



Maryland Transportation Authority

CAPITAL COMMITTEE MEETING

THURSDAY, SEPTEMBER 7, 2023

2310 BROENING HIGHWAY
BALTIMORE, MARYLAND 21224

CAPITAL COMMITTEE MONTHLY MEETING
September 7, 2023 – 9:00 AM

This meeting will be livestreamed on the [MDTA Capital Committee Page](#)

NOTE: This is an Open Meeting being conducted via livestreaming. The public is welcomed to watch the meeting at the link listed above. *If you wish to comment on an agenda item please email your name, affiliation, and the agenda item to esogard@mdta.state.md.us no later than 3:00 p.m. on Tuesday, September 5, 2023. You MUST pre-register in order to comment.* Once you have pre-registered you will receive an email with all pertinent information.

AGENDA

OPEN SESSION – 9:00 a.m.

Call Meeting to Order

- | | | |
|--|---------------|---------|
| 1. <u>Approval</u> - Open Session Meeting Minutes of July 6, 2023 | Chairman | 5 mins |
| 2. <u>Approval</u> – MR 3033 – On-Call Structural Repairs and Miscellaneous Modifications | Simon Tseggai | 10 mins |

Vote to Adjourn Meeting

**MARYLAND TRANSPORTATION AUTHORITY
CAPITAL COMMITTEE MEETING
THURSDAY, JULY 6, 2023
OPEN MEETING VIA LIVESTREAMING**

OPEN SESSION

MEMBERS ATTENDING: Mario J. Gangemi – Chairman
William H. Cox, Jr.
W. Lee Gaines, Jr.

STAFF ATTENDING: William Pines
Sushmita Mitra
James Harkness
Joseph Sagal
Mary O’Keeffe
Tekeste Amare
Donna DiCerbo
Jennifer Stump
John Wedemeyer
Kimberly Millender
Peter Mattejat
Eric Willison
Selena McKissick
Natalie Henson
Ganine Steffe
Liz Zito-Lynch

Member Gangemi called the meeting of the Maryland Transportation Authority (MDTA) Capital Committee to order at 9:00 a.m. The meeting was held via video conference and livestreamed on the MDTA Board Meeting web page.

APPROVAL – OPEN SESSION MEETING MINUTES OF JUNE 1, 2023

Upon motion by Member Gaines and seconded by Member Cox, the Open Session meeting minutes of the Capital Committee’s meeting held on June 1, 2023, were unanimously approved.

APPROVAL – 2021-02B COMPREHENSIVE ENVIRONMENTAL COMPLIANCE AND ENGINEERING SERVICES – SBR

Mr. Mattejat presented this request to seek a recommended contingent approval from the Capital Committee to present 2021-02B Comprehensive Environmental Compliance and Engineering Services – SBR to the full MDTA Board for award at its next scheduled meeting.

This project involves the award of one (1) contract to a Small Business Consultant Engineering Firm for Comprehensive Environmental Compliance and Engineering Services for MDTA. The Consultant shall perform environmental compliance and engineering services of facilities under MDTA's jurisdiction. The services include inspection and design of environmental features as well as providing compliance and management expertise for MDTA-owned facilities. Support shall be provided to project permitting related to natural resources and stormwater. Work related to Natural Resources Program shall include but not be limited to the permitting, planning, design, monitoring, and remediation assessment of natural resources mitigation sites. Work related to Stormwater Remedial and Compliance Programs shall include but not be limited to inventory, inspection, remediation assessment of stormwater practices and drainage systems; support Stormwater Pollution Prevention activities including field monitoring; perform outfall inspections; and planning, design, regulatory permitting and reporting; and construction of stormwater practices, drainage systems, Erosion and Sediment Control practices, and landscaping management. The Project will also include but is not limited to providing Miscellaneous Engineering Design and/or Consultant Services.

Upon motion by Member Gaines and seconded by Member Cox, the Members unanimously recommended contingent approval of Contract No. 2021-02B Comprehensive Environmental Compliance and Engineering Services – SBR to Straughan Environmental, Inc. to full MDTA Board for award at its next scheduled meeting.

APPROVAL – MC #23-7049 – LEASE-FORMER JIM'S DINER

Mr. Wedemeyer presented this request to seek a recommended contingent approval from the Capital Committee to present MC #23-7049 – Lease-Former Jim's Diner to the full MDTA Board for award at its next scheduled meeting.

MDTA plans to lease a total of 0.396 acres, plus or minus, to Canton RR for Fair Market Value. The lease will be for 5 years with a possible renewal if desired and is for the purpose of preparing the property for rail yard storage, perform rail operations and freight capabilities, and construct, reconstruct, maintain, repair and provide rail improvements. Two appraisals were completed and the selected appraisal for a 5-year term was in the amount of \$29,300.00.

MDTA acquired the subject property in 2015 and has issued a Right of Entry Permit (2023-0405C) to Canton RR until the lease has completed the modal clearance process and been executed. The permit will expire on April 10, 2024.

A request was made to the other divisions within MDTA to determine if there were any current or future needs for the subject property. It was determined and confirmed that there were no needs for this property.

Upon motion by Member Gaines and seconded by Member Cox, the Members unanimously recommended contingent approval of MC #23-7049 – Lease-Former Jim's Diner to the full MDTA Board for award at its next scheduled meeting.

There being no further business, the meeting of the MDTA Capital Committee was adjourned by consensus at 9:09 a.m. following a motion by Member Cox and seconded by Member Gaines.

The next meeting of the MDTA Capital Committee is scheduled for Thursday, August 3, 2023, at 9:00 a.m. at Point Breeze Headquarters, 2310 Broening Highway, Baltimore, Maryland.

APPROVED AND CONCURRED IN:

Mario J. Gangemi, Chairman



Maryland
Transportation
Authority

CAPITAL COMMITTEE PROJECT SUMMARY

MR-3033-0000 - On-Call Structural Repairs and Miscellaneous Modifications

PIN NUMBER 2573
CONTRACT NUMBER MR-3033-0000
CONTRACT TITLE On-Call Structural Repairs and Miscellaneous Modifications

PROJECT SUMMARY This project is a multi-award contract to provide labor, equipment, materials, etc. necessary to perform miscellaneous structural, concrete, and other types of repairs, upgrades, replacements, and new construction as directed by the Engineer. This work may be required on any portion (bridge, tunnel, highway, building, and all appurtenances) of any of the MDTA's facilities.

SCHEDULE

ADVERTISEMENT DATE 3/14/2023
ANTICIPATED NOTICE TO PROCEED DATE Nov-23
DURATION (CALENDER DAYS) 1,460

	(\$)			
	Advertised GOAL (%)	Proposed GOAL (%)	Proposed GOAL (%)	Proposed GOAL (%)
MBE PARTICIPATION		Brawner Builders., Inc.	M. D. Miller t/a The Marksmen	Concrete General, Inc.
OVERALL MBE	10.00%	10.00%	10.20%	10.00%
AFRICAN AMERICAN	0.00%	2.00%	0.00%	0.27%
ASIAN AMERICAN	0.00%	0.00%	0.00%	0.03%
HISPANIC AMERICAN	0.00%	2.00%	0.00%	2.05%
WOMEN	0.00%	6.00%	10.20%	7.65%
VSBE	1.00%	1.00%	1.00%	1.00%

ENGINEER'S ESTIMATE (EE) \$29,963,875.00

BID PROTEST YES NO

FUNDING SOURCE 100% TOLL REVENUE

BID RESULTS	BID AMOUNT (\$)	% VARIANCE TO EE
Brawner Builders, Inc. (Brawner)	\$14,465,893.65	-51%
M. D. Miller t/a The Marksmen	\$20,341,175.10	-32%
Concrete General, Inc.	\$21,969,342.36	-26%



MEMORANDUM

TO: Director of Engineering, Sushmita Mitra, P.E., PTOE
FROM: Structures Project Engineer, Simon Tseggai, P.E.
SUBJECT: MR-3033-0000
On-Call Structural Repairs and Miscellaneous Modifications – Multi-Award Bid Justification
DATE: August 30, 2023

On May 24, 2023, three (3) bids were opened for the referenced Contract. The bid amounts were:

<u>Contractor</u>	<u>Bid Amount</u>	<u>%Variance (With Eng. Est.)</u>
Brawner Builders, Inc. (Brawner)	\$ 14,465,893.65	(51.7%)
M. D. Miller t/a The Marksmen (Marksmen)	\$ 20,341,175.10	(32.1%)
Concrete General, Inc. (Concrete General)	\$ 21,969,342.36	(26.7%)

The Engineer’s Estimate (EE) for this project is \$29,963,875.00. The apparent low bidder Brawner’s price is \$15,497,981.35 lower than the EE. The second apparent bidder Marksmen’s price is \$9,622,699.92 lower than the EE, and the third apparent bidder Concrete General’s price is \$7,994,532.64 lower than the EE. An evaluation of the three bids was performed and the following is summary of our analysis.

The bid amounts submitted by all three contractors are well below the EE. Major contributing cost differences between the EE and each of three contractors’ bids are resulting from Item 4005 (Skilled Labor) and Item 4006 (Foreman Including Light Truck). These two (2) bid items, which are the two highest quantity bid items for the entire contract, accounted for total differences from the EE of \$16.0 M from Brawner’s bid, \$8.6 M from Marksmen’s bid and \$5.6 M from Concrete General’s bid.

To determine if submitted bids are reasonable, we focused on the whole bid package for each contractor instead of individual bid items. A cost comparison was performed for a typical repair task order using the contractors’ submitted bid prices, which was then compared to the EE under this contract. Although all three contractors’ bid amounts are significantly below the EE, the actual cost difference for a typical task order assignment is minimal. The results indicate that the end result is in accordance with our expectations for this Contract.

Overall, the engineer’s estimate for this contract is on the high side in comparison to historical price data of similar MDTA contracts. This is mainly in consideration of the high inflation rate of goods and services in the current market conditions. However, since this was advertised as the first multi-award structural on-call contract with no guarantee on how many contracts would be awarded, it appears to have created a highly competitive environment in which the contractors significantly reduced their prices in order to secure a contract.

RECOMMENDATION:

Based on our reviews, I recommend accepting the bids from Brawner, Marksmen, and Concrete General. All three contractors have successful histories working for the MDTA on similar on-call contracts.

In accordance with the provisions in the IFB for this multi-award contract with a total budget of \$30,000,000.00, I recommend awarding three contracts for the following Not-to-Exceed amounts:

- Brawner Builders, Inc. \$ 11,000,000.00
- M. D. Miller t/a The Marksmen \$ 10,000,000.00
- Concrete General, Inc. \$ 9,000,000.00

Approved:



Sushmita Mitra, P.E., PTOE

8/31/2023

Date

ATTACHMENTS: Bid Tabulations and Comparison

Maryland Transportation Authority

Contract Name: **On-Call Structural Repairs and Miscellaneous Modification**

Contract Number: **MR-3033-0000**

Bid Date: May 24, 2023

Bid Tabulation

Item No.	Category code	Item Description	Unit	Quantity	Engineer's Estimate		BRAWNER BUILDERS, INC. (Apparent Low Bidder)		
					Unit Price	Total	UNIT PRICE (Contractor's)	TOTAL (Contractor's)	+/- % of Est.
1001	120747	FLAGGER	HR	1,000	\$ 100.00	\$ 100,000.00	\$ 50.00	\$ 50,000.00	-50.00%
1002	110370	TYPE D ENGINEERS OFFICE	LS	1	\$ 207,000.00	\$ 207,000.00	\$ 70,000.00	\$ 70,000.00	-66.18%
1003	100000-UD	ADDITIONAL PROTECTION VEHICLE	UD	600	\$ 300.00	\$ 180,000.00	\$ 0.01	\$ 6.00	-100.00%
1004	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	1,000	\$ 1,500.00	\$ 1,500,000.00	\$ 2,050.00	\$ 2,050,000.00	36.67%
1005	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	100	\$ 1,800.00	\$ 180,000.00	\$ 1,000.00	\$ 100,000.00	-44.44%
1006	100000-UD	TEMPORARY TRIPLE LANE CLOSURE	UD	30	\$ 2,250.00	\$ 67,500.00	\$ 500.00	\$ 15,000.00	-77.78%
1007	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	400	\$ 750.00	\$ 300,000.00	\$ 1,950.00	\$ 780,000.00	160.00%
1008	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	50	\$ 800.00	\$ 40,000.00	\$ 100.00	\$ 5,000.00	-87.50%
1009	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	50	\$ 800.00	\$ 40,000.00	\$ 100.00	\$ 5,000.00	-87.50%
1010	121150	PRECAST TEMPORARY 32 INCH F SHAPE CONCRETE TRAFFIC BARRIER	LF	3,000	\$ 55.00	\$ 165,000.00	\$ 0.01	\$ 30.00	-99.98%
1011	120717	REFLECTIVE BARRIER MARKERS	EA	125	\$ 25.00	\$ 3,125.00	\$ 0.01	\$ 1.25	-99.96%
1012	100000-AL	RAILROAD EXPENSES	AL	1	\$ 460,000.00	\$ 460,000.00	\$ 460,000.00	\$ 460,000.00	0.00%
1013	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARRELS FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 0.01	\$ 0.50	-100.00%
1014	120763	VERTICAL PANELS	EA	10	\$ 50.00	\$ 500.00	\$ 0.01	\$ 0.10	-99.98%
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE FILLED STEEL GRID DECK	SF	500	\$ 85.00	\$ 42,500.00	\$ 0.01	\$ 5.00	-99.99%
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	6,000	\$ 90.00	\$ 540,000.00	\$ 75.00	\$ 450,000.00	-16.67%
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	1,200	\$ 85.00	\$ 102,000.00	\$ 0.01	\$ 12.00	-99.99%
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE FILLED STEEL GRID DECK	SF	2,000	\$ 85.00	\$ 170,000.00	\$ 0.01	\$ 20.00	-99.99%
4005	400000-HR	SKILLED LABOR	HR	200,000	\$ 80.00	\$ 16,000,000.00	\$ 0.01	\$ 2,000.00	-99.99%
4006	400000-HR	FOREMAN INCLUDING LIGHT DUTY TRUCK	HR	40,000	\$ 90.00	\$ 3,600,000.00	\$ 124.00	\$ 4,960,000.00	37.78%
4007	400000-UD	BOAT CAPTAIN INCLUDING BOAT	UD	90	\$ 645.00	\$ 58,050.00	\$ 520.00	\$ 46,800.00	-19.38%
4008	400000-HR	WELDER INCLUDING LIGHT DUTY TRUCK	HR	1,700	\$ 95.00	\$ 161,500.00	\$ 70.00	\$ 119,000.00	-26.32%
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	120	\$ 500.00	\$ 60,000.00	\$ 500.00	\$ 60,000.00	0.00%
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 0.01	\$ 1.50	-100.00%

Maryland Transportation Authority

Contract Name: **On-Call Structural Repairs and Miscellaneous Modification**

Contract Number: **MR-3033-0000**

Bid Date: May 24, 2023

Bid Tabulation

					Engineer's Estimate		BRAWNER BUILDERS, INC. (Apparent Low Bidder)		
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	400	\$ 90.00	\$ 36,000.00	\$ 350.00	\$ 140,000.00	288.89%
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	400	\$ 185.00	\$ 74,000.00	\$ 0.01	\$ 4.00	-99.99%
4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	400	\$ 275.00	\$ 110,000.00	\$ 1,450.00	\$ 580,000.00	427.27%
4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	150	\$ 600.00	\$ 90,000.00	\$ 0.01	\$ 1.50	-100.00%
4015	400000-UD	PORTABLE LIGHT TREE	UD	300	\$ 120.00	\$ 36,000.00	\$ 200.00	\$ 60,000.00	66.67%
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS	UD	50	\$ 850.00	\$ 42,500.00	\$ 0.01	\$ 0.50	-100.00%
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 700.00	\$ 35,000.00	\$ 0.01	\$ 0.50	-100.00%
4018	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY	UD	250	\$ 800.00	\$ 200,000.00	\$ 0.01	\$ 2.50	-100.00%
4019	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY	UD	250	\$ 900.00	\$ 225,000.00	\$ 0.01	\$ 2.50	-100.00%
4020	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY	UD	50	\$ 600.00	\$ 30,000.00	\$ 0.01	\$ 0.50	-100.00%
4021	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY	UD	50	\$ 500.00	\$ 25,000.00	\$ 100.00	\$ 5,000.00	-80.00%
4022	400000-UD	TRACK LOADER, 1 C Y-2.5 CY, MIN. 140 HP	UD	60	\$ 720.00	\$ 43,200.00	\$ 0.01	\$ 0.60	-100.00%
4023	400000-UD	SKID STEER LOADER, 45 HP-75 HP	UD	200	\$ 350.00	\$ 70,000.00	\$ 0.01	\$ 2.00	-100.00%
4024	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM WITH OPERATOR (UP TO 59 FT REACH BELOW)	UD	140	\$ 2,800.00	\$ 392,000.00	\$ 2,200.00	\$ 308,000.00	-21.43%
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET INCLUDING ARTICULATING BOOM WITH OPERATOR (UP TO 70 FT REACH BELOW BRIDGE EXTENSION)	UD	70	\$ 4,500.00	\$ 315,000.00	\$ 0.01	\$ 0.70	-100.00%
4026	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	200	\$ 40.00	\$ 8,000.00	\$ 0.01	\$ 2.00	-99.98%
4027	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$ 2,200,000.00	\$ 2,200,000.00	\$ 2,200,000.00	\$ 2,200,000.00	0.00%
4028	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	0.00%
4029	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$ 1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00	0.00%
TOTAL COST:						\$ 29,963,875.00		\$ 14,465,893.65	-51.7

Maryland Transportation Authority

Contract Name: **On-Call Structural Repairs and Miscellaneous Modification**

Contract Number: **MR-3033-0000**

Bid Date: May 24, 2023

Bid Tabulation

Item No.	Category code	Item Description	Unit	Quantity	Engineer's Estimate		M. D. MILLER COMPANY, INC (2-nd Low Bidder)		
					Unit Price	Total	UNIT PRICE (Contractor's)	TOTAL (Contractor's)	+/- % of Est.
1001	120747	FLAGGER	HR	1,000	\$ 100.00	\$ 100,000.00	\$ 50.00	\$ 50,000.00	-50.00%
1002	110370	TYPE D ENGINEERS OFFICE	LS	1	\$ 207,000.00	\$ 207,000.00	\$ 350,000.00	\$ 350,000.00	69.08%
1003	100000-UD	ADDITIONAL PROTECTION VEHICLE	UD	600	\$ 300.00	\$ 180,000.00	\$ 250.00	\$ 150,000.00	-16.67%
1004	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	1,000	\$ 1,500.00	\$ 1,500,000.00	\$ 1,000.00	\$ 1,000,000.00	-33.33%
1005	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	100	\$ 1,800.00	\$ 180,000.00	\$ 1,500.00	\$ 150,000.00	-16.67%
1006	100000-UD	TEMPORARY TRIPLE LANE CLOSURE	UD	30	\$ 2,250.00	\$ 67,500.00	\$ 0.01	\$ 0.30	-100.00%
1007	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	400	\$ 750.00	\$ 300,000.00	\$ 0.01	\$ 4.00	-100.00%
1008	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	50	\$ 800.00	\$ 40,000.00	\$ 0.01	\$ 0.50	-100.00%
1009	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	50	\$ 800.00	\$ 40,000.00	\$ 0.01	\$ 0.50	-100.00%
1010	121150	PRECAST TEMPORARY 32 INCH F SHAPE CONCRETE TRAFFIC BARRIER	LF	3,000	\$ 55.00	\$ 165,000.00	\$ 50.00	\$ 150,000.00	-9.09%
1011	120717	REFLECTIVE BARRIER MARKERS	EA	125	\$ 25.00	\$ 3,125.00	\$ 10.00	\$ 1,250.00	-60.00%
1012	100000-AL	RAILROAD EXPENSES	AL	1	\$ 460,000.00	\$ 460,000.00	\$ 460,000.00	\$ 460,000.00	0.00%
1013	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARRELS FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 3,000.00	\$ 150,000.00	1400.00%
1014	120763	VERTICAL PANELS	EA	10	\$ 50.00	\$ 500.00	\$ 100.00	\$ 1,000.00	100.00%
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE FILLED STEEL GRID DECK	SF	500	\$ 85.00	\$ 42,500.00	\$ 0.01	\$ 5.00	-99.99%
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	6,000	\$ 90.00	\$ 540,000.00	\$ 75.00	\$ 450,000.00	-16.67%
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	1,200	\$ 85.00	\$ 102,000.00	\$ 75.00	\$ 90,000.00	-11.76%
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE FILLED STEEL GRID DECK	SF	2,000	\$ 85.00	\$ 170,000.00	\$ 75.00	\$ 150,000.00	-11.76%
4005	400000-HR	SKILLED LABOR	HR	200,000	\$ 80.00	\$ 16,000,000.00	\$ 55.00	\$ 11,000,000.00	-31.25%
4006	400000-HR	FOREMAN INCLUDING LIGHT DUTY TRUCK	HR	40,000	\$ 90.00	\$ 3,600,000.00	\$ 0.01	\$ 400.00	-99.99%
4007	400000-UD	BOAT CAPTAIN INCLUDING BOAT	UD	90	\$ 645.00	\$ 58,050.00	\$ 150.00	\$ 13,500.00	-76.74%
4008	400000-HR	WELDER INCLUDING LIGHT DUTY TRUCK	HR	1,700	\$ 95.00	\$ 161,500.00	\$ 150.00	\$ 255,000.00	57.89%
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	120	\$ 500.00	\$ 60,000.00	\$ 0.01	\$ 1.20	-100.00%
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 200.00	\$ 30,000.00	-33.33%

Maryland Transportation Authority

Contract Name: **On-Call Structural Repairs and Miscellaneous Modification**

Contract Number: **MR-3033-0000**

Bid Date: May 24, 2023

Bid Tabulation

				Engineer's Estimate			M. D. MILLER COMPANY, INC (2-nd Low Bidder)		
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	400	\$ 90.00	\$ 36,000.00	\$ 200.00	\$ 80,000.00	122.22%
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	400	\$ 185.00	\$ 74,000.00	\$ 0.01	\$ 4.00	-99.99%
4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	400	\$ 275.00	\$ 110,000.00	\$ 2,500.00	\$ 1,000,000.00	809.09%
4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	150	\$ 600.00	\$ 90,000.00	\$ 0.01	\$ 1.50	-100.00%
4015	400000-UD	PORTABLE LIGHT TREE	UD	300	\$ 120.00	\$ 36,000.00	\$ 200.00	\$ 60,000.00	66.67%
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS	UD	50	\$ 850.00	\$ 42,500.00	\$ 0.01	\$ 0.50	-100.00%
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 700.00	\$ 35,000.00	\$ 500.00	\$ 25,000.00	-28.57%
4018	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY	UD	250	\$ 800.00	\$ 200,000.00	\$ 0.01	\$ 2.50	-100.00%
4019	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY	UD	250	\$ 900.00	\$ 225,000.00	\$ 0.01	\$ 2.50	-100.00%
4020	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY	UD	50	\$ 600.00	\$ 30,000.00	\$ 1,000.00	\$ 50,000.00	66.67%
4021	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY	UD	50	\$ 500.00	\$ 25,000.00	\$ 500.00	\$ 25,000.00	0.00%
4022	400000-UD	TRACK LOADER, 1 C Y-2.5 CY, MIN. 140 HP	UD	60	\$ 720.00	\$ 43,200.00	\$ 0.01	\$ 0.60	-100.00%
4023	400000-UD	SKID STEER LOADER, 45 HP-75 HP	UD	200	\$ 350.00	\$ 70,000.00	\$ 500.00	\$ 100,000.00	42.86%
4024	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM WITH OPERATOR (UP TO 59 FT REACH BELOW)	UD	140	\$ 2,800.00	\$ 392,000.00	\$ 1,500.00	\$ 210,000.00	-46.43%
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET INCLUDING ARTICULATING BOOM WITH OPERATOR (UP TO 70 FT REACH BELOW BRIDGE EXTENSION)	UD	70	\$ 4,500.00	\$ 315,000.00	\$ 2,000.00	\$ 140,000.00	-55.56%
4026	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	200	\$ 40.00	\$ 8,000.00	\$ 0.01	\$ 2.00	-99.98%
4027	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$2,200,000.00	\$ 2,200,000.00	\$ 2,200,000.00	\$ 2,200,000.00	0.00%
4028	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	0.00%
4029	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00	0.00%
TOTAL COST:						\$ 29,963,875.00		\$ 20,341,175.10	-32.1

Maryland Transportation Authority

Contract Name: **On-Call Structural Repairs and Miscellaneous Modification**

Contract Number: **MR-3033-0000**

Bid Date: May 24, 2023

Bid Tabulation

Item No.	Category code	Item Description	Unit	Quantity	Engineer's Estimate		CONCRETE GENERAL, INC. (3-rd Low Bidder)		
					Unit Price	Total	UNIT PRICE (Contractor's)	TOTAL (Contractor's)	+/- % of Est.
1001	120747	FLAGGER	HR	1,000	\$ 100.00	\$ 100,000.00	\$ 0.01	\$ 10.00	-99.99%
1002	110370	TYPE D ENGINEERS OFFICE	LS	1	\$ 207,000.00	\$ 207,000.00	\$ 0.01	\$ 0.01	-100.00%
1003	100000-UD	ADDITIONAL PROTECTION VEHICLE	UD	600	\$ 300.00	\$ 180,000.00	\$ 0.01	\$ 6.00	-100.00%
1004	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	1,000	\$ 1,500.00	\$ 1,500,000.00	\$ 0.01	\$ 10.00	-100.00%
1005	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	100	\$ 1,800.00	\$ 180,000.00	\$ 0.01	\$ 1.00	-100.00%
1006	100000-UD	TEMPORARY TRIPLE LANE CLOSURE	UD	30	\$ 2,250.00	\$ 67,500.00	\$ 0.01	\$ 0.30	-100.00%
1007	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	400	\$ 750.00	\$ 300,000.00	\$ 0.01	\$ 4.00	-100.00%
1008	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	50	\$ 800.00	\$ 40,000.00	\$ 0.01	\$ 0.50	-100.00%
1009	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	50	\$ 800.00	\$ 40,000.00	\$ 0.01	\$ 0.50	-100.00%
1010	121150	PRECAST TEMPORARY 32 INCH F SHAPE CONCRETE TRAFFIC BARRIER	LF	3,000	\$ 55.00	\$ 165,000.00	\$ 35.00	\$ 105,000.00	-36.36%
1011	120717	REFLECTIVE BARRIER MARKERS	EA	125	\$ 25.00	\$ 3,125.00	\$ 0.01	\$ 1.25	-99.96%
1012	100000-AL	RAILROAD EXPENSES	AL	1	\$ 460,000.00	\$ 460,000.00	\$ 460,000.00	\$ 460,000.00	0.00%
1013	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARRELS FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 2,510.00	\$ 125,500.00	1155.00%
1014	120763	VERTICAL PANELS	EA	10	\$ 50.00	\$ 500.00	\$ 0.01	\$ 0.10	-99.98%
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE FILLED STEEL GRID DECK	SF	500	\$ 85.00	\$ 42,500.00	\$ 80.00	\$ 40,000.00	-5.88%
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	6,000	\$ 90.00	\$ 540,000.00	\$ 80.00	\$ 480,000.00	-11.11%
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	1,200	\$ 85.00	\$ 102,000.00	\$ 80.00	\$ 96,000.00	-5.88%
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE FILLED STEEL GRID DECK	SF	2,000	\$ 85.00	\$ 170,000.00	\$ 80.00	\$ 160,000.00	-5.88%
4005	400000-HR	SKILLED LABOR	HR	200,000	\$ 80.00	\$ 16,000,000.00	\$ 70.00	\$ 14,000,000.00	-12.50%
4006	400000-HR	FOREMAN INCLUDING LIGHT DUTY TRUCK	HR	40,000	\$ 90.00	\$ 3,600,000.00	\$ 0.01	\$ 400.00	-99.99%
4007	400000-UD	BOAT CAPTAIN INCLUDING BOAT	UD	90	\$ 645.00	\$ 58,050.00	\$ 600.00	\$ 54,000.00	-6.98%
4008	400000-HR	WELDER INCLUDING LIGHT DUTY TRUCK	HR	1,700	\$ 95.00	\$ 161,500.00	\$ 110.00	\$ 187,000.00	15.79%
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	120	\$ 500.00	\$ 60,000.00	\$ 0.01	\$ 1.20	-100.00%
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 0.01	\$ 1.50	-100.00%

Maryland Transportation Authority

Contract Name: **On-Call Structural Repairs and Miscellaneous Modification**

Contract Number: **MR-3033-0000**

Bid Date: May 24, 2023

Bid Tabulation

				Engineer's Estimate		CONCRETE GENERAL, INC. (3-rd Low Bidder)			
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	400	\$ 90.00	\$ 36,000.00	\$ 200.00	\$ 80,000.00	122.22%
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	400	\$ 185.00	\$ 74,000.00	\$ 0.01	\$ 4.00	-99.99%
4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	400	\$ 275.00	\$ 110,000.00	\$ 2,100.00	\$ 840,000.00	663.64%
4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	150	\$ 600.00	\$ 90,000.00	\$ 250.00	\$ 37,500.00	-58.33%
4015	400000-UD	PORTABLE LIGHT TREE	UD	300	\$ 120.00	\$ 36,000.00	\$ 200.00	\$ 60,000.00	66.67%
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS	UD	50	\$ 850.00	\$ 42,500.00	\$ 400.00	\$ 20,000.00	-52.94%
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 700.00	\$ 35,000.00	\$ 320.00	\$ 16,000.00	-54.29%
4018	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY	UD	250	\$ 800.00	\$ 200,000.00	\$ 1,200.00	\$ 300,000.00	50.00%
4019	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY	UD	250	\$ 900.00	\$ 225,000.00	\$ 250.00	\$ 62,500.00	-72.22%
4020	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY	UD	50	\$ 600.00	\$ 30,000.00	\$ 640.00	\$ 32,000.00	6.67%
4021	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY	UD	50	\$ 500.00	\$ 25,000.00	\$ 520.00	\$ 26,000.00	4.00%
4022	400000-UD	TRACK LOADER, 1 C Y-2.5 CY, MIN. 140 HP	UD	60	\$ 720.00	\$ 43,200.00	\$ 240.00	\$ 14,400.00	-66.67%
4023	400000-UD	SKID STEER LOADER, 45 HP-75 HP	UD	200	\$ 350.00	\$ 70,000.00	\$ 240.00	\$ 48,000.00	-31.43%
4024	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM WITH OPERATOR (UP TO 59 FT REACH BELOW)	UD	140	\$ 2,800.00	\$ 392,000.00	\$ 2,500.00	\$ 350,000.00	-10.71%
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET INCLUDING ARTICULATING BOOM WITH OPERATOR (UP TO 70 FT REACH BELOW BRIDGE EXTENSION)	UD	70	\$ 4,500.00	\$ 315,000.00	\$ 2,500.00	\$ 175,000.00	-44.44%
4026	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	200	\$ 40.00	\$ 8,000.00	\$ 0.01	\$ 2.00	-99.98%
4027	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$ 2,200,000.00	\$ 2,200,000.00	\$ 2,200,000.00	\$ 2,200,000.00	0.00%
4028	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	0.00%
4029	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$ 1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00	0.00%
TOTAL COST:						\$ 29,963,875.00		\$ 21,969,342.36	-26.7