

Date/Time:
 Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
 Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Bidder: 2880

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Sps New England, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0110.003	CPM SCHEDULING	LS	1	\$53,938.00	\$53,938.00	\$500,000.00	\$500,000.00	\$446,062.00	\$446,062.00
0130.100	FIELD OFFICE - TRAILER	LS	1	\$21,294.00	\$21,294.00	\$200,000.00	\$200,000.00	\$178,706.00	\$178,706.00
0130.429	TRAFFIC OFFICERS SERVICES	AN	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$0.00	\$0.00
0211.000	DEMOLITION	LS	1	\$3,625,293.00	\$3,625,293.00	\$8,000,000.00	\$8,000,000.00	\$4,374,707.00	\$4,374,707.00
0213.212	INTEGRATED PEST MANAGEMENT	AN	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00
0216.042	TEMPORARY WORK PLATFORM/SHIELDING	LS	1	\$6,600,285.00	\$6,600,285.00	\$13,400,000.00	\$13,400,000.00	\$6,799,715.00	\$6,799,715.00
0221.331	DISPOSE OF QUALIFYING SOILS	AN	1	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$0.00	\$0.00
0222.345	DISPOSE OF RCRA HAZARDOUS WASTE	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0222.363	HAZARDOUS MATERIALS HEALTH AND SAFETY PLAN	LS	1	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00	(\$40,000.00)	(\$40,000.00)

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Contract B22CN02

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 Viaduct, Boston and Cambridge, MA

Bidder: 2880

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Sps New England, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0222.364	HAZARDOUS MATERIALS ABATEMENT WORK PLAN	LS	1	\$74,859.00	\$74,859.00	\$10,000.00	\$10,000.00	(\$64,859.00)	(\$64,859.00)
0226.021	HERBICIDE	AC	1	\$938.00	\$938.00	\$5,500.00	\$5,500.00	\$4,562.00	\$4,562.00
0271.072	72" CHAIN LINK FENCE	LF	270	\$6.00	\$1,620.00	\$50.00	\$13,500.00	\$44.00	\$11,880.00
0271.272	72" CHAIN LINK FENCE GATE WITH POSTS	LF	20	\$15.00	\$300.00	\$130.00	\$2,600.00	\$115.00	\$2,300.00
0290.148	TIMBER TIE AND BALLAST TRANSIT TRACK CONSTRUCTION	LF	500	\$639.00	\$319,500.00	\$280.00	\$140,000.00	(\$359.00)	(\$179,500.00)
0290.154	TANGENT DIRECT FIXATION TRACKWORK	LF	3,136	\$305.00	\$956,480.00	\$840.00	\$2,634,240.00	\$535.00	\$1,677,760.00
0294.120	BRIDGE TIES FURNISH AND INSTALL	EA	2,342	\$570.00	\$1,334,940.00	\$240.00	\$562,080.00	(\$330.00)	(\$772,860.00)
0310.040	CONCRETE CLEANING	LS	1	\$1,200,814.00	\$1,200,814.00	\$730,000.00	\$730,000.00	(\$470,814.00)	(\$470,814.00)
0321.101	REINFORCING STEEL - EPOXY COATED	LB	2,000	\$2.00	\$4,000.00	\$2.50	\$5,000.00	\$0.50	\$1,000.00

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Bid Date: 12/05/2019

Engineer: 3109

Contract B22CN02

Bidder: 2880

Firm Name: Vanasse Hangen Brustlin Inc.

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Sps New England, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0329.950	CAST-IN-PLACE CONCRETE	CY	305	\$1,638.00	\$499,590.00	\$5,000.00	\$1,525,000.00	\$3,362.00	\$1,025,410.00
0340.000	PRECAST CONCRETE	LS	1	\$5,336,513.00	\$5,336,513.00	\$5,300,000.00	\$5,300,000.00	(\$36,513.00)	(\$36,513.00)
0354.001	STRUCTURAL CRACK REPAIR BY EPOXY INJECTION	LF	36,000	\$76.00	\$2,736,000.00	\$17.25	\$621,000.00	(\$58.75)	(\$2,115,000.00)
0354.075	PATCHING VERTICAL OR OVERHEAD SURFACES	SF	3,000	\$45.00	\$135,000.00	\$53.00	\$159,000.00	\$8.00	\$24,000.00
0354.086	HORIZONTAL AND VERTICAL DEEP PATCH 0" - 3"	SF	9,000	\$45.00	\$405,000.00	\$57.00	\$513,000.00	\$12.00	\$108,000.00
0354.087	HORIZONTAL AND VERTICAL DEEP PATCH 3" - 6"	SF	13,500	\$45.00	\$607,500.00	\$46.00	\$621,000.00	\$1.00	\$13,500.00
0354.088	HORIZONTAL AND VERTICAL DEEP PATCH 6" - 12"	SF	4,500	\$45.00	\$202,500.00	\$73.00	\$328,500.00	\$28.00	\$126,000.00
0380.001	CARBON FIBER WRAP	LS	1	\$7,608,765.00	\$7,608,765.00	\$5,000,000.00	\$5,000,000.00	(\$2,608,765.00)	(\$2,608,765.00)
0510.340	STRUCTURAL STEEL	LS	1	\$4,036,233.00	\$4,036,233.00	\$3,300,000.00	\$3,300,000.00	(\$736,233.00)	(\$736,233.00)

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Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Bidder: 2880

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Sps New England, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0510.355	STRUCTURAL STEEL FOR REPAIRS	LB	22,000	\$34.00	\$748,000.00	\$24.00	\$528,000.00	(\$10.00)	(\$220,000.00)
0550.000	MISCELLANEOUS METALS	LS	1	\$526,749.00	\$526,749.00	\$400,000.00	\$400,000.00	(\$126,749.00)	(\$126,749.00)
0613.019	ACCESS PLATFORM	LS	1	\$1,082,715.00	\$1,082,715.00	\$2,200,000.00	\$2,200,000.00	\$1,117,285.00	\$1,117,285.00
0710.001	COLD FLUID APPLIED WATERPROOFING	SF	18,000	\$20.00	\$360,000.00	\$18.00	\$324,000.00	(\$2.00)	(\$36,000.00)
0710.700	WATER REPELLENT COATINGS	LS	1	\$4,121.00	\$4,121.00	\$125,000.00	\$125,000.00	\$120,879.00	\$120,879.00
0790.054	JOINT SEALANTS	LF	6,000	\$5.00	\$30,000.00	\$75.00	\$450,000.00	\$70.00	\$420,000.00
0810.002	METAL DOORS AND FRAMES	EA	9	\$7,832.00	\$70,488.00	\$3,600.00	\$32,400.00	(\$4,232.00)	(\$38,088.00)
0986.100	ANTI-GRAFFITI COATING	LS	1	\$20,776.00	\$20,776.00	\$45,000.00	\$45,000.00	\$24,224.00	\$24,224.00
0990.600	PAINT EXISTING BRIDGE STEEL	LS	1	\$1,068,471.00	\$1,068,471.00	\$1,050,000.00	\$1,050,000.00	(\$18,471.00)	(\$18,471.00)

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Viaduct, Boston and Cambridge, MA

Engineer: 3109
Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Sps New England, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1600.357	CATENARY WORK	LS	1	\$2,487,969.00	\$2,487,969.00	\$4,750,000.00	\$4,750,000.00	\$2,262,031.00	\$2,262,031.00
1650.003	SIGNAL & COMMUNICATION SYSTEM	LS	1	\$4,212,099.00	\$4,212,099.00	\$4,800,000.00	\$4,800,000.00	\$587,901.00	\$587,901.00
6500.000	RISK ALLOWANCE	RA	1	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$0.00	\$0.00
Total Estimate Contract Base Bid:					\$50,032,750.00		\$61,894,820.00		\$11,862,070.00
Contract Total - Base Bid and Alternates:					\$50,032,750.00		\$61,894,820.00		\$11,862,070.00

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Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 2997

Engineer: 3109

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: The Middlesex Corp.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0110.003	CPM SCHEDULING	LS	1	\$53,938.00	\$53,938.00	\$200,000.00	\$200,000.00	\$146,062.00	\$146,062.00
0130.100	FIELD OFFICE - TRAILER	LS	1	\$21,294.00	\$21,294.00	\$250,000.00	\$250,000.00	\$228,706.00	\$228,706.00
0130.429	TRAFFIC OFFICERS SERVICES	AN	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$0.00	\$0.00
0211.000	DEMOLITION	LS	1	\$3,625,293.00	\$3,625,293.00	\$31,074,000.00	\$31,074,000.00	\$27,448,707.00	\$27,448,707.00
0213.212	INTEGRATED PEST MANAGEMENT	AN	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00
0216.042	TEMPORARY WORK PLATFORM/SHIELDING	LS	1	\$6,600,285.00	\$6,600,285.00	\$4,000,000.00	\$4,000,000.00	(\$2,600,285.00)	(\$2,600,285.00)
0221.331	DISPOSE OF QUALIFYING SOILS	AN	1	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$0.00	\$0.00
0222.345	DISPOSE OF RCRA HAZARDOUS WASTE	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0222.363	HAZARDOUS MATERIALS HEALTH AND SAFETY PLAN	LS	1	\$50,000.00	\$50,000.00	\$5,000.00	\$5,000.00	(\$45,000.00)	(\$45,000.00)

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Engineer: 3109

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Viaduct, Boston and Cambridge, MA

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Firm Name: The Middlesex Corp.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0222.364	HAZARDOUS MATERIALS ABATEMENT WORK PLAN	LS	1	\$74,859.00	\$74,859.00	\$5,000.00	\$5,000.00	(\$69,859.00)	(\$69,859.00)
0226.021	HERBICIDE	AC	1	\$938.00	\$938.00	\$5,200.00	\$5,200.00	\$4,262.00	\$4,262.00
0271.072	72" CHAIN LINK FENCE	LF	270	\$6.00	\$1,620.00	\$96.00	\$25,920.00	\$90.00	\$24,300.00
0271.272	72" CHAIN LINK FENCE GATE WITH POSTS	LF	20	\$15.00	\$300.00	\$126.00	\$2,520.00	\$111.00	\$2,220.00
0290.148	TIMBER TIE AND BALLAST TRANSIT TRACK CONSTRUCTION	LF	500	\$639.00	\$319,500.00	\$897.00	\$448,500.00	\$258.00	\$129,000.00
0290.154	TANGENT DIRECT FIXATION TRACKWORK	LF	3,136	\$305.00	\$956,480.00	\$328.00	\$1,028,608.00	\$23.00	\$72,128.00
0294.120	BRIDGE TIES FURNISH AND INSTALL	EA	2,342	\$570.00	\$1,334,940.00	\$567.00	\$1,327,914.00	(\$3.00)	(\$7,026.00)
0310.040	CONCRETE CLEANING	LS	1	\$1,200,814.00	\$1,200,814.00	\$175,000.00	\$175,000.00	(\$1,025,814.00)	(\$1,025,814.00)
0321.101	REINFORCING STEEL - EPOXY COATED	LB	2,000	\$2.00	\$4,000.00	\$2.80	\$5,600.00	\$0.80	\$1,600.00

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Bidder: 2997

Firm Name: Vanasse Hangen Brustlin Inc.

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Firm Name: The Middlesex Corp.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0329.950	CAST-IN-PLACE CONCRETE	CY	305	\$1,638.00	\$499,590.00	\$6,200.00	\$1,891,000.00	\$4,562.00	\$1,391,410.00
0340.000	PRECAST CONCRETE	LS	1	\$5,336,513.00	\$5,336,513.00	\$3,700,000.00	\$3,700,000.00	(\$1,636,513.00)	(\$1,636,513.00)
0354.001	STRUCTURAL CRACK REPAIR BY EPOXY INJECTION	LF	36,000	\$76.00	\$2,736,000.00	\$25.00	\$900,000.00	(\$51.00)	(\$1,836,000.00)
0354.075	PATCHING VERTICAL OR OVERHEAD SURFACES	SF	3,000	\$45.00	\$135,000.00	\$22.00	\$66,000.00	(\$23.00)	(\$69,000.00)
0354.086	HORIZONTAL AND VERTICAL DEEP PATCH 0" - 3"	SF	9,000	\$45.00	\$405,000.00	\$29.00	\$261,000.00	(\$16.00)	(\$144,000.00)
0354.087	HORIZONTAL AND VERTICAL DEEP PATCH 3" - 6"	SF	13,500	\$45.00	\$607,500.00	\$51.00	\$688,500.00	\$6.00	\$81,000.00
0354.088	HORIZONTAL AND VERTICAL DEEP PATCH 6" - 12"	SF	4,500	\$45.00	\$202,500.00	\$97.00	\$436,500.00	\$52.00	\$234,000.00
0380.001	CARBON FIBER WRAP	LS	1	\$7,608,765.00	\$7,608,765.00	\$4,300,000.00	\$4,300,000.00	(\$3,308,765.00)	(\$3,308,765.00)
0510.340	STRUCTURAL STEEL	LS	1	\$4,036,233.00	\$4,036,233.00	\$2,425,000.00	\$2,425,000.00	(\$1,611,233.00)	(\$1,611,233.00)

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Bid Date: 12/05/2019

Engineer: 3109

Contract B22CN02

Bidder: 2997

Firm Name: Vanasse Hangen Brustlin Inc.

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: The Middlesex Corp.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0510.355	STRUCTURAL STEEL FOR REPAIRS	LB	22,000	\$34.00	\$748,000.00	\$28.00	\$616,000.00	(\$6.00)	(\$132,000.00)
0550.000	MISCELLANEOUS METALS	LS	1	\$526,749.00	\$526,749.00	\$580,000.00	\$580,000.00	\$53,251.00	\$53,251.00
0613.019	ACCESS PLATFORM	LS	1	\$1,082,715.00	\$1,082,715.00	\$1,840,000.00	\$1,840,000.00	\$757,285.00	\$757,285.00
0710.001	COLD FLUID APPLIED WATERPROOFING	SF	18,000	\$20.00	\$360,000.00	\$12.25	\$220,500.00	(\$7.75)	(\$139,500.00)
0710.700	WATER REPELLENT COATINGS	LS	1	\$4,121.00	\$4,121.00	\$77,000.00	\$77,000.00	\$72,879.00	\$72,879.00
0790.054	JOINT SEALANTS	LF	6,000	\$5.00	\$30,000.00	\$20.00	\$120,000.00	\$15.00	\$90,000.00
0810.002	METAL DOORS AND FRAMES	EA	9	\$7,832.00	\$70,488.00	\$3,700.00	\$33,300.00	(\$4,132.00)	(\$37,188.00)
0986.100	ANTI-GRAFFITI COATING	LS	1	\$20,776.00	\$20,776.00	\$21,000.00	\$21,000.00	\$224.00	\$224.00
0990.600	PAINT EXISTING BRIDGE STEEL	LS	1	\$1,068,471.00	\$1,068,471.00	\$610,000.00	\$610,000.00	(\$458,471.00)	(\$458,471.00)

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Bidder: 2997

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 Viaduct, Boston and Cambridge, MA

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: The Middlesex Corp.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1600.357	CATENARY WORK	LS	1	\$2,487,969.00	\$2,487,969.00	\$8,140,000.00	\$8,140,000.00	\$5,652,031.00	\$5,652,031.00
1650.003	SIGNAL & COMMUNICATION SYSTEM	LS	1	\$4,212,099.00	\$4,212,099.00	\$5,900,000.00	\$5,900,000.00	\$1,687,901.00	\$1,687,901.00
6500.000	RISK ALLOWANCE	RA	1	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$0.00	\$0.00
Total Estimate Contract Base Bid:					\$50,032,750.00		\$74,989,062.00		\$24,956,312.00
Contract Total - Base Bid and Alternates:					\$50,032,750.00		\$74,989,062.00		\$24,956,312.00

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Bid Date: 12/05/2019

Contract B22CN02

Bidder: 5083

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Engineer: 3109
Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Manafort Brothers Incorporated

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0110.003	CPM SCHEDULING	LS	1	\$53,938.00	\$53,938.00	\$300,000.00	\$300,000.00	\$246,062.00	\$246,062.00
0130.100	FIELD OFFICE - TRAILER	LS	1	\$21,294.00	\$21,294.00	\$260,000.00	\$260,000.00	\$238,706.00	\$238,706.00
0130.429	TRAFFIC OFFICERS SERVICES	AN	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$0.00	\$0.00
0211.000	DEMOLITION	LS	1	\$3,625,293.00	\$3,625,293.00	\$15,100,000.00	\$15,100,000.00	\$11,474,707.00	\$11,474,707.00
0213.212	INTEGRATED PEST MANAGEMENT	AN	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00
0216.042	TEMPORARY WORK PLATFORM/SHIELDING	LS	1	\$6,600,285.00	\$6,600,285.00	\$3,800,000.00	\$3,800,000.00	(\$2,800,285.00)	(\$2,800,285.00)
0221.331	DISPOSE OF QUALIFYING SOILS	AN	1	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$0.00	\$0.00
0222.345	DISPOSE OF RCRA HAZARDOUS WASTE	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0222.363	HAZARDOUS MATERIALS HEALTH AND SAFETY PLAN	LS	1	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00	(\$35,000.00)	(\$35,000.00)

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Contract B22CN02

Bidder: 5083

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Manafort Brothers Incorporated

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0222.364	HAZARDOUS MATERIALS ABATEMENT WORK PLAN	LS	1	\$74,859.00	\$74,859.00	\$15,000.00	\$15,000.00	(\$59,859.00)	(\$59,859.00)
0226.021	HERBICIDE	AC	1	\$938.00	\$938.00	\$83,000.00	\$83,000.00	\$82,062.00	\$82,062.00
0271.072	72" CHAIN LINK FENCE	LF	270	\$6.00	\$1,620.00	\$105.00	\$28,350.00	\$99.00	\$26,730.00
0271.272	72" CHAIN LINK FENCE GATE WITH POSTS	LF	20	\$15.00	\$300.00	\$130.00	\$2,600.00	\$115.00	\$2,300.00
0290.148	TIMBER TIE AND BALLAST TRANSIT TRACK CONSTRUCTION	LF	500	\$639.00	\$319,500.00	\$300.00	\$150,000.00	(\$339.00)	(\$169,500.00)
0290.154	TANGENT DIRECT FIXATION TRACKWORK	LF	3,136	\$305.00	\$956,480.00	\$303.00	\$950,208.00	(\$2.00)	(\$6,272.00)
0294.120	BRIDGE TIES FURNISH AND INSTALL	EA	2,342	\$570.00	\$1,334,940.00	\$725.00	\$1,697,950.00	\$155.00	\$363,010.00
0310.040	CONCRETE CLEANING	LS	1	\$1,200,814.00	\$1,200,814.00	\$650,000.00	\$650,000.00	(\$550,814.00)	(\$550,814.00)
0321.101	REINFORCING STEEL - EPOXY COATED	LB	2,000	\$2.00	\$4,000.00	\$2.00	\$4,000.00	\$0.00	\$0.00

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Engineer: 3109

Contract B22CN02

Bidder: 5083

Firm Name: Vanasse Hangen Brustlin Inc.

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Manafort Brothers Incorporated

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0329.950	CAST-IN-PLACE CONCRETE	CY	305	\$1,638.00	\$499,590.00	\$2,880.00	\$878,400.00	\$1,242.00	\$378,810.00
0340.000	PRECAST CONCRETE	LS	1	\$5,336,513.00	\$5,336,513.00	\$7,350,000.00	\$7,350,000.00	\$2,013,487.00	\$2,013,487.00
0354.001	STRUCTURAL CRACK REPAIR BY EPOXY INJECTION	LF	36,000	\$76.00	\$2,736,000.00	\$110.00	\$3,960,000.00	\$34.00	\$1,224,000.00
0354.075	PATCHING VERTICAL OR OVERHEAD SURFACES	SF	3,000	\$45.00	\$135,000.00	\$230.00	\$690,000.00	\$185.00	\$555,000.00
0354.086	HORIZONTAL AND VERTICAL DEEP PATCH 0" - 3"	SF	9,000	\$45.00	\$405,000.00	\$324.00	\$2,916,000.00	\$279.00	\$2,511,000.00
0354.087	HORIZONTAL AND VERTICAL DEEP PATCH 3" - 6"	SF	13,500	\$45.00	\$607,500.00	\$345.00	\$4,657,500.00	\$300.00	\$4,050,000.00
0354.088	HORIZONTAL AND VERTICAL DEEP PATCH 6" - 12"	SF	4,500	\$45.00	\$202,500.00	\$365.00	\$1,642,500.00	\$320.00	\$1,440,000.00
0380.001	CARBON FIBER WRAP	LS	1	\$7,608,765.00	\$7,608,765.00	\$5,900,000.00	\$5,900,000.00	(\$1,708,765.00)	(\$1,708,765.00)
0510.340	STRUCTURAL STEEL	LS	1	\$4,036,233.00	\$4,036,233.00	\$3,900,000.00	\$3,900,000.00	(\$136,233.00)	(\$136,233.00)

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 5083

Engineer: 3109

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Manafort Brothers Incorporated

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0510.355	STRUCTURAL STEEL FOR REPAIRS	LB	22,000	\$34.00	\$748,000.00	\$35.00	\$770,000.00	\$1.00	\$22,000.00
0550.000	MISCELLANEOUS METALS	LS	1	\$526,749.00	\$526,749.00	\$1,300,000.00	\$1,300,000.00	\$773,251.00	\$773,251.00
0613.019	ACCESS PLATFORM	LS	1	\$1,082,715.00	\$1,082,715.00	\$2,050,000.00	\$2,050,000.00	\$967,285.00	\$967,285.00
0710.001	COLD FLUID APPLIED WATERPROOFING	SF	18,000	\$20.00	\$360,000.00	\$30.00	\$540,000.00	\$10.00	\$180,000.00
0710.700	WATER REPELLENT COATINGS	LS	1	\$4,121.00	\$4,121.00	\$440,000.00	\$440,000.00	\$435,879.00	\$435,879.00
0790.054	JOINT SEALANTS	LF	6,000	\$5.00	\$30,000.00	\$17.00	\$102,000.00	\$12.00	\$72,000.00
0810.002	METAL DOORS AND FRAMES	EA	9	\$7,832.00	\$70,488.00	\$18,000.00	\$162,000.00	\$10,168.00	\$91,512.00
0986.100	ANTI-GRAFFITI COATING	LS	1	\$20,776.00	\$20,776.00	\$300,000.00	\$300,000.00	\$279,224.00	\$279,224.00
0990.600	PAINT EXISTING BRIDGE STEEL	LS	1	\$1,068,471.00	\$1,068,471.00	\$885,000.00	\$885,000.00	(\$183,471.00)	(\$183,471.00)

Date/Time:
 Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
 Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Bidder: 5083

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Manafort Brothers Incorporated

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1600.357	CATENARY WORK	LS	1	\$2,487,969.00	\$2,487,969.00	\$8,850,000.00	\$8,850,000.00	\$6,362,031.00	\$6,362,031.00
1650.003	SIGNAL & COMMUNICATION SYSTEM	LS	1	\$4,212,099.00	\$4,212,099.00	\$5,707,492.00	\$5,707,492.00	\$1,495,393.00	\$1,495,393.00
6500.000	RISK ALLOWANCE	RA	1	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$0.00	\$0.00
Total Estimate Contract Base Bid:				\$50,032,750.00		\$79,667,000.00		\$29,634,250.00	
Contract Total - Base Bid and Alternates:				\$50,032,750.00		\$79,667,000.00		\$29,634,250.00	

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 1160

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Engineer: 3109
Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Barletta Heavy Division, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0110.003	CPM SCHEDULING	LS	1	\$53,938.00	\$53,938.00	\$150,000.00	\$150,000.00	\$96,062.00	\$96,062.00
0130.100	FIELD OFFICE - TRAILER	LS	1	\$21,294.00	\$21,294.00	\$320,000.00	\$320,000.00	\$298,706.00	\$298,706.00
0130.429	TRAFFIC OFFICERS SERVICES	AN	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$0.00	\$0.00
0211.000	DEMOLITION	LS	1	\$3,625,293.00	\$3,625,293.00	\$8,608,519.00	\$8,608,519.00	\$4,983,226.00	\$4,983,226.00
0213.212	INTEGRATED PEST MANAGEMENT	AN	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00
0216.042	TEMPORARY WORK PLATFORM/SHIELDING	LS	1	\$6,600,285.00	\$6,600,285.00	\$25,773,000.00	\$25,773,000.00	\$19,172,715.00	\$19,172,715.00
0221.331	DISPOSE OF QUALIFYING SOILS	AN	1	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$0.00	\$0.00
0222.345	DISPOSE OF RCRA HAZARDOUS WASTE	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0222.363	HAZARDOUS MATERIALS HEALTH AND SAFETY PLAN	LS	1	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00	(\$40,000.00)	(\$40,000.00)

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 1160

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Engineer: 3109

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Barletta Heavy Division, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0222.364	HAZARDOUS MATERIALS ABATEMENT WORK PLAN	LS	1	\$74,859.00	\$74,859.00	\$10,000.00	\$10,000.00	(\$64,859.00)	(\$64,859.00)
0226.021	HERBICIDE	AC	1	\$938.00	\$938.00	\$1.00	\$1.00	(\$937.00)	(\$937.00)
0271.072	72" CHAIN LINK FENCE	LF	270	\$6.00	\$1,620.00	\$100.00	\$27,000.00	\$94.00	\$25,380.00
0271.272	72" CHAIN LINK FENCE GATE WITH POSTS	LF	20	\$15.00	\$300.00	\$250.00	\$5,000.00	\$235.00	\$4,700.00
0290.148	TIMBER TIE AND BALLAST TRANSIT TRACK CONSTRUCTION	LF	500	\$639.00	\$319,500.00	\$670.00	\$335,000.00	\$31.00	\$15,500.00
0290.154	TANGENT DIRECT FIXATION TRACKWORK	LF	3,136	\$305.00	\$956,480.00	\$915.00	\$2,869,440.00	\$610.00	\$1,912,960.00
0294.120	BRIDGE TIES FURNISH AND INSTALL	EA	2,342	\$570.00	\$1,334,940.00	\$435.00	\$1,018,770.00	(\$135.00)	(\$316,170.00)
0310.040	CONCRETE CLEANING	LS	1	\$1,200,814.00	\$1,200,814.00	\$427,000.00	\$427,000.00	(\$773,814.00)	(\$773,814.00)
0321.101	REINFORCING STEEL - EPOXY COATED	LB	2,000	\$2.00	\$4,000.00	\$2.30	\$4,600.00	\$0.30	\$600.00

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Engineer: 3109

Contract B22CN02

Bidder: 1160

Firm Name: Vanasse Hangen Brustlin Inc.

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Barletta Heavy Division, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0329.950	CAST-IN-PLACE CONCRETE	CY	305	\$1,638.00	\$499,590.00	\$8,610.00	\$2,626,050.00	\$6,972.00	\$2,126,460.00
0340.000	PRECAST CONCRETE	LS	1	\$5,336,513.00	\$5,336,513.00	\$6,185,000.00	\$6,185,000.00	\$848,487.00	\$848,487.00
0354.001	STRUCTURAL CRACK REPAIR BY EPOXY INJECTION	LF	36,000	\$76.00	\$2,736,000.00	\$92.00	\$3,312,000.00	\$16.00	\$576,000.00
0354.075	PATCHING VERTICAL OR OVERHEAD SURFACES	SF	3,000	\$45.00	\$135,000.00	\$275.00	\$825,000.00	\$230.00	\$690,000.00
0354.086	HORIZONTAL AND VERTICAL DEEP PATCH 0" - 3"	SF	9,000	\$45.00	\$405,000.00	\$235.00	\$2,115,000.00	\$190.00	\$1,710,000.00
0354.087	HORIZONTAL AND VERTICAL DEEP PATCH 3" - 6"	SF	13,500	\$45.00	\$607,500.00	\$325.00	\$4,387,500.00	\$280.00	\$3,780,000.00
0354.088	HORIZONTAL AND VERTICAL DEEP PATCH 6" - 12"	SF	4,500	\$45.00	\$202,500.00	\$550.00	\$2,475,000.00	\$505.00	\$2,272,500.00
0380.001	CARBON FIBER WRAP	LS	1	\$7,608,765.00	\$7,608,765.00	\$3,539,000.00	\$3,539,000.00	(\$4,069,765.00)	(\$4,069,765.00)
0510.340	STRUCTURAL STEEL	LS	1	\$4,036,233.00	\$4,036,233.00	\$2,109,000.00	\$2,109,000.00	(\$1,927,233.00)	(\$1,927,233.00)

Date/Time:
 Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
 Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Bidder: 1160

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Barletta Heavy Division, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0510.355	STRUCTURAL STEEL FOR REPAIRS	LB	22,000	\$34.00	\$748,000.00	\$25.00	\$550,000.00	(\$9.00)	(\$198,000.00)
0550.000	MISCELLANEOUS METALS	LS	1	\$526,749.00	\$526,749.00	\$1,609,000.00	\$1,609,000.00	\$1,082,251.00	\$1,082,251.00
0613.019	ACCESS PLATFORM	LS	1	\$1,082,715.00	\$1,082,715.00	\$1,026,000.00	\$1,026,000.00	(\$56,715.00)	(\$56,715.00)
0710.001	COLD FLUID APPLIED WATERPROOFING	SF	18,000	\$20.00	\$360,000.00	\$21.00	\$378,000.00	\$1.00	\$18,000.00
0710.700	WATER REPELLENT COATINGS	LS	1	\$4,121.00	\$4,121.00	\$345,000.00	\$345,000.00	\$340,879.00	\$340,879.00
0790.054	JOINT SEALANTS	LF	6,000	\$5.00	\$30,000.00	\$12.00	\$72,000.00	\$7.00	\$42,000.00
0810.002	METAL DOORS AND FRAMES	EA	9	\$7,832.00	\$70,488.00	\$6,380.00	\$57,420.00	(\$1,452.00)	(\$13,068.00)
0986.100	ANTI-GRAFFITI COATING	LS	1	\$20,776.00	\$20,776.00	\$46,700.00	\$46,700.00	\$25,924.00	\$25,924.00
0990.600	PAINT EXISTING BRIDGE STEEL	LS	1	\$1,068,471.00	\$1,068,471.00	\$577,000.00	\$577,000.00	(\$491,471.00)	(\$491,471.00)

Date/Time:
 Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
 Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Bidder: 1160

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Barletta Heavy Division, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1600.357	CATENARY WORK	LS	1	\$2,487,969.00	\$2,487,969.00	\$3,864,000.00	\$3,864,000.00	\$1,376,031.00	\$1,376,031.00
1650.003	SIGNAL & COMMUNICATION SYSTEM	LS	1	\$4,212,099.00	\$4,212,099.00	\$3,401,000.00	\$3,401,000.00	(\$811,099.00)	(\$811,099.00)
6500.000	RISK ALLOWANCE	RA	1	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$0.00	\$0.00
Total Estimate Contract Base Bid:				\$50,032,750.00		\$82,668,000.00		\$32,635,250.00	
Contract Total - Base Bid and Alternates:				\$50,032,750.00		\$82,668,000.00		\$32,635,250.00	

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 4106

Engineer: 3109

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Judlau Contracting, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0110.003	CPM SCHEDULING	LS	1	\$53,938.00	\$53,938.00	\$200,000.00	\$200,000.00	\$146,062.00	\$146,062.00
0130.100	FIELD OFFICE - TRAILER	LS	1	\$21,294.00	\$21,294.00	\$600,000.00	\$600,000.00	\$578,706.00	\$578,706.00
0130.429	TRAFFIC OFFICERS SERVICES	AN	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$0.00	\$0.00
0211.000	DEMOLITION	LS	1	\$3,625,293.00	\$3,625,293.00	\$16,000,000.00	\$16,000,000.00	\$12,374,707.00	\$12,374,707.00
0213.212	INTEGRATED PEST MANAGEMENT	AN	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00
0216.042	TEMPORARY WORK PLATFORM/SHIELDING	LS	1	\$6,600,285.00	\$6,600,285.00	\$4,000,000.00	\$4,000,000.00	(\$2,600,285.00)	(\$2,600,285.00)
0221.331	DISPOSE OF QUALIFYING SOILS	AN	1	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$0.00	\$0.00
0222.345	DISPOSE OF RCRA HAZARDOUS WASTE	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0222.363	HAZARDOUS MATERIALS HEALTH AND SAFETY PLAN	LS	1	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00	(\$30,000.00)	(\$30,000.00)

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 4106

Engineer: 3109

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Judlau Contracting, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0222.364	HAZARDOUS MATERIALS ABATEMENT WORK PLAN	LS	1	\$74,859.00	\$74,859.00	\$20,000.00	\$20,000.00	(\$54,859.00)	(\$54,859.00)
0226.021	HERBICIDE	AC	1	\$938.00	\$938.00	\$85,000.00	\$85,000.00	\$84,062.00	\$84,062.00
0271.072	72" CHAIN LINK FENCE	LF	270	\$6.00	\$1,620.00	\$150.00	\$40,500.00	\$144.00	\$38,880.00
0271.272	72" CHAIN LINK FENCE GATE WITH POSTS	LF	20	\$15.00	\$300.00	\$350.00	\$7,000.00	\$335.00	\$6,700.00
0290.148	TIMBER TIE AND BALLAST TRANSIT TRACK CONSTRUCTION	LF	500	\$639.00	\$319,500.00	\$700.00	\$350,000.00	\$61.00	\$30,500.00
0290.154	TANGENT DIRECT FIXATION TRACKWORK	LF	3,136	\$305.00	\$956,480.00	\$600.00	\$1,881,600.00	\$295.00	\$925,120.00
0294.120	BRIDGE TIES FURNISH AND INSTALL	EA	2,342	\$570.00	\$1,334,940.00	\$2,000.00	\$4,684,000.00	\$1,430.00	\$3,349,060.00
0310.040	CONCRETE CLEANING	LS	1	\$1,200,814.00	\$1,200,814.00	\$500,000.00	\$500,000.00	(\$700,814.00)	(\$700,814.00)
0321.101	REINFORCING STEEL - EPOXY COATED	LB	2,000	\$2.00	\$4,000.00	\$8.00	\$16,000.00	\$6.00	\$12,000.00

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Engineer: 3109

Contract B22CN02

Bidder: 4106

Firm Name: Vanasse Hangen Brustlin Inc.

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Judlau Contracting, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0329.950	CAST-IN-PLACE CONCRETE	CY	305	\$1,638.00	\$499,590.00	\$5,050.00	\$1,540,250.00	\$3,412.00	\$1,040,660.00
0340.000	PRECAST CONCRETE	LS	1	\$5,336,513.00	\$5,336,513.00	\$6,000,000.00	\$6,000,000.00	\$663,487.00	\$663,487.00
0354.001	STRUCTURAL CRACK REPAIR BY EPOXY INJECTION	LF	36,000	\$76.00	\$2,736,000.00	\$88.00	\$3,168,000.00	\$12.00	\$432,000.00
0354.075	PATCHING VERTICAL OR OVERHEAD SURFACES	SF	3,000	\$45.00	\$135,000.00	\$185.00	\$555,000.00	\$140.00	\$420,000.00
0354.086	HORIZONTAL AND VERTICAL DEEP PATCH 0" - 3"	SF	9,000	\$45.00	\$405,000.00	\$200.00	\$1,800,000.00	\$155.00	\$1,395,000.00
0354.087	HORIZONTAL AND VERTICAL DEEP PATCH 3" - 6"	SF	13,500	\$45.00	\$607,500.00	\$180.00	\$2,430,000.00	\$135.00	\$1,822,500.00
0354.088	HORIZONTAL AND VERTICAL DEEP PATCH 6" - 12"	SF	4,500	\$45.00	\$202,500.00	\$250.00	\$1,125,000.00	\$205.00	\$922,500.00
0380.001	CARBON FIBER WRAP	LS	1	\$7,608,765.00	\$7,608,765.00	\$6,700,000.00	\$6,700,000.00	(\$908,765.00)	(\$908,765.00)
0510.340	STRUCTURAL STEEL	LS	1	\$4,036,233.00	\$4,036,233.00	\$3,500,000.00	\$3,500,000.00	(\$536,233.00)	(\$536,233.00)

Date/Time:
 Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
 Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Bidder: 4106

Engineer: 3109
 Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Judlau Contracting, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0510.355	STRUCTURAL STEEL FOR REPAIRS	LB	22,000	\$34.00	\$748,000.00	\$24.16	\$531,520.00	(\$9.84)	(\$216,480.00)
0550.000	MISCELLANEOUS METALS	LS	1	\$526,749.00	\$526,749.00	\$2,000,000.00	\$2,000,000.00	\$1,473,251.00	\$1,473,251.00
0613.019	ACCESS PLATFORM	LS	1	\$1,082,715.00	\$1,082,715.00	\$3,475,000.00	\$3,475,000.00	\$2,392,285.00	\$2,392,285.00
0710.001	COLD FLUID APPLIED WATERPROOFING	SF	18,000	\$20.00	\$360,000.00	\$25.00	\$450,000.00	\$5.00	\$90,000.00
0710.700	WATER REPELLENT COATINGS	LS	1	\$4,121.00	\$4,121.00	\$65,000.00	\$65,000.00	\$60,879.00	\$60,879.00
0790.054	JOINT SEALANTS	LF	6,000	\$5.00	\$30,000.00	\$12.00	\$72,000.00	\$7.00	\$42,000.00
0810.002	METAL DOORS AND FRAMES	EA	9	\$7,832.00	\$70,488.00	\$15,000.00	\$135,000.00	\$7,168.00	\$64,512.00
0986.100	ANTI-GRAFFITI COATING	LS	1	\$20,776.00	\$20,776.00	\$20,000.00	\$20,000.00	(\$776.00)	(\$776.00)
0990.600	PAINT EXISTING BRIDGE STEEL	LS	1	\$1,068,471.00	\$1,068,471.00	\$750,000.00	\$750,000.00	(\$318,471.00)	(\$318,471.00)

Date/Time:
 Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
 Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 4106

Engineer: 3109

Repair/Rehabilitation of East Cambridge (Lechmere)
 Viaduct, Boston and Cambridge, MA

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Judlau Contracting, Inc.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1600.357	CATENARY WORK	LS	1	\$2,487,969.00	\$2,487,969.00	\$13,500,000.00	\$13,500,000.00	\$11,012,031.00	\$11,012,031.00
1650.003	SIGNAL & COMMUNICATION SYSTEM	LS	1	\$4,212,099.00	\$4,212,099.00	\$9,999,605.00	\$9,999,605.00	\$5,787,506.00	\$5,787,506.00
6500.000	RISK ALLOWANCE	RA	1	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$3,200,000.00	\$0.00	\$0.00
Total Estimate Contract Base Bid:					\$50,032,750.00		\$89,830,475.00		\$39,797,725.00
Contract Total - Base Bid and Alternates:					\$50,032,750.00		\$89,830,475.00		\$39,797,725.00

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Bidder: 4106

Engineer: 3109

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Judlau Contracting, Inc.

	Engineer	Bidder	Variance
Total Type Basic =	\$50,032,750.00	\$89,830,475.00	(\$39,797,725.00)
Contract Total - Base Bid and Alternates:	\$50,032,750.00	\$89,830,475.00	(\$39,797,725.00)

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Engineer: 3109

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Bidder: 1160

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Barletta Heavy Division, Inc.

	Engineer	Bidder	Variance
Total Type Basic =	\$50,032,750.00	\$82,668,000.00	(\$32,635,250.00)
Contract Total - Base Bid and Alternates:	\$50,032,750.00	\$82,668,000.00	(\$32,635,250.00)

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Bidder: 5083

Engineer: 3109

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Manafort Brothers Incorporated

	Engineer	Bidder	Variance
Total Type Basic =	\$50,032,750.00	\$79,667,000.00	(\$29,634,250.00)
Contract Total - Base Bid and Alternates:	\$50,032,750.00	\$79,667,000.00	(\$29,634,250.00)

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Bidder: 2997

Engineer: 3109

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: The Middlesex Corp.

	Engineer	Bidder	Variance
Total Type Basic =	\$50,032,750.00	\$74,989,062.00	(\$24,956,312.00)
Contract Total - Base Bid and Alternates:	\$50,032,750.00	\$74,989,062.00	(\$24,956,312.00)

Date/Time:
Report ID: CMS-BM-003

Massachusetts Bay Transportation Authority
Capital Management System

Comparison of Bids

Bid Date: 12/05/2019

Contract B22CN02

Repair/Rehabilitation of East Cambridge (Lechmere)
Viaduct, Boston and Cambridge, MA

Bidder: 2880

Engineer: 3109

Firm Name: Vanasse Hangen Brustlin Inc.

Firm Name: Sps New England, Inc.

	Engineer	Bidder	Variance
Total Type Basic =	\$50,032,750.00	\$61,894,820.00	(\$11,862,070.00)
Contract Total - Base Bid and Alternates:	\$50,032,750.00	\$61,894,820.00	(\$11,862,070.00)