00
141.	80.000	CY	CLASS A TRENCH EXCAVATION	\$72.00	\$5,760.00
141.1	50.000	CY	TEST PIT FOR EXPLORATION	\$180.00	\$9,000.00
142.	45.000	CY	CLASS B TRENCH EXCAVATION	\$45.00	\$2,025.00
144.	50.000	CY	CLASS B ROCK EXCAVATION	\$410.00	\$20,500.00
146.	9.000	EA	DRAINAGE STRUCTURE REMOVED	\$1,225.00	\$11,025.00
150.	175.000	CY	ORDINARY BORROW	\$62.00	\$10,850.00
151.	5,825.000	CY	GRAVEL BORROW	\$48.67	\$283,502.75
* 153.	40.000	CY	CONTROLLED DENSITY FILL - EXCAVATABLE	\$220.00	\$8,800.00
156.	25.000	TON	CRUSHED STONE	\$68.00	\$1,700.00
170.	17,025.000	SY	FINE GRADING AND COMPACTING - SUBGRADE AREA	\$10.36	\$176,379.00
191.10	40.000	FT	HOLLOW STEM AUGER BORINGS	\$84.00	\$3,360.00
201.	11.000	EA	CATCH BASIN	\$5,687.00	\$62,557.00
202.	1.000	EA	MANHOLE	\$9,000.00	\$9,000.00
204.	2.000	EA	GUTTER INLET	\$3,125.00	\$6,250.00
220.	150.000	EA	DRAINAGE STRUCTURE ADJUSTED	\$480.00	\$72,000.00
220.2	115.000	FT	DRAINAGE STRUCTURE REBUILT	\$535.00	\$61,525.00
220.3	3.000	EA	DRAINAGE STRUCTURE CHANGE IN TYPE	\$1,285.00	\$3,855.00
220.7	5.000	EA	SANITARY STRUCTURE ADJUSTED	\$480.00	\$2,400.00
* 221.1	35.000	EA	FRAME AND COVER - SECURED	\$889.00	\$31,115.00
* 221.11	10.000	EA	FRAME AND COVER - MUNICIPAL SECURED	\$889.00	\$8,890.00
222.1	115.000	EA	FRAME AND GRATE - MASSDOT CASCADE TYPE	\$989.00	\$113,735.00
* 222.3	15.000	EA	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	\$1,313.00	\$19,695.00
223.2	195.000	EA	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED	\$50.00	\$9,750.00
227.3	250.000	CY	REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	\$324.00	\$81,000.00
227.31	3,625.000	FT	REMOVAL OF DRAINAGE PIPE SEDIMENT	\$11.00	\$39,875.00
* 234.10	5.000	FT	10 INCH DRAINAGE PIPE - OPTION	\$120.00	\$600.00

* Non-Standard Item

Contract Bid Estimate By Breakouts Combined

Project # : 608494
Contractor : MACKAY CONST SERVICES INC
District : 4
Location : NEWBURY -NEWBURYPORT -SALISBURY
Description : Resurfacing and Related Work on a Section of Route 1

Contract # : 119810
Project Manager ERIC I NOVA

Item #	Quantity	Unit	Item Description	Unit Price	Total
* 234.110	1.000	EA	10 INCH FLEXIBLE COUPLING	\$300.00	\$300.00
238.12	40.000	FT	12 INCH DUCTILE IRON PIPE	\$333.00	\$13,320.00
241.12	140.000	FT	12 INCH REINFORCED CONCRETE PIPE	\$246.00	\$34,440.00
358.	5.000	EA	GATE BOX ADJUSTED	\$242.00	\$1,210.00
381.	1.000	EA	SERVICE BOX	\$1,100.00	\$1,100.00
381.3	1.000	EA	SERVICE BOX ADJUSTED	\$220.00	\$220.00
402.	110.000	CY	DENSE GRADED CRUSHED STONE FOR SUB-BASE	\$73.56	\$8,091.60
* 402.13	27,250.000	FT	PAVEMENT MILLING MULCH FOR SHOULDERS	\$3.48	\$94,830.00
415.2	184,985.000	SY	PAVEMENT FINE MILLING	\$4.26	\$788,036.10
415.4	8,200.000	SY	BRIDGE PAVEMENT MILLING	\$25.34	\$207,788.00
431.	85.000	SY	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE	\$280.00	\$23,800.00
440.	19,195.000	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	\$0.55	\$10,557.25
443.	5.000	MGL	WATER FOR ROADWAY DUST CONTROL	\$150.00	\$750.00
450.231	21,600.000	TON	SUPERPAVE SURFACE COURSE - 12.5 POLYMER (SSC - 12.5 - P)	\$132.00	\$2,851,200.00
450.32	580.000	TON	SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)	\$177.00	\$102,660.00
450.42	310.000	TON	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5)	\$250.00	\$77,500.00
451.	1,995.000	TON	HMA FOR PATCHING	\$219.00	\$436,905.00
452.	15,850.000	GAL	ASPHALT EMULSION FOR TACK COAT	\$8.12	\$128,702.00
453.	137,900.000	FT	HMA JOINT SEALANT	\$0.68	\$93,772.00
* 457.2	1,350.000	TON	SUPERPAVE WATERPROOFING SURFACE COURSE (SSC-W-12.5)	\$557.00	\$751,950.00
472.	615.000	TON	TEMPORARY ASPHALT PATCHING	\$250.00	\$153,750.00
* 476.001	2,035.000	CY	PORTLAND CEMENT CONCRETE PAVEMENT	\$1,050.00	\$2,136,750.00
* 476.002	140.000	FT	CEMENT CONCRETE CURB VF 150A	\$250.00	\$35,000.00
* 476.003	1,075.000	FT	CEMENT CONCRETE CURB VF 150G	\$195.00	\$209,625.00
482.3	530.000	FT	SAWCUTTING ASPHALT PAVEMENT	\$7.50	\$3,975.00
* 482.31	110.000	FT	SAWING & SEALING JOINTS IN ASPHALT PAVEMENT AT BRIDGES	\$42.00	\$4,620.00
482.5	525.000	FT	SAWCUTTING ASPHALT PAVEMENT FOR BOX WIDENING	\$7.50	\$3,937.50
504.	4,800.000	FT	GRANITE CURB TYPE VA4 - STRAIGHT	\$69.00	\$331,200.00
504.1	660.000	FT	GRANITE CURB TYPE VA4 - CURVED	\$79.00	\$52,140.00
509.	180.000	FT	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - STRAIGHT	\$73.50	\$13,230.00
509.1	200.000	FT	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - CURVED	\$83.50	\$16,700.00
510.	600.000	FT	GRANITE EDGING TYPE SA	\$40.60	\$24,360.00
510.1	280.000	FT	GRANITE EDGING TYPE SA (RADIUS 10 FEET OR LESS)	\$43.60	\$12,208.00
514.	10.000	EA	GRANITE CURB INLET - STRAIGHT	\$750.00	\$7,500.00
516.	10.000	EA	GRANITE CURB CORNER TYPE A	\$585.00	\$5,850.00

* Non-Standard Item

Contract Bid Estimate By Breakouts Combined

Project # : 608494
Contractor : MACKAY CONST SERVICES INC
District : 4
Location : NEWBURY -NEWBURYPORT -SALISBURY
Description : Resurfacing and Related Work on a Section of Route 1

Contract # : 119810
Project Manager ERIC I NOVA

Item #	Quantity	Unit	Item Description	Unit Price	Total
580.	400.000	FT	CURB REMOVED AND RESET	\$52.20	\$20,880.00
581.	10.000	EA	CURB INLET REMOVED AND RESET	\$450.00	\$4,500.00
583.	810.000	FT	EDGING REMOVED AND RESET	\$45.00	\$36,450.00
594.	8,140.000	FT	CURB REMOVED AND DISCARDED	\$8.00	\$65,120.00
595.	10.000	EA	CURB INLET REMOVED AND DISCARDED	\$65.00	\$650.00
597.	1,820.000	FT	EDGING REMOVED AND DISCARDED	\$8.10	\$14,742.00
620.12	340.000	FT	GUARDRAIL, TL-2 (SINGLE FACED)	\$36.20	\$12,308.00
620.13	17,150.000	FT	GUARDRAIL, TL-3 (SINGLE FACED)	\$40.00	\$686,000.00
620.32	90.000	FT	GUARDRAIL - CURVED, TL-2 (SINGLE FACED)	\$46.00	\$4,140.00
621.13	420.000	FT	GUARDRAIL, TL-3 (DOUBLE FACED)	\$62.64	\$26,308.80
* 626.001	50.000	FT	BRIDGE GUARDRAIL RETROFIT – TYPE 1	\$480.00	\$24,000.00
627.1	50.000	EA	TRAILING ANCHORAGE	\$2,295.00	\$114,750.00
627.82	8.000	EA	GUARDRAIL TANGENT END TREATMENT, TL-2	\$4,650.00	\$37,200.00
627.83	25.000	EA	GUARDRAIL TANGENT END TREATMENT, TL-3	\$4,650.00	\$116,250.00
627.93	30.000	EA	GUARDRAIL FLARED END TREATMENT, TL-3	\$5,425.00	\$162,750.00
* 628.001	4.000	EA	BRIDGE GUARDRAIL RETROFIT - ENTRANCE	\$4,800.00	\$19,200.00
628.22	2.000	EA	TRANSITION TO RIGID BARRIER (SINGLE FACED)	\$6,322.00	\$12,644.00
628.23	1.000	EA	TRANSITION TO RIGID BARRIER (DOUBLE FACED)	\$7,250.00	\$7,250.00
628.24	15.000	EA	TRANSITION TO BRIDGE RAIL	\$5,800.00	\$87,000.00
628.305	19.000	EA	TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TL-3	\$6,300.00	\$119,700.00
628.34	5.000	EA	IMPACT ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION	\$22,500.00	\$112,500.00
628.4	36.000	EA	TEMPORARY IMPACT ATTENUATOR, REMOVED AND RESET	\$1,722.00	\$61,992.00
630.2	17,810.000	FT	HIGHWAY GUARD REMOVED AND DISCARDED	\$5.00	\$89,050.00
* 655.3	880.000	FT	SPLIT RAIL FENCE	\$42.00	\$36,960.00
* 657.1	200.000	FT	TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM	\$26.70	\$5,340.00
* 657.11	200.000	FT	TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM REMOVED AND RESET	\$20.00	\$4,000.00
666.	25.000	FT	CHAIN LINK FENCE REMOVED AND RESET	\$69.00	\$1,725.00
668.	1.000	EA	CHAIN LINK FENCE GATE W/GATE POSTS REMOVED & RESET	\$3,850.00	\$3,850.00
* 697.1	170.000	EA	SILT SACK	\$140.00	\$23,800.00
701.	600.000	SY	CEMENT CONCRETE SIDEWALK	\$110.00	\$66,000.00
701.1	450.000	SY	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	\$120.00	\$54,000.00
701.2	140.000	SY	CEMENT CONCRETE PEDESTRIAN CURB RAMP	\$120.00	\$16,800.00
702.	795.000	TON	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY	\$219.00	\$174,105.00
* 740.	35.000	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)	\$4,325.00	\$151,375.00
748.	1.000	LS	MOBILIZATION	\$350,000.00	\$350,000.00
* 748.1	3.000	EA	EMERGENCY RESPONSE	\$3,200.00	\$9,600.00

* Non-Standard Item

Contract Bid Estimate By Breakouts Combined

Project # : 608494
Contractor : MACKAY CONST SERVICES INC
District : 4
Location : NEWBURY -NEWBURYPORT -SALISBURY
Description : Resurfacing and Related Work on a Section of Route 1

Contract # : 119810
Project Manager ERIC I NOVA

Item #	Quantity	Unit	Item Description	Unit Price	Total
751.	850.000	CY	LOAM BORROW	\$63.45	\$53,932.50
765.	5,885.000	SY	SEEDING	\$3.86	\$22,716.10
* 767.121	22,450.000	FT	SEDIMENT CONTROL BARRIER	\$5.16	\$115,842.00
769.	18,430.000	FT	PAVEMENT MILLING MULCH UNDER GUARD RAIL	\$6.23	\$114,818.90
804.3	680.000	FT	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)	\$75.00	\$51,000.00
811.22	4.000	EA	ELECTRIC HANDHOLE - SD2.022	\$1,950.00	\$7,800.00
811.30	6.000	EA	PULL BOX 8 X 23 INCHES - SD2.030	\$2,150.00	\$12,900.00
811.31	2.000	EA	PULL BOX 12 X 12 INCHES - SD2.031	\$1,350.00	\$2,700.00
811.35	10.000	EA	PULL BOX ADJUSTED	\$355.00	\$3,550.00
811.37	4.000	EA	ELECTRIC HANDHOLE ADJUSTED	\$450.00	\$1,800.00
815.98	10.000	FT	FOOTING COST ADJUSTMENT	\$340.00	\$3,400.00
816.01	1.000	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1	\$58,500.00	\$58,500.00
819.831	125.000	FT	WIRE LOOP INSTALLED IN ROADWAY	\$16.24	\$2,030.00
* 824.41	1.000	LS	PEDESTRIAN HYBRID BEACON ROUTE 1 SHARED-USE PATH CROSSING (HAWK) - LOCATION #1	\$118,500.00	\$118,500.00
* 824.511	1.000	EA	FLASHING WARNING BEACON REMOVED AND STACKED (STA. 211+09)	\$938.00	\$938.00
* 824.512	1.000	EA	FLASHING WARNING BEACON REMOVED AND STACKED (STA. 309+30)	\$696.00	\$696.00
829.	245.000	SF	ROADSIDE GUIDE SIGN (G) - ALUMINUM PANEL (TYPE B)	\$28.78	\$7,051.10
* 831.1	130.000	SF	ROADSIDE GUIDE SIGN (MA-D1-XX) - ALUMINUM PANEL (TYPE B)	\$28.76	\$3,738.80
832.	440.000	SF	WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A)	\$13.92	\$6,124.80
833.7	130.000	EA	DELINEATION FOR GUARD RAIL TERMINI	\$68.44	\$8,897.20
834.18	45.000	EA	REFLECTORIZED FLEXIBLE DELINEATOR POST (WHITE)	\$69.80	\$3,141.00
* 841.11	4.000	EA	SUPPORTS FOR GUIDE SIGN (MA-D1-XX) STEEL	\$3,180.00	\$12,720.00
* 844.111	6.000	EA	SUPPORTS FOR GUIDE SIGN (G1) STEEL	\$3,720.00	\$22,320.00
847.1	60.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	\$236.00	\$14,160.00
848.1	4.000	EA	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL	\$468.00	\$1,872.00
851.1	595.000	DAY	TRAFFIC CONES FOR TRAFFIC MANAGEMENT	\$480.00	\$285,600.00
852.	3,850.000	SF	SAFETY SIGNING FOR TRAFFIC MANAGEMENT	\$25.00	\$96,250.00
* 852.11	900.000	FT	TEMPORARY PEDESTRIAN BARRICADE	\$32.00	\$28,800.00
* 852.12	10.000	EA	TEMPORARY PEDESTRIAN CURB RAMP	\$320.00	\$3,200.00
853.1	15.000	EA	PORTABLE BREAKAWAY BARRICADE TYPE III	\$250.00	\$3,750.00
853.31	6,945.000	FT	TEMPORARY RESTRAINED BARRIER REMOVED AND RESET	\$22.00	\$152,790.00
* 853.33	4,105.000	FT	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3)	\$75.00	\$307,875.00
* 853.331	1,695.000	FT	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3) REMOVED & RESET	\$25.00	\$42,375.00

* Non-Standard Item

Contract Bid Estimate By Breakouts Combined

Project # : 608494
Contractor : MACKAY CONST SERVICES INC
District : 4
Location : NEWBURY -NEWBURYPORT -SALISBURY
Description : Resurfacing and Related Work on a Section of Route 1

Contract # : 119810
Project Manager ERIC I NOVA

Item #	Quantity	Unit	Item Description	Unit Price	Total
853.403	850.000	DAY	TRUCK MOUNTED ATTENUATOR	\$161.00	\$136,850.00
853.8	360.000	DAY	TEMPORARY ILLUMINATION FOR WORK ZONE	\$215.00	\$77,400.00
854.016	135,335.000	FT	TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)	\$0.50	\$67,667.50
854.036	24,700.000	FT	TEMPORARY PAVING MARKINGS - 6 INCH (TAPE)	\$1.50	\$37,050.00
854.1	12,420.000	SF	PAVEMENT MARKING REMOVAL	\$1.43	\$17,760.60
856.	810.000	DAY	ARROW BOARD	\$18.00	\$14,580.00
856.12	2,520.000	DAY	PORTABLE CHANGEABLE MESSAGE SIGN	\$18.00	\$45,360.00
859.	56,910.000	DAY	REFLECTORIZED DRUM	\$0.50	\$28,455.00
* 859.1	400.000	DAY	REFLECTORIZED DRUMS WITH SEQUENTIAL FLASHING WARNING LIGHTS	\$12.00	\$4,800.00
* 863.1	8,600.000	SF	HIGH FRICTION SURFACE TREATMENT	\$12.50	\$107,500.00
864.	100.000	SF	PAVEMENT ARROW REFLECTORIZED WHITE (PAINTED)	\$25.90	\$2,590.00
864.04	695.000	SF	PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC)	\$25.90	\$18,000.50
* 864.32	70.000	EA	SLOTTED PAVEMENT MARKER ONE-WAY YELLOW	\$30.00	\$2,100.00
* 864.35	1,275.000	EA	SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW	\$30.00	\$38,250.00
866.112	3,485.000	FT	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	\$6.00	\$20,910.00
* 868.106	66,000.000	FT	6 INCH RECESSED WET REFLECTIVE WHITE LINE (THERMOPLASTIC)	\$1.96	\$129,360.00
* 868.112	1,000.000	FT	12 INCH RECESSED WET REFLECTIVE WHITE LINE (THERMOPLASTIC)	\$8.26	\$8,260.00
* 868.304	35.000	FT	4 INCH RECESSED WET REFLECTIVE WHITE LINE (PREFORMED)	\$12.00	\$420.00
* 868.306	6,130.000	FT	6 INCH RECESSED WET REFLECTIVE WHITE LINE (PREFORMED)	\$12.00	\$73,560.00
* 868.406	3,080.000	FT	6 INCH WET REFLECTIVE RECESSED CONTRAST WHITE LINE (PREFORMED)	\$13.50	\$41,580.00
* 868.412	220.000	FT	12 INCH WET REFLECTIVE RECESSED CONTRAST WHITE LINE (PREFORMED)	\$24.00	\$5,280.00
* 869.106	67,175.000	FT	6 INCH RECESSED WET REFLECTIVE YELLOW LINE (THERMOPLASTIC)	\$1.96	\$131,663.00
* 869.112	2,565.000	FT	12 INCH RECESSED WET REFLECTIVE YELLOW LINE (THERMOPLASTIC)	\$8.00	\$20,520.00
* 869.406	3,190.000	FT	6 INCH WET REFLECTIVE RECESSED CONTRAST YELLOW LINE (PREFORMED)	\$15.54	\$49,572.60
* 869.412	60.000	FT	12 INCH WET REFLECTIVE RECESSED CONTRAST YELLOW LINE (PREFORMED)	\$24.00	\$1,440.00
874.	1.000	EA	STREET NAME SIGN	\$95.00	\$95.00
* 874.2	20.000	EA	TRAFFIC SIGN REMOVED AND RESET	\$225.00	\$4,500.00
* 874.4	35.000	EA	TRAFFIC SIGN REMOVED AND STACKED	\$50.00	\$1,750.00
* 874.41	30.000	EA	TRAFFIC SIGN REMOVED AND DISCARDED	\$50.00	\$1,500.00
* 877.2	30.000	EA	SIGN POST REMOVED AND STACKED	\$50.00	\$1,500.00
905.	10.000	CY	4000 PSI, 3/8 INCH, 660 CEMENT CONCRETE	\$7,850.00	\$78,500.00

* Non-Standard Item

Contract Bid Estimate By Breakouts Combined

Project # : 608494
Contractor : MACKAY CONST SERVICES INC
District : 4
Location : NEWBURY -NEWBURYPORT -SALISBURY
Description : Resurfacing and Related Work on a Section of Route 1

Contract # : 119810
Project Manager ERIC I NOVA

Item #	Quantity	Unit	Item Description	Unit Price	Total
* 909.3	160.000	CY	RAPID SETTING LOW PERMEABILTY CONCRETE	\$2,200.00	\$352,000.00
910.	5,650.000	LB	STEEL REINFORCEMENT FOR STRUCTURES	\$3.00	\$16,950.00
* 971.2	210.000	FT	MODIFIED ASPHALTIC BRIDGE JOINT SYSTEM	\$261.00	\$54,810.00
* 972.62	180.000	FT	NEOPRENE STRIP SEAL FOR BRIDGE JOINT	\$246.00	\$44,280.00
* 973.2	710.000	FT	PRE-COMPRESSED JOINT SEAL	\$140.00	\$99,400.00
* 994.1	1,080.000	SF	TEMPORARY PROTECTIVE SHIELDING	\$36.54	\$39,463.20
* 994.12	4,310.000	SF	TEMPORARY PROTECTIVE SHIELDING REMOVED AND RESET	\$8.23	\$35,471.30
Contract Bid Estimate Grand Total :					\$17,187,676.85

DOCUMENT B00420
PROPOSAL

For Resurfacing and Related Work on a Section of Route 1 [NEWBURY -NEWBURYPORT
-SALISBURY]

COMMONWEALTH OF MASSACHUSETTS

LOCATION.

The work referred to herein is in the NEWBURY -NEWBURYPORT -SALISBURY,
Commonwealth of Massachusetts, and is shown by a set of plans and profiles, on
file in the office of the Highway Division and extends as follows:

SEE LOCUS MAP - DOCUMENT 00331

To the Party of the First Part:

The undersigned, as bidder, certifies that he/she is able to furnish labor
that can work in harmony with all other elements of labor employed or to be
employed in the work.

The undersigned, as bidder, declares that the only persons or parties
interested in this proposal as principals are those named herein; that this
proposal is made without collusion with any other person, firm or corporation;
that he/she has carefully examined the location of the proposed work, the
proposed form of contract, the standard specifications and plans therein
referred to and the Special Provisions hereto annexed; and he/she proposes and
agrees, if this proposal is accepted, that he/she will contract with the Party
of the First Part, in the form of the contract referred to herein and to be
annexed hereto, to provide all necessary machinery, tools, apparatus and other
means of construction, and to do all the work and furnish all the materials
specified in the contract, in the manner and time therein prescribed, and
according to the requirements of the Engineer as therein set forth, and that
he/she will take in full payment therefore the following unit prices, to wit:

**ADDENDA ACKNOWLEDGMENT
COMMONWEALTH OF MASSACHUSETTS
MassDOT
10 PARK PLAZA, BOSTON, MA**

Proposal No: 608494-119810

Municipality: NEWBURY -NEWBURYPORT -SALISBURY

Proposal Description: Resurfacing and Related Work on a Section of Route 1
[NEWBURY -NEWBURYPORT -SALISBURY]

The bidder acknowledges that the bid as submitted includes the following
addenda:

Addenda Number	Date Issued	Addenda Number	Date Issued
1	10/25/22		
2	11/3/22		
3	11/8/22		
4	11/8/22		
5	11/15/22		
6	11/18/22		

I AGREE THAT FAILURE TO ACKNOWLEDGE INCLUSION OF ANY ADDENDA ISSUED FOR THIS PROJECT MAY RESULT IN THIS BID BEING DECLARED NON-RESPONSIVE AND NOT ELIGIBLE FOR AWARD CONSIDERATION.

END OF DOCUMENT

**AFFIDAVIT OF NON-COLLUSION
COMMONWEALTH OF MASSACHUSETTS
MassDOT
10 PARK PLAZA, BOSTON, MA**

Proposal No: 608494-119810

Municipality: NEWBURY -NEWBURYPORT -SALISBURY

Proposal Description: Resurfacing and Related Work on a Section of Route 1
[NEWBURY -NEWBURYPORT -SALISBURY]

The bidder acknowledges that the bid as submitted includes the following
addenda:

The undersigned certifies under 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 paragraph the word "person" shall mean any natural
person, joint venture, partnership, corporation or other business or legal
entity. The undersigned further certifies that said Bidder has not, either
directly or indirectly, entered into any agreement or otherwise taken any
action in restraint of free competitive bidding in connection with this
proposal.

The undersigned, under the pains and penalties or perjury, states that he/she
is the sole owner, partner, president, treasurer, or other duly authorized
agent or official of

MacKay Construction Services, Inc
(Name of Bidder as appearing in submitted proposal)

197 Ballardvale Street
(Address of Bidder)

Wilmington, MA 01887
(City, State) (Zip Code)

617-314-6213
(Telephone Number of Bidder)

I AGREE THAT FAILURE TO COMPLETE THIS AFFADAVIT WILL RESULT IN THIS BID BEING
DECLARED NON-RESPONSIVE AND NOT ELIGIBLE FOR AWARD CONSIDERATION.

END OF DOCUMENT

FILE ATTACHMENTS
COMMONWEALTH OF MASSACHUSETTS
MassDOT
10 PARK PLAZA, BOSTON, MA

Proposal No: 608494-119810

Municipality: NEWBURY -NEWBURYPORT -SALISBURY

Proposal Description: Resurfacing and Related Work on a Section of Route 1
[NEWBURY -NEWBURYPORT -SALISBURY]

Upload technical documents below.

Note: There is a 5MB file size limit per attached file:

Attachment #1 Description:

Attachment #2 Description:

Attachment #3 Description:

Attachment #4 Description:

BID BOND

☐ Paid by certified check / submitted paper bond / bond is not required for this bid

**Electronic Bid Bond #: SMA11219024

**Surety Registry Agency: Surety2000

Surety Company: Merchants National Bonding, Inc.

** = Required

KNOW ALL MEN BY THESE PRESENTS THAT MacKay Construction Services, Inc as principal, and Merchant's National Bonding, Inc, as surety, who is duly licensed to act as surety in the Commonwealth of Massachusetts, are held and firmly bound unto the Commonwealth of Massachusetts through MassDOT as obligee, in the penal sum of Eight Hundred Seventy Thousand Seven Hundred Ninety Eight Dollars and Eighty Four Cents DOLLARS (not to be less than 5% of the bid price), lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The condition of the above obligation is such that whereas the Principal has submitted to the Obligee /Owner a certain Bid, attached hereto and hereby made a part hereof, to enter into a contract in writing for the:

Resurfacing and Related Work on a Section of Route 1 [NEWBURY -NEWBURYPORT - SALISBURY]

Name of Contract

NOW, THEREFORE, THE CONDITION OF THE ABOVE OBLIGATION is such, that if the bid shall be rejected or if the principal shall be awarded the contract for which the bid is submitted and shall execute the contract and give bond for the faithful performance thereof within fourteen (14) days after the award of same to the principal, then this obligation shall be null and void; but if the principal fails to so execute such contract and give performance bond as required by MGL Chapter 30,\$39M, the surety shall, upon demand, forthwith pay to the obligee the amount set forth in the first paragraph hereof. The Surety for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall in no way be impaired or affected by any extension of time within which the Obligee/ Owner may accept the Bid and said Surety waives notice of any such extension. Provided further, that the bid may be withdrawn as provided by Section 2.07 of the Standard Specifications for Highways and Bridges latest edition.

DOCUMENT B00853

SCHEDULE OF PARTICIPATION BY DISADVANTAGED BUSINESS ENTERPRISES (DBES)

PRIME BIDDER: Mackay Construction Services, Inc.

DATE OF BID OPENING: 11/22/22 PROJECT NO.: 608494

FEDERAL AID PROJECT NO. NHP(NHS)/HPP-003S(264)X

PROJECT LOCATION: NEWBURY-NEWBURYPORT-SALISBURY

Name, Address, and Phone Number(s) of DBE	Name of Activity	(a)† DBE Contractor Activity Amount <i>Construction Work</i>	(b) DBE Other Business Amount <i>Services, Supplies, Material</i>	(c) Total amount eligible for credit under rules in Section 6 of Document 00719 - DBE Special Provisions
AM Equipment 529 Main St Charlestown, MA 607-768-3618	Various Items			
	See Attached	2,674,235.40		2,674,235.40
Total Bid Amount	TOTALS:	\$ 2,674,235.40	\$	\$ 2,674,235.40
\$ 17,187,676.85	DBE Percentage of Total Bid:	15.5 %	%	15.5 %

† Column (a) must be at least one-half of the DBE participation goal. Attach additional sheets as necessary.

Is MassDOT Document B00855 (Joint Check Approval) being submitted for any of the above? ☐ Yes ☒ No

☐ Not Known at This Time

Will any of the contractors listed above be using a third party (i.e. manufacturer) to deliver materials or perform any portion of work by a third party? ☐ Yes ☐ No

CERTIFICATION: I HEREBY DECLARE, TO THE BEST OF MY KNOWLEDGE, THAT I HAVE READ THE SPECIAL PROVISIONS FOR PARTICIPATION BY DISADVANTAGED BUSINESS ENTERPRISES - DOCUMENT 00719. BOTH THIS SCHEDULE AND THE RELEVANT AND ACCOMPANYING LETTER(S) OF INTENT ARE IN FULL COMPLIANCE WITH THE PROVISIONS OF, AND IN ACCORDANCE WITH, TITLE 49 CODE OF FEDERAL REGULATIONS, PART 26 (49 CFR Part 26).

SIGNATURE: Kyle Annetto DATE 11/22/22

NAME AND TITLE (PRINT): Kyle Annetto Chief Operations Officer

EMAIL ADDRESS: Kannotto@mackaycompanies.com TEL NO.: 781-760-1985

*** END OF DOCUMENT ***

Am Equipment						
LineNumber	ItemNumber	ShortDesc	Quantity	Unit	UnitPrice	Extension
10	127.1	REINFORCED CONCRETE EXCAVATION	160	CY	\$ 3,550.00	\$ 568,000.00
30	221.1	FRAME AND COVER - SECURED	35	EA	\$ 889.00	\$ 31,115.00
31	221.11	FRAME AND COVER - MUNICIPAL SECURED	10	EA	\$ 889.00	\$ 8,890.00
32	222.1	FRAME AND GRATE - MASSDOT CASCADE TYPE	115	EA	\$ 989.00	\$ 113,735.00
33	222.3	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	15	EA	\$ 1,313.00	\$ 19,695.00
34	223.2	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED	195	EA	\$ 50.00	\$ 9,750.00
35	227.3	REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	250	CY	\$ 324.00	\$ 81,000.00
36	227.31	REMOVAL OF DRAINAGE PIPE SEDIMENT	3625	FT	\$ 11.00	\$ 39,875.00
41	358	GATE BOX ADJUSTED	5	EA	\$ 242.00	\$ 1,210.00
42	381	SERVICE BOX	1	EA	\$ 1,100.00	\$ 1,100.00
43	381.3	SERVICE BOX ADJUSTED	1	EA	\$ 220.00	\$ 220.00
45	402.13	PAVEMENT MILLING MULCH FOR SHOULDERS	27250	FT	\$ 3.48	\$ 94,830.00
52	450.32	SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)	580	TON	\$ 177.00	\$ 102,660.00
53	450.42	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5)	310	TON	\$ 250.00	\$ 77,500.00
54	451	HMA FOR PATCHING	1995	TON	\$ 219.00	\$ 436,905.00
101	697.1	SILT SACK	170	EA	\$ 140.00	\$ 23,800.00
102	701	CEMENT CONCRETE SIDEWALK	600	SY	\$ 110.00	\$ 66,000.00
103	701.1	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	450	SY	\$ 120.00	\$ 54,000.00
104	701.2	CEMENT CONCRETE PEDESTRIAN CURB RAMP	140	SY	\$ 120.00	\$ 16,800.00
105	702	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY	795	TON	\$ 219.00	\$ 174,105.00
111	767.121	SEDIMENT CONTROL BARRIER	22450	FT	\$ 5.16	\$ 115,842.00
112	769	PAVEMENT MILLING MULCH UNDER GUARD RAIL	18430	FT	\$ 6.23	\$ 114,818.90
172	905	4000 PSI- 3/8 INCH- 660 CEMENT CONCRETE	10	CY	\$ 7,850.00	\$ 78,500.00
173	909.3	RAPID SETTING LOW PERMEABILTY CONCRETE	160	CY	\$ 2,200.00	\$ 352,000.00
174	910	STEEL REINFORCEMENT FOR STRUCTURES	5650	LB	\$ 3.00	\$ 16,950.00
178	994.1	TEMPORARY PROTECTIVE SHIELDING	1080	SF	\$ 36.54	\$ 39,463.20
179	994.12	TEMPORARY PROTECTIVE SHIELDING REMOVED AND RESET	4310	SF	\$ 8.23	\$ 35,471.30
						\$ 2,674,235.40

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DOCUMENT B00854

DISADVANTAGED BUSINESS ENTERPRISES (DBE) PARTICIPATION

LETTER OF INTENT

(To be completed by the DBE – Page 1 of 2)

TO: Mackay Construction Services, Inc (Prime Bidder)FROM: AM Equipment, LLC (DBE Firm)RE: PROJECT NO.: 608494 FEDERAL AID PROJECT NO.: NHP(NHS)/HPP-003S(264)XPROJECT LOCATION: NEWBURY-NEWBURYPORT-SALISBURYDATE OF BID OPENING: November 25th, 2022I, Andris Rieksts, authorized signatory of the above-referenced DBE firm hereby declare:
Print Name

1. My company is currently certified as a Disadvantaged Business Enterprise (DBE) by the Massachusetts Supplier Diversity Office ("SDO"), formerly known as the State Office of Minority and Women Business Assistance (SOMWBA), as a: (check all applicable, see Section 1 of the Special Provisions For Participation By Disadvantaged Business Enterprises, MassDOT Document 00719 additional guidance is available at Title 49, Code of Federal Regulations, Part 26.55 (49 CFR Part 26.55)):

(☒) CONTRACTOR () REGULAR DEALER () BROKER
() MANUFACTURER () TRUCKING OPERATIONS () PROFESSIONAL SERVICES

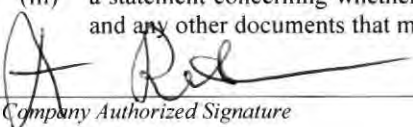
2. My firm has the ability to manage, supervise and perform the activity described on page 2 of this Letter of Intent. If you are awarded the contract, my company intends to enter into a contract with your firm to perform the items of work or other activity described on the following sheet for the prices indicated.
3. There have been no changes affecting the ownership, control or independence of my company since my last certification review on October 20, 2022. If any such change is planned or occurs prior to my company's completion of this proposed work, I will give prior written notification to your firm and to the Massachusetts Department of Transportation ("MassDOT") Office of Civil Rights and SDO.
4. I have read the MassDOT proposal for the Project which may be entitled "Project Contract Documents and Special Provisions" or the draft "Contract" which includes MassDOT Document 00719, and acknowledge that my company will comply with that document and the requirements of 49 CFR Part 26.
5. For the purpose of obtaining subcontractor approval from MassDOT, my firm will provide to you:

A. *The following construction work:*

- (i) a resume, stating the qualifications and experience, of the superintendent or foreperson who will supervise on site-work;
- (ii) a list of equipment owned or leased by my firm for use on this project; and
- (iii) a list of all projects (public or private) upon which my firm is currently performing, is committed to perform, or intends to make a commitment to perform. I shall also include, for each project: the name and telephone number of a contact person for the contracting authority, person, or organization; the dollar value of the work; a description of the work; and my firm's work schedule for the project.

B. *The following services, materials or supplies:*

- (i) a written agreement and invoices for the materials or supplies, and any other documents evidencing the terms of providing such items;
- (ii) information concerning brokers fees and commissions for providing services or materials; and
- (iii) a statement concerning whether my firm intends or will be required to use a joint check arrangement; and any other documents that may be required by MassDOT.


DBE Company Authorized Signature

Date _____

DISADVANTAGED BUSINESS ENTERPRISES (DBE) PARTICIPATION
 LETTER OF INTENT

(To be completed by the DBE – Page 2 of 2)

DATE OF BID OPENING: November 22, 2022PROJECT NUMBER: 608494FEDERAL AID PROJECT NUMBER: NHP(NHS)/HPP-003S(264)XPROJECT LOCATION: NEWBURY-NEWBURYPORT-SALISBURYPRIME BIDDER: Mackay Construction Services, IncDBE COMPANY NAME: AM Equipment

<u>Item number</u> if applicable	<u>NAICS</u> <u>Code</u>	<u>Description of Activity</u> with notations such as Services, or Brokerage, Installation Only, Material Only, or Complete	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
Various	237310	All Complete			
	238940	Please See Attach			
	238110				
	238910				
TOTAL AMOUNT:					\$2,674,235.40

Please give full explanations, attach additional sheets if necessary.

 I HEREBY VERIFY THAT AM Equipment LLC WILL SOLELY
 (DBE company name)
 PERFORM THE WORK, OR PROVIDE THE SERVICES OR MATERIALS, AS DESCRIBED ABOVE.
DBE AUTHORIZED SIGNATURE: [Signature]NAME AND TITLE (PRINT): Andris RiekstsTELEPHONE NUMBER: 607-768-3618 FAX NUMBER: 518-358-2043EMAIL ADDRESS: AME LLC 2009@gmail.com

*** END OF DOCUMENT ***

Rev'd 9/20/19

Am Equipment						
LineNumber	ItemNumber	ShortDesc	Quantity	Unit	UnitPrice	Extension
10	127.1	REINFORCED CONCRETE EXCAVATION	160	CY	\$ 3,550.00	\$ 568,000.00
30	221.1	FRAME AND COVER - SECURED	35	EA	\$ 889.00	\$ 31,115.00
31	221.11	FRAME AND COVER - MUNICIPAL SECURED	10	EA	\$ 889.00	\$ 8,890.00
32	222.1	FRAME AND GRATE - MASSDOT CASCADE TYPE	115	EA	\$ 989.00	\$ 113,735.00
33	222.3	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD	15	EA	\$ 1,313.00	\$ 19,695.00
34	223.2	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED	195	EA	\$ 50.00	\$ 9,750.00
35	227.3	REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	250	CY	\$ 324.00	\$ 81,000.00
36	227.31	REMOVAL OF DRAINAGE PIPE SEDIMENT	3625	FT	\$ 11.00	\$ 39,875.00
41	358	GATE BOX ADJUSTED	5	EA	\$ 242.00	\$ 1,210.00
42	381	SERVICE BOX	1	EA	\$ 1,100.00	\$ 1,100.00
43	381.3	SERVICE BOX ADJUSTED	1	EA	\$ 220.00	\$ 220.00
45	402.13	PAVEMENT MILLING MULCH FOR SHOULDERS	27250	FT	\$ 3.48	\$ 94,830.00
52	450.32	SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)	580	TON	\$ 177.00	\$ 102,660.00
53	450.42	SUPERPAVE BASE COURSE - 37.5 (SBC - 37.5)	310	TON	\$ 250.00	\$ 77,500.00
54	451	HMA FOR PATCHING	1995	TON	\$ 219.00	\$ 436,905.00
101	697.1	SILT SACK	170	EA	\$ 140.00	\$ 23,800.00
102	701	CEMENT CONCRETE SIDEWALK	600	SY	\$ 110.00	\$ 66,000.00
103	701.1	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	450	SY	\$ 120.00	\$ 54,000.00
104	701.2	CEMENT CONCRETE PEDESTRIAN CURB RAMP	140	SY	\$ 120.00	\$ 16,800.00
105	702	HOT MIX ASPHALT SIDEWALK OR DRIVEWAY	795	TON	\$ 219.00	\$ 174,105.00
111	767.121	SEDIMENT CONTROL BARRIER	22450	FT	\$ 5.16	\$ 115,842.00
112	769	PAVEMENT MILLING MULCH UNDER GUARD RAIL	18430	FT	\$ 6.23	\$ 114,818.90
172	905	4000 PSI- 3/8 INCH- 660 CEMENT CONCRETE	10	CY	\$ 7,850.00	\$ 78,500.00
173	909.3	RAPID SETTING LOW PERMEABILTY CONCRETE	160	CY	\$ 2,200.00	\$ 352,000.00
174	910	STEEL REINFORCEMENT FOR STRUCTURES	5650	LB	\$ 3.00	\$ 16,950.00
178	994.1	TEMPORARY PROTECTIVE SHIELDING	1080	SF	\$ 36.54	\$ 39,463.20
179	994.12	TEMPORARY PROTECTIVE SHIELDING REMOVED AND RESET	4310	SF	\$ 8.23	\$ 35,471.30
						\$ 2,674,235.40



Charles D. Baker, Governor
Karyn E. Polito, Lieutenant Governor
Jamey Tesler, Secretary & CEO

massDOT
Massachusetts Department of Transportation
DBE Certification Office | MassUCP

October 20, 2022

Mr. Andris Rieksts
AM Equipment, LLC
529 Main Street, Suite 200
Charlestown, MA 02129-1125

This letter serves as sole and exclusive proof of your firm's DBE certification

Dear Mr. Rieksts:

Congratulations! The Massachusetts Unified Certification Program (MassUCP), is pleased to notify you that we have renewed your company as a disadvantaged business enterprise (DBE). Your company continues to be assigned **NAICS Code(s) 237310, 238990, 238190, 238110 and 238910** with the certified business description of **SITE WORK, CONCRETE, ASPHALT PAVING AND UTILITIES SERVICES** and will remain listed in our certified business directory.

As a DBE, you must inform MassUCP in writing of any change in circumstances affecting your ability to meet size, disadvantaged status, ownership, control requirements or any material change in the information provided in your application form. Changes in management responsibility among members of a limited liability company are covered by this requirement. You must attach supporting documentation describing in detail the nature of such changes. The notice must take the form of an affidavit sworn to by the owners of the firm before a person who is authorized by state law to administer oaths or of an un-sworn declaration executed under penalty of perjury of the laws of the United States. You must provide the written notification within 30 days of the occurrence of the change. If you fail to make timely notification of such a change, you will be deemed to have failed to cooperate under 49 CFR 26.109(c).

To renew your firm's DBE certification and if it continues to meet the applicable criteria, on or before your firm's certification anniversary date of **October 22, 2023**, and each year thereafter, please send the MassUCP the following documents:

- (1) **No Change Affidavit (will be sent with reminder letter)**
- (2) A signed copy of your company's, and all of its affiliates', U.S. Tax Returns including all schedules and attachments for the year(s) indicated.
- (3) A signed copy of your personal tax returns for years(s) indicated.
- (4) If a sole proprietor, a signed copy of your Schedule C for year(s) indicated.
- (5) A statement of the number only of full and part-time employees (including owner) for each year indicated.

If you have changed your company name or address, please notify Ms. Nedra D. White, in writing on the company's letterhead in order to update your state vendor file.

MassUCP reserves the right to monitor, perform random spot checks, re-evaluate the firm or revoke the firm's certification if it no longer meets the certification criteria.

During the period of your certification, if you have further questions regarding annual review, please contact Ms. Nedra D. White, Director, MassUCP at (857) 368-8659.

Very truly yours,

A handwritten signature in black ink, appearing to read "Nedra D. White". The signature is written in a cursive, flowing style.

Nedra D. White, Director
MassUCP/DBE Certification Program

**NEWBURY - NEWBURYPORT - SALISBURY - 608494 - 119810 - FAP# HPP-003S(264)X;NHP(NHS)-003S(264)X - 61212114 & 61212117 -
Resurfacing and Related Work on a Section of Route 1**

DBE % (goal): 15.00 %

MWBE % (goal):

SDVOB % (goal):

OFFICE ESTIMATE: \$14,263,094.85

MACKAY CONST SERVICES INC

197 Ballardvale Street, Wilmington, MA, 01887

\$17,187,676.85

HOLCIM-NER INC

1715 Broadway, Saugus, MA, 01906

\$20,275,381.15