

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

Massachusetts Bay Transportation Authority  
Capital Management System

Comparison of Bids

Bid Date: 04/18/2024

Contract W43CN07

Alewife Parking Garage Structural Repairs Phase III,  
Cambridge, MA

Bidder: 2902

Engineer: 1043  
Firm Name: AECOM TECHNICAL SERVICES INC.

Firm Name: Structural Preservation Systems Llc

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0130.100	FIELD OFFICE - TRAILER	LS	1	\$87,918.34	\$87,918.34	\$470,600.00	\$470,600.00	\$382,681.66	\$382,681.66
0130.429	TRAFFIC OFFICERS SERVICES	AN	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	\$0.00
0130.434	REPAIR OF DAMAGES	AN	1	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$0.00	\$0.00
0170.101	MOBILIZATION	FP	1	\$45,161.47	\$45,161.47	\$45,161.47	\$45,161.47	\$0.00	\$0.00
0211.101	DEMOLITION	AN	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$0.00	\$0.00
0212.195	REPAIR OF DETERIORATED CONCRETE AT DOUBLE-TEE BEAM FLANGES	SF	2,000	\$334.77	\$669,540.00	\$180.00	\$360,000.00	(\$154.77)	(\$309,540.00)
0216.055	ELECTRICAL RELOCATIONS TEMPORARY AND PERMANENT	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0222.027	MATERIAL REMOVAL	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0321.100	REINFORCING STEEL	LB	315	\$54.03	\$17,019.45	\$20.00	\$6,300.00	(\$34.03)	(\$10,719.45)

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Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0321.106	CORROSION INHIBITING COATING OF REINFORCING STEEL	LF	500	\$5.39	\$2,695.00	\$7.50	\$3,750.00	\$2.11	\$1,055.00
0321.301	WIRE MESH REINFORCEMENT	SF	6,000	\$3.63	\$21,780.00	\$11.00	\$66,000.00	\$7.37	\$44,220.00
0354.071	PATCHING HORIZONTAL CONCRETE SURFACE-FULL DEPTH (TYPE 11)	SF	7,000	\$315.98	\$2,211,860.00	\$269.30	\$1,885,100.00	(\$46.68)	(\$326,760.00)
0354.111	FULL DEPTH CURB REPAIR (TYPE 11A)	SF	32	\$266.39	\$8,524.48	\$288.80	\$9,241.60	\$22.41	\$717.12
0354.112	TYPE 10A - DOUBLE TEE STEMS REPAIR	SF	50	\$872.80	\$43,640.00	\$1,490.00	\$74,500.00	\$617.20	\$30,860.00
0374.001	TYPE 1 REPAIR	LF	1,000	\$60.38	\$60,380.00	\$38.50	\$38,500.00	(\$21.88)	(\$21,880.00)
0374.002	TYPE 2 REPAIR	LF	100	\$36.78	\$3,678.00	\$24.55	\$2,455.00	(\$12.23)	(\$1,223.00)
0393.012	PARTIAL DEPTH SLAB TOPSIDE REPAIR (TYPE 6)	SF	150	\$225.06	\$33,759.00	\$196.00	\$29,400.00	(\$29.06)	(\$4,359.00)
0393.016	PATCHING DOUBLE TEE STEMS (TYPE 10)	SF	1,200	\$575.04	\$690,048.00	\$660.00	\$792,000.00	\$84.96	\$101,952.00

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Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0393.017	CONCRETE COLUMN REPAIRS, TYPE 21	SF	100	\$474.35	\$47,435.00	\$616.00	\$61,600.00	\$141.65	\$14,165.00
0393.018	INVERTED-TEE BEAM REPAIR	SF	750	\$340.40	\$255,300.00	\$445.20	\$333,900.00	\$104.80	\$78,600.00
0393.022	REPAIR OF DETERIORATED CONCRETE AT DOUBLE-TEE BEAM FLANGES, TYPE 3B	EA	20	\$2,089.00	\$41,780.00	\$348.55	\$6,971.00	(\$1,740.45)	(\$34,809.00)
0393.023	REPAIR OF DETERIORATED CONCRETE AT DOUBLE-TEE BEAM FLANGES (TYPE 3A)	SF	175	\$407.28	\$71,274.00	\$361.20	\$63,210.00	(\$46.08)	(\$8,064.00)
0393.024	PATCHING DOUBLE-TEE STEMS (TYPE 12)	EA	85	\$39,443.02	\$3,352,656.70	\$17,300.00	\$1,470,500.00	(\$22,143.02)	(\$1,882,156.70)
0393.025	TYPICAL CRACKING PATCH REPAIR, TYPE 5A	LF	125	\$8.57	\$1,071.25	\$90.60	\$11,325.00	\$82.03	\$10,253.75
0393.026	INVERTED-TEE BEAM REPAIR, TYPE 8A	EA	3	\$128,608.75	\$385,826.25	\$171,650.00	\$514,950.00	\$43,041.25	\$129,123.75
0393.027	ADHESIVE CRACK INJECTION REPAIR, TYPE 5	LF	125	\$12.47	\$1,558.75	\$147.80	\$18,475.00	\$135.33	\$16,916.25
0551.015	CONCRETE STAIR AND NOSING REPAIRS, TYPE 30	EA	75	\$2,192.32	\$164,424.00	\$1,471.00	\$110,325.00	(\$721.32)	(\$54,099.00)

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Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0790.075	EXPANSION JOINT REPAIR - TYPE A	LF	45	\$166.07	\$7,473.15	\$355.00	\$15,975.00	\$188.93	\$8,501.85
0790.076	EXPANSION JOINT REPAIR - TYPE B	LF	24	\$175.46	\$4,211.04	\$411.00	\$9,864.00	\$235.54	\$5,652.96
1042.018	SIGNAGE	AN	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00
6500.000	RISK ALLOWANCE	RA	1	\$383,647.12	\$383,647.12	\$383,647.12	\$383,647.12	\$0.00	\$0.00
<b>Total Estimate Contract Base Bid:</b>					<b>\$9,827,661.00</b>		<b>\$7,998,750.19</b>		<b>(\$1,828,910.81)</b>
<b>Contract Total - Base Bid and Alternates:</b>					<b>\$9,827,661.00</b>		<b>\$7,998,750.19</b>		<b>(\$1,828,910.81)</b>

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Bid Date: 04/18/2024

Engineer: 1043

Contract W43CN07

Bidder: 1873

Alewife Parking Garage Structural Repairs Phase III,  
 Cambridge, MA

Firm Name: AECOM TECHNICAL SERVICES INC.

Firm Name: J. F. White Contracting Co.

Line Item	Description	Unit	Quantity	Engineer		Bidder		Variance	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0130.100	FIELD OFFICE - TRAILER	LS	1	\$87,918.34	\$87,918.34	\$265,000.00	\$265,000.00	\$177,081.66	\$177,081.66
0130.429	TRAFFIC OFFICERS SERVICES	AN	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	\$0.00
0130.434	REPAIR OF DAMAGES	AN	1	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$0.00	\$0.00
0170.101	MOBILIZATION	FP	1	\$45,161.47	\$45,161.47	\$45,161.47	\$45,161.47	\$0.00	\$0.00
0211.101	DEMOLITION	AN	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$0.00	\$0.00
0212.195	REPAIR OF DETERIORATED CONCRETE AT DOUBLE-TEE BEAM FLANGES	SF	2,000	\$334.77	\$669,540.00	\$395.00	\$790,000.00	\$60.23	\$120,460.00
0216.055	ELECTRICAL RELOCATIONS TEMPORARY AND PERMANENT	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0222.027	MATERIAL REMOVAL	AN	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
0321.100	REINFORCING STEEL	LB	315	\$54.03	\$17,019.45	\$30.00	\$9,450.00	(\$24.03)	(\$7,569.45)

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Firm Name: J. F. White Contracting Co.

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				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0321.106	CORROSION INHIBITING COATING OF REINFORCING STEEL	LF	500	\$5.39	\$2,695.00	\$40.00	\$20,000.00	\$34.61	\$17,305.00
0321.301	WIRE MESH REINFORCEMENT	SF	6,000	\$3.63	\$21,780.00	\$9.00	\$54,000.00	\$5.37	\$32,220.00
0354.071	PATCHING HORIZONTAL CONCRETE SURFACE-FULL DEPTH (TYPE 11)	SF	7,000	\$315.98	\$2,211,860.00	\$617.00	\$4,319,000.00	\$301.02	\$2,107,140.00
0354.111	FULL DEPTH CURB REPAIR (TYPE 11A)	SF	32	\$266.39	\$8,524.48	\$1,210.00	\$38,720.00	\$943.61	\$30,195.52
0354.112	TYPE 10A - DOUBLE TEE STEMS REPAIR	SF	50	\$872.80	\$43,640.00	\$1,160.00	\$58,000.00	\$287.20	\$14,360.00
0374.001	TYPE 1 REPAIR	LF	1,000	\$60.38	\$60,380.00	\$30.00	\$30,000.00	(\$30.38)	(\$30,380.00)
0374.002	TYPE 2 REPAIR	LF	100	\$36.78	\$3,678.00	\$70.00	\$7,000.00	\$33.22	\$3,322.00
0393.012	PARTIAL DEPTH SLAB TOPSIDE REPAIR (TYPE 6)	SF	150	\$225.06	\$33,759.00	\$280.00	\$42,000.00	\$54.94	\$8,241.00
0393.016	PATCHING DOUBLE TEE STEMS (TYPE 10)	SF	1,200	\$575.04	\$690,048.00	\$715.00	\$858,000.00	\$139.96	\$167,952.00

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				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0393.017	CONCRETE COLUMN REPAIRS, TYPE 21	SF	100	\$474.35	\$47,435.00	\$750.00	\$75,000.00	\$275.65	\$27,565.00
0393.018	INVERTED-TEE BEAM REPAIR	SF	750	\$340.40	\$255,300.00	\$665.00	\$498,750.00	\$324.60	\$243,450.00
0393.022	REPAIR OF DETERIORATED CONCRETE AT DOUBLE-TEE BEAM FLANGES, TYPE 3B	EA	20	\$2,089.00	\$41,780.00	\$6,100.00	\$122,000.00	\$4,011.00	\$80,220.00
0393.023	REPAIR OF DETERIORATED CONCRETE AT DOUBLE-TEE BEAM FLANGES (TYPE 3A)	SF	175	\$407.28	\$71,274.00	\$770.00	\$134,750.00	\$362.72	\$63,476.00
0393.024	PATCHING DOUBLE-TEE STEMS (TYPE 12)	EA	85	\$39,443.02	\$3,352,656.70	\$14,225.00	\$1,209,125.00	(\$25,218.02)	(\$2,143,531.70)
0393.025	TYPICAL CRACKING PATCH REPAIR, TYPE 5A	LF	125	\$8.57	\$1,071.25	\$350.00	\$43,750.00	\$341.43	\$42,678.75
0393.026	INVERTED-TEE BEAM REPAIR, TYPE 8A	EA	3	\$128,608.75	\$385,826.25	\$110,500.00	\$331,500.00	(\$18,108.75)	(\$54,326.25)
0393.027	ADHESIVE CRACK INJECTION REPAIR, TYPE 5	LF	125	\$12.47	\$1,558.75	\$410.00	\$51,250.00	\$397.53	\$49,691.25
0551.015	CONCRETE STAIR AND NOSING REPAIRS, TYPE 30	EA	75	\$2,192.32	\$164,424.00	\$1,500.00	\$112,500.00	(\$692.32)	(\$51,924.00)

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				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
0790.075	EXPANSION JOINT REPAIR - TYPE A	LF	45	\$166.07	\$7,473.15	\$1,410.00	\$63,450.00	\$1,243.93	\$55,976.85
0790.076	EXPANSION JOINT REPAIR - TYPE B	LF	24	\$175.46	\$4,211.04	\$1,910.00	\$45,840.00	\$1,734.54	\$41,628.96
1042.018	SIGNAGE	AN	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00
6500.000	RISK ALLOWANCE	RA	1	\$383,647.12	\$383,647.12	\$383,647.12	\$383,647.12	\$0.00	\$0.00
<b>Total Estimate Contract Base Bid:</b>					<b>\$9,827,661.00</b>		<b>\$10,822,893.59</b>		<b>\$995,232.59</b>
<b>Contract Total - Base Bid and Alternates:</b>					<b>\$9,827,661.00</b>		<b>\$10,822,893.59</b>		<b>\$995,232.59</b>



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	Engineer	Bidder	Variance
Total Type Basic =	\$9,827,661.00	\$10,822,893.59	(\$995,232.59)
<b>Contract Total - Base Bid and Alternates:</b>	<b>\$9,827,661.00</b>	<b>\$10,822,893.59</b>	<b>(\$995,232.59)</b>

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	Engineer	Bidder	Variance
Total Type Basic =	\$9,827,661.00	\$7,998,750.19	\$1,828,910.81
<b>Contract Total - Base Bid and Alternates:</b>	<b>\$9,827,661.00</b>	<b>\$7,998,750.19</b>	<b>\$1,828,910.81</b>