



300 E. Locust Street, Ste. 100
Des Moines, Iowa 50309
515-244-0021

MEMORANDUM

DATE: December 15, 2021

TO: MWA Board Members

CC: MWA Staff

FROM: Michael McCoy, Executive Director

RE: Wednesday, Dec. 15, 2021, Board Meeting

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This month's board meeting is scheduled for Wednesday, Dec. 15, 2021, at 5:45 pm in the board room at Central Office (300 East Locust Street, Ste. 100, Des Moines, Iowa). If you have questions about any items listed below, please call me at 323.6519 (w) or 707.3869 (c). I look forward to seeing you on Wednesday.

The following numbered items correspond with the number of the item on the agenda:

Consent Agenda Items for Approval

6. Resolution 12-21-01 - Consideration of September 2021, Financial Statements

7. Resolution 12-21-02 - Consideration of November 2021, Monthly Expenditures

8. Resolution 12-21-03 - Approval to Purchase Three Passenger Trucks for Metro Park East Landfill

Three replacement pickup trucks are budgeted for FY21/22. The budgeted amount for each truck is \$40,575. Metro Waste Authority utilizes the State of Iowa contract for vehicle procurement. Delivery time on these vehicles is approximately 24 to 28 weeks.

9. Resolution 12-21-04 - Approval to Purchase Box Truck for Metro Northwest Transfer Station

The primary use of the box truck is to transport household hazardous material from Metro Northwest Transfer Station (MNTS), in Grimes, to the Metro Hazardous Waste Drop-off (MHWD), in Bondurant. The truck will also be used to deliver and pickup garbage carts and collect recyclables from businesses for the Material Recovery Facility (MRF). This vehicle is a replacement for an existing box truck and is budgeted for FY21/22.

Regular Agenda Items for Approval

10. Resolution 12-21-05 – Approval to Hire HDR to Design and Prepare Specifications for Cell E Construction – Action Item

To stay on track with the projected timeline for Cell E construction and leachate lagoon cleanout, final design and bid specifications must be prepared.

Staff recommends a contract with HDR, not to exceed \$87,000. The cell construction is a budgeted project in FY21/22 and this contract is part of the cost for the total project.

11. Resolution 12-21-06 – Approval of Metro Waste Authority FY20/21 Audit Report – Action Item

The audit committee met on Wednesday, Dec. 8, 2021, with Robert Endriss from Denman and Company, LLP, to review a preliminary draft of the FY20/21 audit report. The audit opinion was clean with no qualifications. There were no compliance items noted. A copy of the preliminary report will be included in the packet, following the write up. Staff recommends approval.

12. Resolution 12-21-07 – Approval of Contract with Ankeny Sanitation, Inc. (ASI) for Solid Waste and Yard Waste Collection in Altoona, Bondurant, Clive, and Pleasant Hill – Action Item

An RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste for the 21 cities Metro Waste Authority handles contract management. Contracts currently in place and managed by MWA expire June 30, 2022, and the new contracts will begin July 1, 2022. Solid waste, recycling, and yard waste services were bid by zones, bundling communities together to reach optimal housecount for hauler efficiency, thus pricing.

There was an alternate bid to continue recycling as a standalone service. After thorough evaluation, staff recommends one hauler for each solid waste and yard waste bundle, and one hauler for recycling services for all 21 participating cities. The RFP indicated no one hauler can be awarded more than two contracts, to ensure a competitive market in the future. Although price is one of several factors, it was a very important element in determining this recommendation and ASI was the lowest bid response price. The hauler also has extensive, successful experience offering these services in the metro.

13. Resolution 12-21-08 – Approval of Contract with Waste Connections for Solid Waste and Yard Waste Collection in Carlisle, West Des Moines, and Windsor Heights – Action Item

An RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste for the 21 cities Metro Waste Authority handles contract management. Contracts currently in place and managed by MWA expire June 30, 2022, and the new contracts will begin July 1, 2022. Solid waste, recycling, and yard waste services were bid by zones, bundling communities together to reach optimal housecount for hauler efficiency, thus pricing.

There was an alternate bid to continue recycling as a standalone service. After thorough evaluation, staff recommends one hauler for each solid waste and yard waste bundle, and one hauler for recycling services for all 21 participating cities. The RFP indicated no one hauler can be awarded more than two contracts, in order to ensure a competitive market in the future. MWA recommends Waste Connections, largely based on experience, price, and compliance with the draft agreement included in the RFP.

14. Resolution 12-21-09 – Approval of Contract with Ankeny Sanitation, Inc. (ASI) for Solid Waste and Yard Waste Collection in Grimes, Johnston, Mitchellville, Norwalk, Polk City, and Runnells – Action Item

An RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste for the 21 cities Metro Waste Authority handles contract management. Contracts currently in place and managed by MWA expire June 30, 2022, and the new contracts will begin July 1, 2022. Solid waste, recycling, and yard waste services were bid by zones, bundling communities together to reach optimal housecount for hauler efficiency, thus pricing.

There was an alternate bid to continue recycling as a standalone service. After thorough evaluation, staff recommends one hauler for each solid waste and yard waste bundle, and one hauler for recycling services for all 21 participating cities. The RFP indicated no one hauler can be awarded more than two contracts, to ensure a competitive market in the future. Although price is one of several factors, it was a very important element in determining this recommendation and ASI was the lowest bid response price. The hauler also has extensive, successful experience offering these services in the metro.

15. Resolution 12-21-10 – Approval of Contract with Waste Management for Recycling Collection for all 21 cities in the Curb It! program.

An RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste for 21 cities under contract management with Metro Waste Authority. Contracts currently in place and managed by MWA expire June 30, 2022, and the new contracts will begin July 1, 2022. Services were bid by zones for solid waste and yard waste, with an alternate for recycling only.

After thorough evaluation, MWA staff is recommending one hauler for solid waste and yard waste for each bundle, and one hauler for all Curb It! recycling from 21 cities participating in the program. The evaluation indicated Waste Management as the recommended hauler, mainly based on price, as well as enhanced technology used to help monitor and reduce contamination in the recycling program.



**Board of Directors
2021 Calendar Year**

Ron Pogge
Chair

David Gisch
Vice-Chair

Dean O'Connor
Altoona

Mark Holm
Ankeny

Wes Enos
Bondurant

John Edwards
Clive

Joe Gatto
Des Moines

Steve Allen
Elkhart

David Gisch
Grimes

Tom Cope
Johnston

Bill Roberts
Mitchellville

Ed Kuhl
Norwalk

Dean Cooper
Pleasant Hill

Rob Sarchet
Polk City

Tom Hockensmith
Polk County

Gerald Lane
Runnells

Ron Pogge
Urbandale

Steve Gaer
West Des Moines

Susan Skeries
Windsor Heights

Michael McCoy
Executive Director

**Metro Waste Authority
Board Meeting
December 15, 2021**

MWA Central Office
300 E. Locust Street, Ste. 100, Des Moines, Iowa 50309
5:45 pm

Members of the public wishing to attend this meeting in person may do so at the MWA Central Office, where seats will be arranged to allow for social distancing. Masks will be available and are mandatory for public guests. Additional CDC recommendations will be implemented.

**Meeting ID: 897 5219 9426
Passcode: 144615**

Agenda

1. Call to Order, Roll Call
2. Approval of Regular Agenda
3. Public Forum

CONSENT AGENDA

The following are routine items enacted by one roll call vote without separate discussion unless someone, Board or Public, requests an item be removed for consideration:

4. Approval of Consent Agenda – Items 4 through 9
5. Consideration of Minutes November 17, 2021, Metro Waste Authority Board Meeting – Action for Approval
6. Resolution 12-21-01 - Consideration of September 2021, Financial Statements – Action to Receive and File
7. Resolution 12-21-02 – Consideration of November 2021, Monthly Expenditures – Action for Approval
8. Resolution 12-21-03 – Approval to Purchase Three Passenger Trucks for Metro Park East Landfill - Action for Approval
9. Resolution 12-21-04 – Approval to Purchase Box Truck for Metro Northwest Transfer Station - Action for Approval

END CONSENT AGENDA

Regular Agenda Items for Approval – Items 10 through 15

10. Resolution 12-21-05 – Approval to Hire HDR to Design and Prepare Specifications for Cell E Construction – Action Item
11. Resolution 12-21-06 – Approval of Metro Waste Authority FY20/21 Audit Report – Action Item

12. Resolution 12-21-07 – Approval of Contract with Ankeny Sanitation, Inc. (ASI) for Solid Waste and Yard Waste Collection in Altoona, Bondurant, Clive, and Pleasant Hill – Action Item
13. Resolution 12-21-08 – Approval of Contract with Waste Connections for Solid Waste and Yard Waste Collection in Carlisle, West Des Moines, and Windsor Heights – Action Item
14. Resolution 12-21-09 – Approval of Contract with Ankeny Sanitation, Inc. (ASI) for Solid Waste and Yard Waste Collection in Grimes, Johnston, Mitchellville, Norwalk, Polk City, and Runnells – Action Item
15. Resolution 12-21-10 – Approval of Contract with Waste Management for Recycling Collection in all 21 Cities in the Curb It! Program – Action Item
16. Director's Report
17. Chair's Report
18. General Board Discussion and Other Business
19. Correspondence
20. Adjournment

January Executive/Finance Meeting: January 5, 2022, MWA Central Office, 300 E. Locust Street, Ste 100, Des Moines, Iowa 50309, 12:00 pm.

January Board Meeting: January 19, 2022, MWA Central Office, 300 E. Locust Street, Ste. 100, Des Moines, Iowa 50309, 5:45 pm.



300 E. Locust Street, Ste. 100
Des Moines, Iowa 50309
515-244-0021

November 17, 2021 Unofficial Metro Waste Authority Board Meeting Minutes

1. Call to Order

The meeting was held at Metro Recycling Facility Education Center. Ron Pogge, chair, called the November 17, 2021, Metro Waste Authority Board Meeting to order at 5:45 pm. A quorum was present.

Roll Call – MWA Board Representatives/Alternates in Attendance

Dean O'Connor, Altoona, In Person
Mark Holm, Ankeny, In Person
John Edwards, Clive, In Person
Joe Gatto, Des Moines, In Person
David Gisch, Grimes, In Person
Tom Cope, Johnston, In Person
Bill Roberts, Mitchellville, In Person
Ed Kuhl, Norwalk, In Person
Tom Hockensmith, Polk County, In Person
Gerald Lane, Runnells, In Person
Ron Pogge, Urbandale, In Person
Bret Hodne, West Des Moines, In Person
Susan Skeries, Windsor Heights, In Person

2. Approval of Regular Agenda

Moved by Clive, seconded by Altoona, to approve the November 17, 2021, board meeting agenda as presented. Motion carried unanimously by voice vote.

3. Public Forum

There were no requests to address the Board.

CONSENT AGENDA

The following are routine items enacted by one roll call vote without separate discussion unless someone, Board or Public, requests that an item be removed for consideration:

4. Approval of Consent Agenda – Items 4 through 9

Moved by Ankeny, seconded by Altoona, to approve the Consent Agenda, items 4 through 9. Motion carried unanimously by voice vote.

5. Consideration of Minutes of October 20, 2021, Metro Waste Authority Board Meeting – Action for Approval

6. Resolution 11-21-01 - Consideration of June 2021, Financial Statement - Action to Receive and File

7. Resolution 11-21-02 - Consideration of July 2021, Financial Statement - Action to Receive and File

8. Resolution 11-21-03 - Consideration of August 2021, Financial Statement - Action to Receive and File
9. Resolution 11-21-04 - Consideration of October 2021, Monthly Expenditures - Action for Approval

END CONSENT AGENDA

Regular Agenda Items for Approval - Items 10 and 11

10. Resolution 11-21-05 - Approval to Purchase Articulated Dump Truck (ADT) - Action Item
Moved by Altoona, seconded by Des Moines, to approve Resolution 11-21-05. Motion carried unanimously by voice vote.

Jon Penheiter, solid waste administrator, reported Metro Waste Authority (MWA) received three bids to purchase an ADT for Metro Park East Landfill (MPE). Two of the bids were for preowned ADTs, each with less than 2,000 hours. The third bid was for a new ADT that was over budget. MWA staff recommend Murphy Tractor's bid for the 2019 John Deer ADT at \$432,500. This ADT was the lowest bid and has the highest hauling capacity.

Bret Hodne, West Des Moines, asked why the budget was lower than the cost of a new ADT. Penheiter stated he was not part of the original budget process, however, believed it was due to the anticipation of acquiring a preowned ADT.

Tom Hockensmith, Polk County, asked what the primary use of the ADT. Penheiter stated it is used to move compost, fly ash, daily cover, and prairie meadow's material.

11. Resolution 11-21-06 - Approval to Award Bid for Public Improvement at Central Office - Action Item
Moved by Clive, seconded by Johnston, to approve Resolution 11-21-06. Motion carried unanimously by voice vote.

Michael McCoy, executive director, reported MWA received a grant from the Iowa DNR to install solar panels on the roof at MWA's Central Office (CO) to reduce the energy cost by 50%. One bid was received from EPo Energy, LLC, for the installation of a solar panel system at CO.

12. Director's Report
McCoy reported MWA received a great turn out for the RFP's for the bundled contracts for solid waste and recycling.

Leslie Irlbeck, deputy director, reported for the first time in 20 years, all MWA contracts will expire at the same time for garbage, recycling, and yard waste. This will allow MWA to bundle contracts by zones for potentially one hauler to collect all three services, or one hauler for garbage and yard waste and a separate hauler for recycling.

McCoy spoke with Ankeny City Council on Monday, Nov. 15, 2021, to discuss the pros and cons of a consolidated waste contract, as the city does not have one at this time. Ankeny voted not to proceed with a consolidated waste contract.

Irlbeck reported over the next couple of weeks, staff will be updating city managers regarding the timeline and what to expect. In December, MWA staff will present to the board.

Dean O'Connor, Altoona, asked what model does Polk County have for collection? Irlbeck reported residents receive Curb It! and contract their own garbage hauler. Tom Hockensmith, Polk County, reported most neighborhoods have the same garbage hauler, reducing the different haulers coming in and out on different days.

Bret Hodne, West Des Moines, expressed his gratitude to MWA staff for their work on consolidated waste contracts over the last 20 years. By having MWA work with the haulers, on behalf of the city, is beneficial for an agency like ours, and one less item for him to worry about.

Ed Kuhl, Norwalk, reported it should help provide the best economy.

McCoy reported on Metro Recycling Facility (MRF) updates. McCoy stated it has been tough at first finding sorters. However, Emily Dobbins, human resource manager, has done a fantastic job. At times, administrative staff from CO and other facilities, within MWA, were on the sorting line helping. Tonight, we are half full-time sorting staff and half temp staff.

McCoy reported Graham, ISG, and Christensen Development were in attendance tonight and expressed how it was definitely the right call by the board to hire Graham and Jake Christensen, Christensen Development. There is no way the MRF would be open and operational by the November 1, 2021 deadline if it was not for Graham Construction. There is still work left to be completed, however, we hope it is small enough others do not see.

McCoy reported a meeting this morning was held at CO with MWA, Graham, and Graphic/Rochon. It was a very direct conversation for two hours. At this time, MWA is withholding payment until Graphite/Rochon can show they are paying their laborers, unless guided differently by the Board. McCoy offered to write joint checks to pay direct to the laborers. This could become a legal matter at the end, but it is in their court right now.

Discussion between board members regarding the need to change the law on how government agencies award bids to the lowest, responsible, and responsive bidder as this does not always work out to be the best.

McCoy reported chair and vice chair nominations for 2022 are being taken now, and we have received one nomination for both chair and vice chair. MWA is still taking nominations up to the day of board meeting in January (January 15, 2022). Chair and vice chair terms are normally two consecutive – one-year terms voted on during the January board meetings. McCoy reported Ron Pogge will return in 2022 as Urbandale's alternate board member, and can serve as chair, if the board votes per the by-laws.

McCoy reported the audit committee, Dean O'Conner, Altoona; Mark Holm, Ankeny; David Gisch, Grimes; Ron Pogge, Urbandale; and Susan Skeries, Windsor Heights; will meet before the December 1, 2021, executive finance committee meeting.

McCoy reported discussion with the Union for a light utility position at MPE, probably looking at two for next year. Need to send a MOU to the Union for review and signature, then will come before the board for final approval.

McCoy expressed his gratitude and shared there are way too many people to thank for today's events and leading up to today in the community, as well as staff, board members, and Waste Commission of Scott County, who are here tonight. Kathy Morris, with Scott County, stated what an awesome facility we have built, McCoy responded that she and her staff should be proud as they have spent countless hours with MWA, and we will always be thanking Scott County.

McCoy reported as board members leave tonight, staff will be handing out a commemorative tile with the saying "It always seems impossible until it's done".

The December executive finance meeting will be held at Central Office (300 E. Locust Street, Ste. 100, Des Moines, Iowa) on Wednesday, December 1, 2021, at 12:00 pm.

The December board meeting will be held at Central Office (300 E. Locust Street, Ste. 100, Des Moines, Iowa) on Wednesday, December 15, 2021, at 5:45 pm.

13. Chair's Report

Ron Pogge, chair, shared everyone has a meal to take home.

Pogge shared thanks to Kathy with Scott County.

Pogge thanked staff, sharing he does not recall how many he had been in touch with in the last months; however, he would call, and staff would be out of the office and on the sorting line. He stated that says a lot about the agency with the staff willing to step up and do these things.

14. General Board Discussion and Other Business

David Gisch, vice chair, shared he is glad we are in Grimes, and hats off to McCoy and staff for working with the City of Grimes and vice versa . He shared he has heard good things from the City of Grimes.

McCoy reported it has been good on both sides. Even in pinches, the city would meet to discuss and talk through matters. McCoy reported the lipstick and windows on the back of the facility was the right decision by the city because as you drive by, it is something to be proud of for the board/city. The staff also love having the windows to look outside.

15. Adjournment

Moved by Clive, seconded by West Des Moines, to adjourn the November 17, 2021, board meeting. Motion carried unanimously by voice vote. Meeting adjourned at 6:20 pm.

Michael McCoy, Executive Director

Ron Pogge, Chair

**METRO WASTE AUTHORITY
BILLS PAID IN NOVEMBER 2021**

Vendor Name	Services Provided	Amount
A KING'S THRONE, LLC	MRF	135.00
ABC WIRE SALES CO.	Small tools/supplies	987.50
ABM PARKING	Parking	6,120.00
ACCESS SYSTEMS	Office printing	1,215.84
ADVENTURE LIGHTING	Electrical supplies	1,410.00
AFFORDABLE QUALITY TIRE & SERVICE	Tire/track repairs	46.73
AFLAC	Insurance premium	409.44
AIR FILTER SALES	Building services	200.45
ALLENDER BUTZKE ENGINEERS, INC.	Engineering fees	1,893.05
ALPHA LANDSCAPES, LLC	MRF	97,180.25
ALTOONA AREA CHAMBER OF COMMERCE	Dues/subscriptions	470.00
AMERICAN MARKING, INC.	Office supplies	32.90
AMERICAN SECURITY	Security	460.72
ANDREW JAMES	Tool allowance	100.00
ANKENY AUTO ELECTRIC	Parts/labor	315.00
ANKENY CHAMBER OF COMMERCE	Public promotion/information	390.00
ANKENY SANITATION	Waste/drop off/contract expens	99,785.07
APRIL WILSON	Refund	30.00
ARAMARK UNIFORM SERVICES, INC.	Rags/mats/supplies	2,558.80
ASHLEY SCHAUM	Mileage/expenses	54.86
ASI	Computer supplies/maint/fees	1,548.50
ASPEN WASTE SYSTEMS, INC.	Curbside/drop off/waste coll	3,614.63
A-TEC RECYCLING, INC.	Contract disposal	4,347.92
ATHLETICO PHYSICAL THERAPY	Background checks	1,350.00
ATLANTIC BOTTLING COMPANY	Office supplies	68.50
AUREON COMMUNICATIONS	Telephone expense	8,479.15
AVIDXCHANGE INC	STOP PAY FEE	20.00
BOMA CENTRAL IOWA	Dues/subscriptions/fee	650.00
BOMGAARS	Parts/small tools/supplies	56.45
BONDURANT, CITY OF	Utilities	187.89
BOOT BARN	Health/safety	2,555.35
BRICK GENTRY P.C.	Legal fees	228.00
CAITLIN TIPPING	Americorp	45.00
CAMP TOWNSHIP FIRE DEPT. - HOST FEES	Host fees	7,036.55
CAPITAL CITY EQUIPMENT CO.	Equipment/parts/labor	77.66
CAROLINA SOFTWARE	Computer supplies/maintenance	5,352.77
CENTRAL STATES WIRE PRODUCTS, INC	MRF	49,047.28
CENTRAL UNITED LIFE INSURANCE	Life Insurance	152.22
CENTURY LINK	Telephone expense	478.20
CHAMPLIN TIRE RECYCLING, INC	Tire processing	3,359.95
CHARLES GABUS FORD	Parts/labor/preventive maint	1,445.87
CHRIS VANCE	Bldg repairs/site maintenance	400.00
CITY GARDENS, INC	Site maintenance	5,650.00
CITY OF DES MOINES	Lease/leachate processing	49.55
CITY OF URBANDALE	MWA grant program	39,291.79
CL SMITH COMPANY	Contract disposal	9,968.60
CLEAN DES MOINES, INC.	Janitorial services	2,208.00
CLEAN HARBORS ENV. SERVICE INC	Contract disposal	20,184.69
COMMONWEALTH ELECTRIC COMPANY	Site maintenance	14,554.73
CONSTRUCTION & AGGREGATE PRODUCTS	Leachate maintenance/collectio	4,041.45
COPY SYSTEMS INC	Office machine repairs	24.32
CPI TECHNOLOGIES, LLC	Phone system	300.00
CRYSTAL CLEAR	Office supplies	251.13
CUTLER, SUSAN	Mileage/expenses	16.80
DAN'S OVERHEAD DOORS 4	Building repairs	626.46
DATASHIELD CORP	Recycling expense	40.46
DEERY BROTHERS CHEVROLET INC	Parts/labor	288.88
DES MOINES MOBILE WASH, INC	Preventive maintenance	3,715.20
DES MOINES REGISTER, THE	Advertising	553.17
DES MOINES WATER WORKS	Utilities	2,197.24
DES MOINES, CITY OF	Lease/leachate processing	64,903.05
DEWEY FORD, INC.	Vehicles/maintenance	75.58
DIAM PEST CONTROL	Pest control	668.99
DIAMOND OIL COMPANY	MRF	19,036.85
DMF GARDENS INC	Telephone	472.00
ECOSOURCE LLC	Well maintenance	1,700.00
ELECTRICAL ENG. & EQUIP. CO.	Parts/labor	400.00
ELECTRONIC ENGINEERING CO.	Parts	12,002.89
ETC GRAPHICS, INC.	Signage	1,185.00
EXCEL MECHANICAL CO., INC.	MRF	45,361.55
EXPRESS LAUNDRY	Floor mats	125.00
EXPRESS TARP SERVICE	Litter control	1,915.00
FAIRBANKS SCALES	Site maintenance	1,144.80
FASTENAL COMPANY	Health/safety	366.34
FERRELLGAS	Utilities/equipment fuel	3,758.89
FIRST CHOICE SERVICES / US COFFEE	Office supplies	156.95

FLYNN WRIGHT	Public information/promotion	42.50
FOREST GREASE & COMMERCIAL LLC	Building services	808.75
FREIGHTLINER OF DES MOINES, INC	Parts	10,442.72
GRAHAM CONSTRUCTION CO.	MRF	72,557.40
GRAINGER	Parts/small tools/supplies	933.56
GRIMES, CITY OF	Utilities	1,996.14
GRP & ASSOCIATES	Contract disposal	2,089.00
HANIFEN CO. INC.	Parts/labor	1,560.00
HARRISON COUNTY LANDFILL COMMISSION	Health & safety	277.50
HAWKEYE FIRE & SAFETY CO	Equipment repairs	14,129.75
HD ON THE GO	Employee rewards programs	1,850.00
HDR ENGINEERING, INC.	Engineering services	78,383.93
HEALTHCARE MARKETING MAKEOVERS, LLC	Public information/promotion	700.00
HEAVY HIGHWAY FRINGE BENEFIT ADMINISTRATION CO.	Medical insurance	815.00
HIRE QUALITY SOLUTIONS	Temporary labor	1,507.50
HIRE QUEST, LLC	Staffing	7,689.95
HOTSY CLEANING SYSTEMS	Parts/labor	2,500.53
HOUSBY HEAVY EQUIPMENT	Parts/labor/preventive maint	24,220.25
HOUSBY MACK, INC.	Parts/labor/preventive maint	18,025.33
HR DIRECT/POSTER GUARD	Office supplies	89.00
HY-VEE INC.	Supplies/meetings	391.26
IMWCA	WC insurance	18,447.00
IN THE BAG	Meetings	94.00
INLAND TRUCK PARTS CO.	Parts/labor/preventive maint	11,450.27
IOWA COMMUNITIES ASSURANCE POOL ADMINISTRATOR	Prepaid insurance	5,000.00
IOWA DEPARTMENT OF NATURAL RESOURCES	DNR Quarterly Tonnage Fees	20,441.55
IOWA DES MOINES SUPPLY, INC.	Office supplies	219.02
IOWA DNR	SWAP Grant 21-G550-08	1,388.89
IOWA FIRE EQUIPMENT COMPANY	Fire alarm/inspection	1,600.00
IOWA LABORERS' DISTRICT COUNCIL HEALTH & WELFARE	Medical insurance	31,459.14
IOWA METHODIST OCCUP. MEDICINE	DOT px/workers' comp	400.00
IOWA PUMP WORKS	Leachate collection	4,062.37
IOWA SOUND LLC	MRF	1,000.00
IPERS	Employer's share of IPERS	45,501.73
J PETTIECORD	Equipment rent	372.50
J. A. KING & CO	Site maintenance/parts	67,293.82
JACQUELINE WILL	Mileage/expenses	146.16
JETCO, INC	Leachate maintenance/collectio	2,369.25
JOHNSON CONTROLS FIRE PROTECTION	Building services	1,309.40
JOHNSON CONTROLS SECURITY SOLUTIONS LLC	Alarm/detection monitoring	256.87
KABEL BUSINESS SERVICES	Employee benefit expense	6,245.41
KABEL BUSINESS SERVICES	Service fees	73.20
KAL SERVICES, INC.	Yard waste collection	1,400.70
KEY COOPERATIVE	Equipment fuel	341.21
KNAPP PROPERTIES	Site maintenance	1,485.00
KNAPP PROPERTIES	Management fee	1,741.00
KOCH BROTHERS	Office supplies	2,441.21
LANDUS COOPERATIVE	Site maintenance	899.99
LUBE-TECH & PARTNERS, LLC	Equipment fuel	6,134.86
MAJESTIC TRUCK SERVICES	Parts/labor/preventive maint	923.22
MARTIN MARIETTA MATERIALS	Site maintenance	9,358.58
MATCO TOOLS	Shop tools/supplies	43.82
MCMASTER-CARR SUPPLY CO.	Leachate maintenance/collectio	966.46
MEGAN LAFFOON	Americorp	45.00
MENARDS-ALTOONA	Supplies	210.09
MENARDS-CLIVE	Supplies	723.24
MHC KENWORTH - DES MOINES	Parts/labor/preventive maint	7,341.73
MIDAMERICAN ENERGY	Utilities	19,609.65
MIDLAND POWER COOPERATIVE	Utilities	1,061.25
MIDWEST AUTO. FIRE SPRINKLER CO.	Building repairs	951.14
MIDWEST FIRE EXTINGUISHER	Health/safety	92.28
MIDWEST WHEEL COMPANIES	Parts	1,033.19
MMC CONTRACTORS IOWA, INC.	Bldg repairs/site maintenance	8,500.47
MURPHY TRACTOR & EQUIPMENT CO.	Preventive maintenance	534,758.22
MYRON CORP	Employee rewards programs	73.53
NATIONWIDE OFFICE CLEANERS LLC	Janitorial services	1,327.49
NCMC FINANCE CORP	Parking	25.00
NEBRASKA FURNITURE MART, INC	MRF	5,822.00
NEESE INC.	Leachate processing	18,595.77
NEWPORT GROUP INC	Consulting fees	1,800.00
NIELSEN, SUSAN	Mileage/expenses	31.36
NTT CLOUD COMMUNICATIONS US INC	Telephone expense	9.80
ODORGON	Parts	593.00
O'HALLORAN INTERNATIONAL, INC.	Parts/labor/prev maint	3,706.60
ONE SOURCE	Background checks	482.40
O'REILLY AUTO PARTS	Parts/small tools/supplies	2,185.28
OVERHEAD DOOR COMPANY	Building maintenance	1,995.00
PAYLOCITY	Processing fee	1,551.75
PDM	MRF	144,202.40
PER MAR	Security	115.50
PETERBILT OF DES MOINES	Parts/labor/preventive maint	4,871.60
PETERSON CONTRACTORS, INC.	Contracted fly ash hauler	39,511.00

POMP'S TIRE SERVICE, INC.	Tire/track repairs	34,017.17
PRAIRIE AG SUPPLY, INC.	Site maintenance	341.53
PRAXAIR DISTRIBUTION INC.	Welding supplies	208.07
PROSPERITY JANITORIAL	Janitorial services	3,488.68
PURCELL PRINTING	Printing	177.58
QUICK OIL CO.	Equipment fuel	180,523.29
RAIN AND HAIL LLC	Farm expense	2,334.00
RDO INTEGRATED CONTROLS	Parts/labor	72.16
RED WING SHOE STORE	Health/safety	22.44
REHRIG PACIFIC COMPANY	Curbside cart expense/repair	41,327.04
RELIANCE STANDARD LIFE	Insurance premium	3,439.95
REPUBLIC SERVICES INC	Leachate processing	1,282.19
RSM US LLP	Consulting/prof service/dues	81,441.16
RSM US PRODUCT SALES LLC	Computer supplies/maint/fees	7,238.84
RUETER'S	Parts/preventive maintenance	2,846.80
SCHILDBERG CONSTRUCTION CO INC	Parts/labor/preventive maint	1,216.14
SCHIMBERG CO	Parts	41.35
SCOTT'S AUTO GLASS LLC	Parts/labor	800.00
SCS FIELD SERVICES	Engineering services	5,816.68
SINK PAPER & PACKAGING	Yard bag storage/distribution	3,616.98
SIOUX CITY TARP, INC	Parts	24.60
SLOAN VAZQUEZ, INC.	MRF	12,500.00
SMART CLEAN LLC	Janitorial services	1,550.00
SMITH'S SEWER SERVICE INC.	Site maintenance	541.60
SNAP-ON TOOLS	Shop tools/supplies	745.31
SOCIAL SECURITY ADMINISTRATION	Employer's share of FICA	36,942.41
SOIL CONTROL LAB	Environmental monitoring	349.00
SOUTHEAST POLK COMM SCHOOL-HOST	Host fees	14,073.10
SPINUTECH	Website/social media	570.00
SPLIT ROCK STUDIOS	MRF	85,983.00
STEW HANSEN'S DODGE CITY, INC	Vehicle/maintenance	121.50
STOREY-KENWORTHY CO.	Office supplies	10,415.02
STRAUB MARKETING	Employee Recognition	288.90
STRAUSS SECURITY SOLUTIONS	Security	314.95
SUMMIT COMPANIES	Fire extinguisher	247.50
T & T SPRINKLER SERVICE	Site maintenance	250.00
TESTAMERICA LABORATORIES, INC	Environmental monitoring	2,902.35
THE HOME DEPOT PRO	Office supplies	258.44
THE UNIVERSITY OF IOWA	EPA Grant	1,923.33
THORPE WATER DEVELOPMENT	Site maintenance	1,720.00
TIFCO INDUSTRIES	Parts/small tools/supplies	1,968.58
TITAN MACHINERY	Parts	21,435.78
TOMPKINS INDUSTRIES, INC.	Parts	365.51
TRANE US	Building services	378.00
TREASURER STATE OF IOWA	Sales tax	10,513.64
TRI AIR TESTING, INC	Environmental monitoring	188.83
TRUENORTH COMPANIES	Dues/subsription/fee	5,000.00
UPKEEP TECHNOLOGIES, INC.	MRF	1,620.00
US POSTAL SERVICE	Post Office Box	308.00
VALLEY ENVIRONMENTAL SERVICES	Contract disposal	60.00
VAN WALL EQUIPMENT	Parts/labor/preventive maint	3,168.58
VANTAGEPOINT TRANSFER AGENTS	Employer's share deferred compensation	8,675.51
VERIZON WIRELESS	Computer supplies/maintenance	381.88
VERMEER SALES & SERVICE INC.	Parts	11,140.92
VIKING AUTOMATIC SPRINKLER COMPANY	Health/safety	1,086.00
WASTE CONNECTIONS OF IOWA	Contract management revenue	13,170.42
WASTE CONNECTIONS, INC.	Waste collection/tire processi	137,637.85
WASTE MANAGEMENT	Waste/yard collection	202.17
WASTE MANAGEMENT (YARD WASTE)	Yard waste collection	27,857.83
WASTE MANAGEMENT OF IOWA	Curbside/drop off/waste coll	381,730.33
WASTE MANAGEMENT OF IOWA, INC.	Contract management revenue	5,248.24
WASTE SOLUTIONS OF IOWA	Building services	1,520.00
WAYNE DALTON OF CENTRAL IOWA	Building repairs	3,986.50
WENDY SHERIFF	EMPLOYEE REIMB	47.04
WEST BANK	Credit card payment for misc office and travel expenses	21,788.70
WEST BANK	Service fees	97.70
WRIGHT OUTDOOR	Building services	356.00
WRIGHT OUTDOOR SOLUTIONS	Building services	237.00
XENIA RURAL WATER DISTRICT	Utilities	140.18
ZIEGLER, INC.	Part/labor/prev maint/subscrip	565,095.16
Grand Total		3,613,569.17

The MWA Executive Director and the Deputy Director certify that the above MWA bills paid are properly due and have been made in accordance with the operating and expenditure processes established by MWA.


Michael McCoy, Executive Director


Lexie Irbeck, Deputy Director

Metro Waste Authority Board
Monthly Board Meeting
December 15, 2021
Consent Agenda Item 08

ITEM:

Approval to Purchase Three Passenger Trucks for Metro Park East Landfill

SUMMARY:

Three replacement pickup trucks were budgeted for FY21/22. The budgeted amount for each truck is \$40,575. Metro Waste Authority utilizes the State of Iowa contract for vehicle procurement. Delivery time on these vehicles is approximately 24 to 28 weeks. The opportunity to order and options available were limited this year, due to the supply chain. However, staff reviewed the vehicles available for purchase and recommends the following:

• Ford F150 Crew Cab 4x4	\$32,998.00
• Ford Ranger Crew Cab 4x4	\$28,965.80
• Chevy 2500 Silverado Crew Cab 4x4	\$32,227.20

These vehicles represent the best options still available through the state contract.

DISCUSSION POINTS:

Metro Waste Authority needs to replace vehicles in the fleet. Options to replace these vehicles are becoming limited and the prices are increasing.

STAFF RECOMMENDATION:

Staff recommends approval to purchase the three pickup trucks. Upon approval of the purchase, staff will issue a purchase order and confirm delivery of the vehicles.

BUDGET REQUIREMENTS:

The three pickups are budgeted and the prices in the state contract are under budget.

ATTACHMENTS:

- Ford F150 Quote
- Ford Ranger Quote
- Chevy 2500 Quote

CONTACT:

Jon Penheiter, solid waste administrator, 515.333.4446

STIVERS FORD LINCOLN

1450 East Hickman Rd

Waukee, Ia. 50263

2022 State of Iowa DOT F030424 pickup

2022 Ford F150 4x4 with speed control, tilt wheel, Air conditioning
Automatic transmission, 3.73 locking rear axle, 5 all terrain 17" tires
cloth 40/20/40 seat, power windows/locks, reverse sensing
power heated mirrors, remote keyless entry, 2 speed shift on the fly transfer case
blue tooth hands free system, privacy glass w/ defroster, auto lamps, lane keeping system,
AMFM MP3 player. 8" center screen

STATE CONTRACT PRICE

Contract- October 2021

F150 Reg cab 4x4 8' box	\$ 30,381
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F 150 extended cab 6.5' box	\$ 30,367
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F150 Crew cab 4x4 5.5' box	\$ 32,998
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Functional options

Upgrade to 5.0 V8	\$ 1,995
Upgrade to 3.5L Ecoboost	\$ 2,595
Dash mounted 110 V outlet	\$ 175
Extended range fuel tank (33 gal)	\$ 445
40/20/40 Vinyl seat	\$ -
Molded mud flaps	\$ 275
Add carpeting	\$ 145
Skid plates	\$ 160
Factory platform running boards	\$250
Laverne black grip step running boards	\$695
Delete daytime running lights	\$ (15)
Street appearance package (alum wheels, chrome bumpers & fog lamps)	\$ 775
Receiver hitch only	\$ 225
Trailer tow package with brake controller and hitch	\$ 1,090
Fog lights	\$ 245
Chrome bumpers	\$ 250
Delete rear locking axle	\$ (350)

Safety Equipment

LED Warning Strobes – Amber; includes center high-mounted stop light bar and two (2) roof beacons that provide 360 degree visibility	\$ 650
LED Warning Strobes –RED/BLUE by sound off includes center high-mounted stop light bar and two (2) roof beacons that provide 360 degree visibility	\$ 650
Tailgate step	\$ 430
Back up alarm	\$ 140
After market remote start	\$ 400
2 extra keys with remote	\$ 350
400 watt 110 volt outlet (requires reverse sensing)	\$ 290
Pro power on board 2 KW station	\$ 995
Reflex HD spray in bedliner	\$ 595
Undercoat sound shield	\$ 250
Bed mat	\$ 150
Soft roll up tonneau cover	\$ 525
Factory aluminum crossbed toolbox	\$ 600

Delivery available for \$3.50 per mile one way

Total price FOB Waukeee



Prepared by: Harry Bougher

11/19/2021

Dewey Ford | 3055 SE Delaware Ankeny Iowa | 500219830

2022 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 215

Pricing Summary - Single Vehicle

MSRP

Vehicle Pricing

Base Vehicle Price	\$31,540.00
Options	\$1,555.00
Colors	\$0.00
Upfitting	\$0.00
Fleet Discount	\$0.00
Destination Charge	\$1,295.00
Subtotal	\$34,390.00

Discount Adjustments

Discount Adjustments	-\$5,424.20
Total	\$28,965.80

 Customer Signature

 Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Karl Chevrolet

Dennis Rudolph - Government Fleet Accounts | 515-299-4409 | d.rudolph@karlchevrolet.com

Vehicle: [Fleet] 2022 Chevrolet Silverado 2500HD (CK20743) 4WD Crew Cab 159" Work Truck (✓
Complete)

Quote Worksheet

	MSRP
Base Price	\$42,300.00
Dest Charge	\$1,695.00
Total Options	\$2,755.00
Subtotal	\$46,750.00
Govt and Karl Discount	(\$10,989.00)
Subtotal Pre-Tax Adjustments	(\$10,989.00)
Less Customer Discount	(\$3,533.80)
Subtotal Discount	(\$3,533.80)
Trade-In	\$0.00
Excluded from Sales Tax	Subtotal Trade-In
	\$0.00
	Taxable Price
	\$32,227.20
Sales Tax	\$0.00
Subtotal Taxes	\$0.00
Subtotal Post-Tax Adjustments	\$0.00
Total Sales Price	\$32,227.20

Comments:

Government Agencies are allowed 20 days from date of delivery for balance to be paid in full. There will be a \$5.00 per calendar day after 20 days assessed to the account until payment received in full by Karl Chevrolet. By signing below you accept these terms as well as the quote in general.

Dealer Signature / Date

Customer Signature / Date

At the user's request, prices for this vehicle have been formulated on the basis of Initial Pricing for the vehicle, however GM cannot guarantee that Initial Pricing is available. This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.
Data Version: 15027. Data Updated: Oct 27, 2021 2:05:00 AM PDT.

Metro Waste Authority Board
Monthly Board Meeting
December 15, 2021
Consent Agenda Item 09

ITEM:

Approval to purchase Box Truck for Metro Northwest Transfer Station

SUMMARY:

Two state bids were received for the purchase of a box truck for Metro Northwest Transfer Station (MNTS), out of the four bids requested. Two of the vendors responded they would not be able to supply a vehicle in the time requested, due to supply demands. The primary use of the box truck is to transport household hazardous material from MNTS, in Grimes, to the Metro Hazardous Waste Drop-off (MHWD), in Bondurant. The truck will also be used to deliver and pick up garbage carts and collect recyclables from businesses for the Material Recovery Facility (MRF).

- O'Halloran International 2022 MV607 SBA, including van body - \$92,462.43
- Truck Center Companies 2023 M2106, including van body - \$92,601.00

O'Halloran is the recommended vendor with government pricing in the amount of \$92,462.43. The International model is currently used at both MHWD and MNTS and has proven to be high quality and function well for the operation.

STAFF RECOMMENDATION:

Approval of the purchase of O'Halloran International 2022 MV607 box truck for a total of \$92,462.43.

BUDGET REQUIREMENTS:

The box truck is a budgeted item and the bid of \$92,462.43 is under the budgeted amount of \$110,000.00.

ATTACHMENTS:

- O'Halloran International Proposal
- Truck Center Companies Proposal

CONTACTS:

Kyle Fischer, MHWD facility manager, 515.333.4431

Prepared For:

Metro Waste Authority Metro Park East Landfill
Operations Manager
12181 NE University Ave.
Mitchellville, IA 50169-9571
(515)999 - 9999
Reference ID: N/A

Presented By:

O'HALLORAN INTERNATIONAL
Shane Broderick
3311 ADVENTURELAND DRIVE
ALTOONA IA 50009 -
(515)967-3300

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2022 MV607 SBA (MV607)

AXLE CONFIG:	4X2
APPLICATION:	Dry Van
MISSION:	Requested GVWR: 33000. Calc. GVWR: 33000. Calc. GCWR: 33000
DIMENSION:	Wheelbase: 219.00, CA: 151.90, Axle to Frame: 75.00
ENGINE, DIESEL:	{Cummins B6.7 240} EPA 2021, 240HP @ 2400 RPM, 560 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 240 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 2500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE:	{Meritor MS-21-13X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends Gear Ratio: 5.57
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 295/75R22.5 Load Range G HSR 3 (CONTINENTAL), 514 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 295/75R22.5 Load Range G HDL2 (CONTINENTAL), 511 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, AIR, SINGLE:	{International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails
PAINT:	Cab schematic 100WP Location 1: 9219, Winter White (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
MV60700	Base Chassis, Model MV607 SBA with 219.00 Wheelbase, 151.90 CA, and 75.00 Axle to Frame.

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
	<u>Notes</u> : Pricing may change if axle configuration is changed.

ENGINE

12ERG	ENGINE, DIESEL {Cummins B6.7 240} EPA 2021, 240HP @ 2400 RPM, 560 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 240 Peak HP (Max)
12XCS	CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty
12WZE	CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations
12VJB	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2022
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On
	<u>Includes</u> : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12WSY	BLOCK HEATER, ENGINE {Phillips} 120V/750W, for Cummins ISB/B6.7 Engines
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

TRANSMISSION

13ATH	TRANSMISSION, AUTOMATIC {Allison 2500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13XAL	PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission
13WYY	SHIFT CONTROL PARAMETERS {Allison} 1000 or 2000 Series Transmissions, Performance Programming
13WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints
13WVS	TRANSMISSION SHIFT CONTROL T-Handle

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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REAR AXLES, SUSPENSIONS

<u>Code</u>	<u>Description</u>
14APV	AXLE, REAR, SINGLE {Meritor MS-21-13X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends . Gear Ratio: 5.57
14TDV	SUSPENSION, REAR, AIR, SINGLE {International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails
14WMN	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 1 thru 29.99 Pints
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab

FRONT AXLES

2ASC	AXLE, FRONT NON-DRIVING {Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
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FRONT SUSPENSIONS

3ADC	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free

CABS, COWLS, BODIES

16030	CAB Conventional, Day Cab
	<u>Includes</u> : CLEARANCE/MARKER LIGHTS (5) Flush Mounted
16ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
	<u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
16VLM	CAB REAR SUSPENSION Rubber Suspension, for Low Cab Height
16GED	GAUGE CLUSTER Base Level; English with English Electronic Speedometer
	<u>Includes</u> : GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure or Auxiliary Air Pressure (if Air Equipped) : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure, Primary and Secondary (if Air Equipped)
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
16XJN	INSTRUMENT PANEL Flat Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

<u>Code</u>	<u>Description</u>
16SNM	MIRRORS (2) C-Loop, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust
16SMH	SEAT, TWO-MAN PASSENGER {National} Fixed Back, Integrated Headrest in Both Occupant Positions, Vinyl, with Under Seat Storage Compartment
16XCK	WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

FRAMES

1CAE	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 460.0" (11684mm) Maximum OAL
1LNG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black
1570	TOW HOOK, FRONT (2) Frame Mounted
1WEJ	WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)

BRAKES

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4AZJ	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control
4XDP	BRAKES, FRONT {Meritor 16.5X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqln
4LAG	SLACK ADJUSTERS, FRONT {Gunitite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqln Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunitite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4EDN	AIR DRYER {Bendix AD-9SI} with Heater, Includes Safety Valve
4VLE	AIR DRYER LOCATION Mounted Inside Engine Compartment, Right Side
4VKH	AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Under Cab

STEERING

<u>Code</u>	<u>Description</u>
5PSA	STEERING GEAR {Sheppard M100} Power
5708	STEERING COLUMN Tilting
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black

DRIVELINES

6DGG	DRIVELINE SYSTEM {Dana Spicer} 1710, for 4x2/6x2
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EXHAUST SYSTEMS

7BME	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail Back of Cab, Includes Single Short Horizontal Tail Pipe
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ELECTRICAL SYSTEMS

8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment Includes : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense
8RPP	ANTENNA Shark Fin, Roof Mounted
8VUX	BATTERY BOX Steel, with Plastic Cover, 25" Wide, 2-3 Battery Capacity, Mounted Right Side Under Cab
8MJT	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1900CCA Total, Top Threaded Stud
8HAB	BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8518	CIGAR LIGHTER Includes Ash Cup
8XNY	HEADLIGHTS Halogen
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
8VBE	HORN, ELECTRIC (1) Trumpet Style
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8RPT	RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input
8RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

<u>Code</u>	<u>Description</u>
8XKL	STARTING MOTOR {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

FRONT END

9WBW	FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
9WBN	FENDER EXTENSIONS Painted
9HCY	GRILLE Molded in Black, with Chrome Surround
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges

SPEEDOMETER, TOOLS, MISC

10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WP"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

FUEL TANKS

15SGJ	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab
15WDG	DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab
15LMN	FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor
15LRE	LOCATION FUEL/WATER SEPARATOR Mounted Under Hood, Left Side, Above Front Axle

WHEELS, TIRES - FRONT

27DTJ	WHEELS, FRONT {Maxion 90541} DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7702495439	(2) TIRE, FRONT 295/75R22.5 Load Range G HSR 3 (CONTINENTAL), 514 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DTJ	WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7702495432	(4) TIRE, REAR 295/75R22.5 Load Range G HDL2 (CONTINENTAL), 511 rev/mile, 75 MPH, Drive

WHEELS MISC OPTIONS

29PAR	PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint
29PAS	PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint

Services Section:

<u>Code</u>	<u>Description</u>
WARRANTY	
40129	WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A

Description

(US DOLLAR)

Price

Net Sales Price:

\$66,556.43

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date_____
Firm or Business Name_____
Authorized Signature_____
Authorized Signature and Date

This proposal is not binding upon the seller without
Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.



CENTRAL TRAILER SERVICE LTD.



DN-0666482-2

Quoted By: Val Lind

Created: 9/21/2021

Revised: 9/21/2021

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316 Adventureland DR NE ALTOONA•IA•50009•Phone: 515-957-0300 Fax: 515-957-0301•

Configuration: Copy of Metro Hazardous Waste
Reference:

Sales Representative:

Customer

O'Halloran's International

Contactsp.
f.Ship ToCENTRAL TRAILER SERVICE
316 ADVENTURELAND DRIVE NE

ALTOONA, IA 50009

Customer Number:
Terms:Ship to:
p.Shipping Method: **Delivery/Driveaway**Model

GVSD09720102

Description**MORGAN DRY FREIGHT VAN BODY 20FT NOMINAL**Plant

WI - Janesville

Body Dimensional Information

Inside Height:	96.88
Inside Length:	238.63
Inside Width:	98.13
Rear Door Opening (W x H):	94W X 91H

Chassis Information

Make:	INTERNATIONAL
Model:	4300 Durastar (2017 or Newer Model)
Expected Date:	
Color:	WHITE
Rear Axle:	Single (1)
Air Horns on Cab Roof.:	No

Year:	2022
WB:	217
FW:	34
FOB:	147
Vert. Exh.:	No

Note: Body dimensional information above for reference only. These dimensions may change based on any special pricing items included in this quotation.

OPTION	DESCRIPTION	QTY	Weight**
MBB Assembly	DRY FREIGHT VAN BODY 20FT NOMINAL	1	0.001
Note Previous Reference	REFERENCE WI68310	1	0.001
CHASSISINFO		1	TBD
	NOTE! THE CHASSIS WHEELBASE/TRUCK BODY/COMPONENT OPTION(S) COMBINATION SELECTED DOES NOT MEET MORGAN'S STANDARD GUIDELINES.	1	TBD
Subframe {GVSD}	3" I-BEAM CROSSMEMBERS 12" CENTERS 6" CHANNEL LONGRAIL	1	856.55
SUBFRAME	MYLAR TAPE IS APPLIED BETWEEN ALL STEEL SUBFRAME COMPONENTS AND EXTRUDED ALUMINUM LOWER BOTTOM RAILS TO PREVENT CORROSION	1	0.21
	EXTRA CROSSMEMBERS	4	88.32
	LOCATE (4) EXTRA CROSSMEMBERS AT REAR ON 6 IN. CENTERS	1	0.001
MOUNTING	FULL MOUNT-U BOLT	1	99.29
	MUDFLAPS-MORGAN 24" X 36" BLACK	1	17.62
FLOOR	1 3/8 IN. LAMINATED HARDWOOD FASTENED TO SUBFRAME. FLOOR BOARDS ARE SHIP LAPPED AND PRE-UNDERCOATED FOR PROTECTION FROM ELEMENTS. 1 3/8 IN. FLOOR PROVIDES ADDITIONAL STRENGTH FOR HEAVY LOAD APPLICATIONS.	1	892.28



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MOUNTING	UNDERCOATING WATER BASED UNDERCOATING APPLIED TO ROADSIDE AND CURBSIDE EXTERIOR 20 AND INTERIOR OF LONG RAILS AND WHEEL PANS, AS APPLICABLE, EXCLUDING ALL OTHER FLOOR AND SUBFRAME EXTERIOR COMPONENTS	8.2
THRESHOLD	STEEL DIAMOND FLUSH TO REAR 1/8"X 24" ROUTED EDGE INTO FLOOR	1 99.49
REAR DOOR	WHITING OVERHEAD-ALUMINUM COVERED WHITE	1 286.27
	SPACER KIT FOR REAR DOOR INSTALLATION	1 1.69
	VINYL SEAL KIT WITH MONOBOLTED OVERHEAD DOOR	1 3.93
REAR FRAME	HEADER SUB-COMPONENT GALVANNEALED WITH STANDARD LIGHTS	1 60.2
	ENDPLATE SUB-COMPONENT FOR DRY FREIGHT FOR OVERHEAD DOOR FOR 4.38" V-GROOVE	1 83.22
	ENDPLATE FOR QUICK MOUNT LIFTGATE	
	GALVANNEALED HEADER POST GUSSET	1 2.78
	ENDPLATE REINFORCEMENT GALV	1 5.79
	POST REINFORCEMENT FOR SINGLE LAMP POSTS	1 8.78
SKINS-SIDES	.040 ALUMINUM PREPAINTED WHITE	1 167.86
	RIVETS FOR FRONT AND SIDEWALLS-20 BODY	1 3.81
SIDE WALL	EXTRUDED ALUMINUM TOP AND BOTTOM RAILS WITH 1 3/8 IN. DEEP GALVANIZED STEEL Z-SHAPED	1 146.28
	VERTICAL POSTS INSTALLED ON 16 IN. CENTERS CURBSIDE.	
	EXTRUDED ALUMINUM TOP AND BOTTOM RAILS WITH 1 3/8 IN. DEEP GALVANIZED STEEL Z-SHAPED	1 146.28
	VERTICAL POSTS INSTALLED ON 16 IN. CENTERS ROADSIDE.	
LINER-SIDE	LINER-SIDES 3/8" PLYWOOD FULL	2 496.44
INTERIOR TIES	SERIES E TRACK SURFACE MOUNTED	2 73.98
E-Track Sides Row 1 Loc Note	LOCATE SURFACE MOUNTED ROW AT 27 IN. FROM TOP OF FLOOR TO CENTER OF TRACK	1 0.001
FRONT END	AERODYNAMIC ALUMINUM RADII WITH STEEL Z POST	1 58.96
SKINS-FRONT	.040 ALUMINUM PREPAINTED WHITE	1 30.28
LINER-FRONT	MORGAN REINFORCED-3/4" FULL HEIGHT PLYWOOD	1 184.28
ROOF	.032 ONE PIECE ALUMINUM SHEET WITH ANTI-SNAG ROOF BOWS ON 24 IN. CENTERS WITH CROWNED	1 138.16
	ROOF DESIGN WHICH PREVENTS WATER/ICE POOLING	
	AERODYNAMIC ALUMINUM RADIUS AND POLY-TUFF CORNER CAPS	1 30.57
INTERIOR LIGHTS	ONE INTERIOR LED DOME LAMP	1 1.19
	TOTAL DOMELIGHT(S) = 1;	1 0.001
	SWITCH WITH INDICATOR MOUNTED IN CAB DASH	1 6.45
	SWITCH FOR DOMELIGHT CIRCUIT	1 0.001
	NOTE: MORGAN SWITCH CHOSEN. MORGAN WILL NOT USE CHASSIS OEM SWITCH.	1 0.001



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LIFTGATE	WALTCO HLF/APBG-30 60"X 84" 3000LB CAPACITY, ALUMINUM PLATFORM WITH KNURLED SURFACE, GALVANIZED LIFTGATE WITH 102" WIDE EXTENSION PLATE, WALTCO GALVANIZED 2-STEP BUMPER KIT WITH BOTTOM STIRRUP STEP (FIXED ADJUSTABLE) WITH 21" LONG UHMW PADS	1	1145.53
EXTERIOR LIGHTS	TECNIQ S37 LED SEALED CLEARANCE LIGHT, PER FMVSS-108 INSTALLED IN FRONT CORNER CAPS, SIDE TOP RAILS AND FIVE ACROSS REAR HEADER.	1	5.83
	REAR MAIN HARNESS FOR LED LIGHTS	1	2.67
	TECNIQ LED REAR LIGHTS RECESSED IN REAR POST/DOMESTIC COMBINED STOP TURN TAIL AND BACKUP LAMP	1	2.61
Rear Taillights	LICENSE PLATE BRACKET AND LIGHT LOCATED UNDER BODY	1	0.001
PAINT	REAR FRAME STEEL WHITE, INCLUDES PAINTING REAR ENDPLATE BLACK	1	0.001
DECALS	MORGAN LOGO AND SAFETY DECALS-FULL MOUNT	1	0.11
SAFETY ITEMS	ALUMINUM 12" GRAB HANDLE-BOLTED	2	1.02
	GRAB HANDLE MOUNTED ON CURBSIDE AND ROADSIDE REAR	1	0.001
	CONSPICUITY TAPE INSTALLATION	1	0.48
	BOTH SIDES OF BODY, ACROSS BOTTOM OF REAR DOOR, UNDERRIDE PROTECTOR, AND TWO INVERTED L's ON THE UPPER OUTBOARD CORNERS. PER DRAWING CONSP00	1	0.001
	CUSTOMER HAS DECLINED SIDE GUARD OPTION ON THIS ORDER	1	0.001
	NOTE: MORGAN OFFERS A SIDE-GUARD SAFETY OPTION FOR THIS VEHICLE CONFIGURATION. IT IS RECOMMENDED THAT YOU VERIFY LOCAL ORDINANCES REGARDING SIDE GUARDS ON TRUCK BODIES IN LOCATIONS WHERE YOUR VEHICLE(S) MAY BE OPERATING. ASK YOUR MORGAN SALESPERSON FOR MORE INFORMATION RELATED TO SIDE-GUARD PROTECTION.	1	0.001
MOUNTING	CHASSIS FRAME EXTENSION - 10" CHANNEL FRAME	1	160.717

Total Body Weight: TBD

CONTACT MORGAN FACTORY REP FOR TOTAL BODY WEIGHT

NOTES TO CUSTOMER:

DIMENSIONAL DATA: All dimensions, weights, and measurements specified herein are estimates and are subject to Morgan's manufacturing tolerances, may change without notice, and may vary depending on options selected. Please contact Morgan for dimension, weights, and measurements for your particular truck body and chassis.



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NOTICE: Morgan Truck Body, LLC manufactures all vehicles to conform to applicable U.S. Federal Motor Vehicle Safety Standards (FMVSS) in effect at time of manufacture. Buyer/end-user is responsible for ensuring this vehicle, when operated, meets all applicable federal, state and local rules, regulations and statutes, including, but not limited to, those governing safety equipment, cargo securement, and accessories.

Morgan will give Customer a notice of release ("Release Notice") of their completed truck body units ("Vehicles") and Customer will remove, or authorize Morgan to remove, the Vehicles from Morgan's lot within five (5) days of the date thereof. After which time, and pursuant to Morgan's Standard Sales Agreement, Morgan shall not be responsible for any loss or damage thereto, for any reason, including, but not limited to, such loss or damage caused by fire, flood, storm, act of God, vandalism, accident, explosion, war, strike, civil or military authority, or any other similar causes.

In addition, Customer agrees to reimburse Morgan's then current lot lease expenses for every month past fourteen (14) days of the date of the Release Notice that the Vehicles remain on Morgan's lot. Customer also agrees to pay Morgan for all costs incurred, after fourteen (14) days of the date of the Release Notice, to maintain the Vehicles in satisfactory (road-worthy) working order.

Morgan shall not be responsible nor otherwise be held liable for cargo loss, loss of use, property damage, commercial (economic) loss, or other direct, indirect, incidental, consequential, or special damages alleged to have been caused by any Morgan product, or any delay in delivery of such product.

Morgan reserves the right to increase the quoted prices based on increases in prices charged to Morgan by its suppliers as of the date of Morgan's receipt of the chassis and all customer supplied material (if any). In the occurrence of Goods ordered without chassis (i.e., flat-bed pick-ups/deliveries), Morgan reserves the right to increase the quoted prices based on increases in prices charged to Morgan by its suppliers anytime up to start of production of the Goods.

Morgan's and CENTRAL TRAILER SERVICE'S Standard Sales Agreement Terms and Conditions apply to this quote. Copies available [Morgan's Sales Agreement Terms and Conditions](#) and upon request. Any additional or different terms proposed by Buyer are objected to and are hereby rejected.

Prices in \$USD

Subtotal:	\$ 25,906.00
Estimated Tax:	\$ 0.00
Sell Price Each:	\$ 25,906.00
x Qty:	1
Total Quote Price:	\$ 25,906.00

Quote is valid for 60 days, and is subject to Morgan's Sales Agreement Terms and Conditions.

**Price quoted does not include applicable taxes.
Applicable taxes will be added at time of invoice.**

Customer Acceptance of Proposal - The pricing, specifications, and conditions of this quotation are satisfactory and are hereby accepted. We authorize Morgan to perform the work as specified.

Customer Signature:	Date of Acceptance:	Customer PO Number:
---------------------	---------------------	---------------------

PO and Chassis Details:*** Chassis Expected Date:**

#	* PO #	* Chassis VIN	Customer Unit #	Chassis Factory #
1				

*** PO #, Chassis VIN #, and Chassis Expected Date are required when placing an order with Morgan Corporation. Please provide if not listed above.**

Options available at additional cost per body:

1.) TOP ROW OF E TRACK MOUNTED BETWEEN SHELF AND REAR DOOR EACH SIDE

\$ INCLUDED



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- | | | |
|-----|--|-------------|
| 2.) | D-RINGS MOUNTED AT REAR OF BODY, FIRST AND SECOND POST - 24"-48"-72" FROM FLOOR BOTH SIDES | \$ INCLUDED |
| 3.) | D-RING - CURBSIDE 25" FRONT FRONT WALL 64" FROM FLOOR | \$ INCLUDED |
| 4.) | D-RINGS FRONT WALL - 21" FROM SIDE WALLS 48" FROM FLOOR BOTH SIDES | \$ INCLUDED |
| 5.) | TOTAL D-RINGS = 15 | \$ INCLUDED |

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A proposal for
METRO WASTE AUTHORITY

Prepared by
TRUCK CENTER COMPANIES
Jordan Miller

Oct 13, 2021

Freightliner M2 106



Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-26M	M2 PRL-26M (EFF:7/26/21)			STD
Data Version				
DRL-019	SPECPRO21 DATA RELEASE VER 019			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,709	3,503	\$105,355.00
004-223	2023 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			N/C
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE			STD
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-001	GENERAL FREIGHT COMMODITY			STD
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs			
Truck Service				
AA3-001	DRY VAN BODY			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
AF3-1A2	MORGAN BODY COMPANY			N/C
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			

Engine

101-21T	CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB-FT @ 1600 RPM			\$1,954.00
---------	--	--	--	------------

Electronic Parameters

79A-070	70 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED			N/C
79P-004	PTO RPM WITH CRUISE SET SWITCH - 900 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C

Engine Equipment

99C-021	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG21 CONFIGURATION			STD
99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-205	(2) DTNA GENUINE, FLOODED STARTING, MIN 1900CCA, 350RC, THREADED STUD BATTERIES			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB			N/C
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-100	700 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		\$85.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD

Transmission

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Data Code	Description	Weight Front	Weight Rear	Retail Price
342-1MN	ALLISON 2500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION			\$377.00
Transmission Equipment				
343-301	ALLISON VOCATIONAL PACKAGE 354 - AVAILABLE ON 1000/2000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, EVS, HS, MH, PTS AND SPS			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-003	PRIMARY MODE GEARS, 5 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1, AVAILABLE FOR 1000/2000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB			\$49.00
362-802	CUSTOMER INSTALLED CHELSEA 442 SERIES PTO			N/C
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
345-073	DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITH PARK BRAKE POSITION			\$20.00
97G-006	TRANSMISSION PROGNOSTICS - DISABLED (N/A) 2013, FOR USE IN 1000/2000 ONLY			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-001	TRANSMISSION OIL CHECK AND FILL			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			STD
402-049	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			\$242.00
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-001	CAST IRON OUTBOARD FRONT BRAKE DRUMS			STD
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE			\$17.00
Front Suspension				
620-1E9	12,000# MONO TAPERLEAF FRONT SUSPENSION			STD
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1N0	MS-21-14X 21,000# R-SERIES SINGLE REAR AXLE		10	\$234.00
421-557	5.57 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
386-079	MXL 16T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	10	10	(\$119.00)
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS			STD
451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS			STD
440-006	REAR OIL SEALS			STD
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE			STD

Rear Suspension

622-284	AIRLINER 21,000# REAR SUSPENSION			N/C
621-007	AIRLINER HIGH POSITION RIDE HEIGHT			STD
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			N/C
888-047	MANUAL DUMP VALVE FOR AIR SUSPENSION WITHOUT GAUGE			\$83.00
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH			N/C
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE			STD
623-002	TRANSVERSE CONTROL RODS			STD
439-004	REAR SHOCK ABSORBERS - ONE AXLE (AIR RIDE SUSPENSION)			STD

Brake System

018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER			\$11.00
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
Wheelbase & Frame				
545-555	5550MM (219 INCH) WHEELBASE			N/C
546-099	9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6MM/0.281X10.06 INCH) 120KSI	140	-10	\$347.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	80	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 152.95 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 149.95 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 332.28 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 98.84 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 180.91 in			N/C
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 147.45 in			
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AP	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS	30		\$65.00
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15		\$74.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	20		\$348.00
218-005	RECTANGULAR FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-007	FUEL TANK(S) FORWARD			STD
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5		\$27.00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires				
093-2C8	HANKOOK AL11 295/75R22.5 14 PLY RADIAL FRONT TIRES			(\$460.00)
094-2C9	HANKOOK DL11 295/75R22.5 14 PLY RADIAL REAR TIRES		32	(\$844.00)
Hubs				
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD
Wheels				
502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS			STD
496-011	FRONT WHEEL MOUNTING NUTS			STD
497-011	REAR WHEEL MOUNTING NUTS			STD
495-998	NO PUSHER/TAG WHEEL MOUNTING NUTS			STD
Cab Exterior				

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Data Code	Description	Weight Front	Weight Rear	Retail Price
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-009	RUBBER CAB MOUNTS			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			\$36.00
678-001	LH AND RH GRAB HANDLES			STD
646-045	MOLD-IN COLOR GRILLE			STD
65X-011	MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE			STD
644-004	FIBERGLASS HOOD			STD
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK	4		\$82.00
726-002	DUAL ELECTRIC HORNS			\$10.00
728-001	SINGLE HORN SHIELD			N/C
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-003	KEY QUANTITY OF 3			\$9.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
302-001	(5) AMBER MARKER LIGHTS			STD
311-021	HEADLIGHTS ON WITH WIPERS, NO DAYTIME RUNNING LIGHTS			\$21.00
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BG	DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS			\$93.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-1AP	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-016	DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES			N/C
275-061	ELECTRIC HORN WARNING SYSTEM FOR PARK BRAKE NOT SET WITH DOOR OPEN AND ALL IGNITION KEY POSITIONS			N/C
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
647-001	WHITE WINTERFRONT	2		\$35.00
Cab Interior				
707-1AM	OPAL GRAY CLOTH INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
720-002	2-1/2 LB. FIRE EXTINGUISHER	5		\$37.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-011	DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-101	(1) 12V POWER SUPPLY (1) DUAL 2.1 AMP USB CHARGER IN DASH			\$87.00
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10		\$24.00
756-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		\$167.00
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		\$308.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		\$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			\$25.00
721-001	97 DB BACKUP ALARM		3	\$44.00
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE			STD
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-001	OVERHEAD INSTRUMENT PANEL			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10		\$490.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF			\$47.00
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD			\$18.00
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			\$55.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			N/C
329-010	TWO ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL OPT			\$61.00
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH			\$12.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-017	ONE VALVE PARKING BRAKE SYSTEM WITH SHIFTER CONTROLLED AUTOPARK AND WARNING INDICATOR			\$193.00
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
Design				
065-000	PAINT: ONE SOLID COLOR			STD
Color				
980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
963-003	STANDARD E COAT/UNDERCOATING			STD

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS	STD
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Raw Performance Data

AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 149.95 in
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 147.45 in

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY

Adjusted List Price

Adjusted List Price ** \$110,197.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	5994 lbs	3628 lbs	9622 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight ⁺	5994 lbs	3628 lbs	9622 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

Other Factory Charges



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PNZ-998	NO CARB22 BASE WARRANTY	N/C
PMV-021	GHG21 ENHANCEMENT PRICE	\$455.00
RAG-020	CUMMINS TARIFF CHARGE - \$205	\$205.00
RFY-022	FRONT TIRE SURCHARGE	\$40.00
RFU-022	REAR TIRE SURCHARGE	\$80.00
P73-2FT	STANDARD DESTINATION CHARGE	\$2,700.00

Dealer Installed Options

		Weight Front	Weight Rear	Price
001	MORGAN BODY QUOTE - 20FT DRY VAN BODY	0	0	\$25,906.00
Total Dealer Installed Options		0 lbs	0 lbs	\$25,906.00

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.



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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK	12,000# MONO TAPERLEAF FRONT SUSPENSION
CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB-FT @ 1600 RPM	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
ALLISON 2500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	5550MM (219 INCH) WHEELBASE
MS-21-14X 21,000# R-SERIES SINGLE REAR AXLE	9/32X3-7/16X10-1/16 INCH STEEL FRAME
AIRLINER 21,000# REAR SUSPENSION	(7.14MMX255.6MM/0.281X10.06 INCH) 120KSI
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$	66,695	\$	66,695
EXTENDED WARRANTY		\$	0	\$	0
DEALER INSTALLED OPTIONS		\$	25,906	\$	25,906
CUSTOMER PRICE BEFORE TAX		\$	92,601	\$	92,601

TAXES AND FEES

TAXES AND FEES	\$	0	\$	0
OTHER CHARGES	\$	0	\$	0

TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$	(0)
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BALANCE DUE	(LOCAL CURRENCY)	\$	92,601	\$	92,601
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COMMENTS:

Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ___ / ___ / ___.

Daimler Truck Financial

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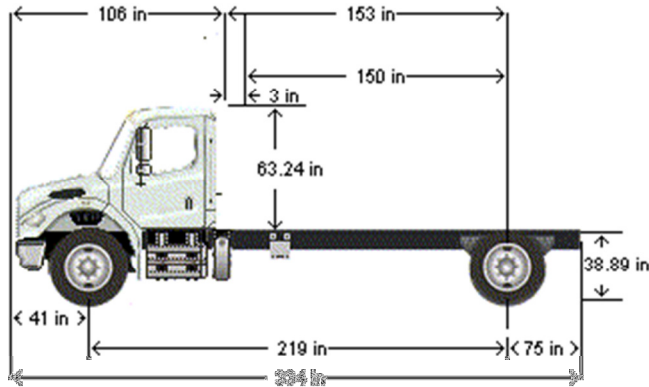
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DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	M2106
Wheelbase (545)	5550MM (219 INCH) WHEELBASE
Rear Frame Overhang (552)	1900MM (75 INCH) REAR FRAME OVERHANG
Fifth Wheel (578)	NO FIFTH WHEEL
Mounting Location (577)	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in)	0
Maximum Rearward Position (in)	0
Amount of Slide Travel (in)	0
Slide Increment (in)	0
Desired Slide Position (in)	0.0
Cab Size (829)	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682)	NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016)	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE

TABLE SUMMARY - DIMENSIONS



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 Phone: 515.650.7852

Dimensions	Inches
Bumper to Back of Cab (BBC)	106.3
Bumper to Centerline of Front Axle (BA)	40.7
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	153.0
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	150.0
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	227.8
Cab Height (CH)	63.2
Wheelbase (WB)	218.5
Frame Overhang (OH)	74.8
Overall Frame Length	332.3
Overall Length (OAL)	334.1
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	38.9

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Metro Waste Authority Board
Monthly Board Meeting
December 15, 2021
Agenda Item 10

ITEM:

Approval to Hire HDR to Design and Prepare Specifications for Cell E Construction

SUMMARY:

Annual survey and phasing plans require that Cell E be constructed next calendar year. In FY21/22, \$12,000,000 is budgeted for the construction of Cell E and leachate lagoon cleanout. Final design and bid specifications must be prepared. Staff anticipates bids will be solicited in March of 2023 with construction beginning in May of 2023.

DISCUSSION POINTS:

Metro Waste Authority will obtain competitive bids for the construction and cell construction oversight once the design and specifications are completed.

STAFF RECOMMENDATION:

Staff recommends approval of a contract with HDR, not to exceed \$87,000, for the design and preparation of bid specifications for construction of Cell E.

BUDGET REQUIREMENTS:

The \$87,000 to design and prepare specifications was included in the \$12,000,000 estimate that was budgeted in FY21/22.

ATTACHMENTS:

- HDR Agreement for Design of Cell E

CONTACT:

Jon Penheiter, solid waste administrator, 515.333.4446



EXHIBIT A **TASK ORDER**

This Task Order represents an Agreement by and between the Metro Waste Authority (MWA), ("OWNER"), and HDR Engineering, Inc. (HDR), ("ENGINEER") in accordance with the Terms and Conditions for Professional Services, dated February 28, 2018, a copy of which are attached. Engineer shall perform services on the project described below as provided herein. This Task Order shall not be binding until it has been properly signed by both parties.

HDR Engineering, Inc. (HDR) appreciates the opportunity to provide this proposal to Metro Waste Authority (MWA) for professional design engineering and bidding assistance services in support of new cell development infrastructure improvement projects at the MWA Metro Park East (MPE) Landfill.

PROJECT NAME: MWA MPE Cell E Liner Design and Bidding – GL Code: 30-5410-000

Upon execution of this agreement, this task will be included on all subsequent invoices. By signature of this task order, MWA and HDR agree to the acceptability of this arrangement.

Project Scope of Services

Metro Waste Authority | HDR Engineering, Inc.

CELL E DESIGN AND BIDDING

Project Statement and Objective

It is our understanding MWA desires to hire an experienced engineering firm to provide comprehensive engineering services related to design, permitting and bidding for new cell development, and associated site improvements at the Metro Park East Landfill (MPE) facility.

Based on our conversations with MWA staff, we understand it is MWA's intention to combine development of Cell E North and E South, Cell F bulk excavation, and potentially several smaller miscellaneous site improvement projects into a single construction contract in an attempt to achieve efficiencies and economies of scale.



Scope of Services

HDR will complete engineering design and bidding assistance services to include the following series of tasks:

Task Series 100 – Cell E Design Services

- 101 – Pre-Design Survey
- 102 – Cell E Liner & Leachate Collection System Design
- 103 – Contract Document Development

Task Series 200 – Bidding Assistance

- 201 – Bid Document Production & Notice to Bidders
- 202 – Pre-Bid Meeting
- 203 – Bid Tabulation & Technical Review
- 204 – Contract Initiation Documents

The following pages outline specific aspects of each task included in this project.



Task Series 100 – Cell E Design Services

Task 101 Pre-Design Survey

HDR Activities: HDR is assuming the previously completed airspace analysis survey will suffice for the pre-design topographic survey of the anticipated construction area. The area surveyed includes approximately 30 acres comprising the Cell E liner area, and Cell F liner area.

The construction Contractor will be required to complete a preconstruction survey upon mobilization for finalization of bulk excavation unit price items. The pre-design topographic survey will be relied on as the basis for all Cell E design elements, volumetrics, and bid quantity determinations. Volumetrics and bid quantity determinations will be updated with the results of the preconstruction survey.

Planned Meetings: No additional meetings are planned specific to this task.

Deliverables: None.

Task 102 Cell E Liner & Leachate Control System Design

HDR Activities: HDR will develop complete design and construction documents (plans and specifications) for construction of Cell E at MPE. Cell E is the next phase of development for the Phase II waste disposal area and consists of an approximate 24-acre composite liner and leachate collection system. Overall design components will include:

- subgrade and cell perimeter grading and bulk earthwork plan (including soil stockpiling and terrace construction at the Phase 1 unit);
- clay liner and flexible membrane liner;
- in-cell leachate collection, including drainage layer and cleanouts;
- tie-ins to existing liner and leachate system;
- groundwater control system;
- perimeter horizontal landfill gas collection lines and provisions for connection of gas wellheads to leachate cleanouts, as needed;
- geosynthetic rain flap and rain cover, post-construction storm water controls, and storm water run-on diversion and cell dewatering design and phasing plan during construction;
- perimeter grading plan to accommodate revised storm water routing north beneath the perimeter access road to northeast detention basin and south around the eastern cell limits to the existing sedimentation basin, litter control, and operational mobility; and
- customer and facility access roads and modifications to existing scraper haul roads.



Work will begin with review and compilation of existing permit, survey, and record documents and past design documentation to use as talking points for a design basis development meeting to be held at MPE. The design basis development meeting will include a site visit, overall evaluation of MWA's desired outcomes, and discussion surrounding final decisions necessary to initiate design activities. HDR will prepare a written design basis memorandum summarizing meeting outcomes and key design requirements, constraints, and changes.

Following the design basis development meeting, HDR will begin production work on Cell E design plans and specifications. Design review meetings will be held with MWA at 60% and 90% complete milestones and Final Draft Issued for Bids Project Manual. If a pre-design meeting is requested by IDNR, the 60% complete design review meeting will be replaced with the IDNR pre-design meeting.

HDR will prepare a preliminary Engineer's Opinion of Probable Construction Cost to be discussed at the design basis development meeting, and will develop an updated Engineer's Opinion of Probable Cost in association with the 90% complete design review meeting. Furthermore, HDR will provide a capital cost outlay schedule to MWA for use in projecting cash flows through the life of this approximate year-long project.

Prior to the start of project work, HDR will develop an overall project schedule for activities leading up to the Notice of Contractor Award. The project schedule will be in the form of a Gantt chart and will be updated and provided to MWA on a monthly basis with project invoices. The schedule will include key project aspects and milestones for design engineering and bid assistance services outlined in this Scope of Services.

Planned Meetings:

A total of four (4) in-person meetings are anticipated in association with this task, including:

- Design basis development meeting and site visit.
- 60% design review / IDNR pre-design meeting
- 90% design review meeting
- Final draft Issued For Bids Project Manual review meeting

Each meeting will be held in Des Moines, Iowa and will be attended by two members of the HDR project team. HDR will prepare agenda, meeting materials packets, and meeting minutes in conjunction with each of the four planned in-person meetings.

Deliverables:

Deliverables will be provided to MWA electronically prior to each design review meeting and hard copy deliverables will be provided for discussion at the time of each design review meeting. Deliverables associated with this task include:

- Design basis memorandum



- 60% complete design plan set
- 90% complete design plan and specification set
- Engineer's Opinion of Capital Cost (concurrent with the design basis memorandum and 90% complete design) and schedule of anticipated capital outlays.

Key Understandings: The project, including all design and construction components identified herein, will be let in one single bid package.

As-recorded drawings for surrounding cells (D North and D South) can be relied upon for the Cell E design. No geotechnical analysis of the cell area or borrow area are required. Design will be in accordance with permit documents and discussions with IDNR.

Unless specifically identified herein, design excludes major drainage structures, structures outside the cell area, and mechanical designs outside the cell area.

It is assumed that Cell E will utilize the same general design basis and construction details as in the approved permit for the cell grades, base liner system, leachate collection details, drainage details, and specifications. Adjustments will be made based on lessons learned from the most recent construction and operation of Cell D South.

It is assumed that an erosion control permit exists and requires no modification for the construction of the cell expansion. Work does not include an update to the storm water pollution prevention plan.

For any coordination with Waste Management of Iowa (WMI) related to landfill gas system piping or wellhead connection details, MWA will serve as the primary point of contact and will instruct HDR as to the specific construction details required by WMI.

Task 103 Contract Document Development

HDR Activities: HDR will prepare final Contract Documents for design elements identified by MWA and included in the Task Series 100 Scope of Services.

Final Contract Documents will include:

- Notice to Bidders
- Advertisement for Bids
- Instructions to Bidders
- Form of Proposal
- Bid, Performance, and Payment Bond Forms
- Notice of Award
- General Conditions



- Supplemental Site Specific General Conditions
- Construction Drawings and Specifications

Also during this task, HDR will create a survey control table with staking coordinates and pre-determined point naming/numbering conventions for use by surveyor, contractor, and CQA consultant during cell construction.

Planned Meetings: No additional meetings are planned specific to this task. MWA comment and input into contract documents will be solicited concurrent with the 90% complete design review and final draft issued for bid document review meetings.

Deliverables: Final contract documents will be produced in electronic form for MWA's review. Professional time and expenses for hard copy production and dissemination of Contract Documents is included in subsequent tasks.

MPE Cell E survey control table in Microsoft Excel format.

Key Understandings: MWA standard front end construction documents will be used as the basis for this project's construction documents. Changes to the MWA standard documents will be limited to project-specific construction and work sequence elements.

Task Series 200 – Bidding Assistance

Task 201 Bid Document Production & Notice to Bidders

HDR Activities: HDR will assist MWA in the solicitation and evaluation of the single bid package for the construction of Cell E liner & leachate collection design and associated project elements. HDR will use a lump sum and select unit costs in bidding the project to minimize risk to all parties and encourage competitive bidding.

HDR bidding assistance will include:

- Prepare official Notice to Bidders.
- Aid MWA in development of prospective bidder's list.
- Reproduce and distribute bidding drawings and Contract Documents to prospective bidders.
- Respond to bidders' and suppliers' questions and issue addenda as appropriate.
- Furnish up to 5 copies of the bid documents (drawings and Contract Documents) in paper format for use by MWA, CQA personnel, and prospective bidders.

Planned Meetings: No additional meetings are planned specific to this task.



Deliverables: Electronic copies of final Construction Documents Project Manual in Adobe PDF format and specifications in Microsoft Word format.

Furnish up to 5 copies of the bid documents in paper format for distribution to prospective bidders. Additional copies may require additional fee.

Key Understandings: Project will be let in one bid package as described in the HDR Activities section.

Bidders will provide electronic media release agreements for any documents furnished electronically.

Task 202 Pre-Bid Meeting

HDR Activities: HDR will arrange for and facilitate the pre-bid meeting. Meeting agenda, meeting information packets, and meeting notes will be created and distributed to all meeting attendees. Pre-bid meeting minutes and attendee list will be issued as an addendum to the Contract Documents.

Planned Meetings: The pre-bid meeting will consist of a single meeting held at the MPE landfill facility. A minimum of two (2) HDR employees will be in attendance at the pre-bid meeting.

Deliverables: Pre-bid meeting agenda and meeting materials packet will be prepared and made available electronically and in hard copy for meeting attendees.

Meeting notes will be prepared and made available electronically to meeting attendees and as an addendum to Contract Documents.

Key Understandings: The pre-bid meeting will be held at the MPE Landfill office.

Task 203 Bid Tabulation & Review

HDR Activities: HDR will review submitted contractor bids for technical completeness and accuracy and tabulate bids for presentation to MWA along with an official recommendation of award.

As determined necessary at the direction of MWA, HDR will further evaluate selected bids by interviewing references, suppliers, or key project individuals. For budgetary purposes, eight (8) professional hours for supplemental bid evaluation have been included in the fee for this task.

Planned Meetings: No additional meetings are planned for this task.

Deliverables: Completed bid tabulation spreadsheet and recommendation of award letter.

A supplementary memorandum outlining review process and outcomes may be produced at MWA's request.



Task 204 Contract Initiation Documents

HDR Activities:	<p>HDR will liaise directly between MWA and the selected contractor to complete and execute the requisite paperwork to initiate the construction contract. This will include correspondence with the selected contractor and MWA project manager and completion of the following initiation documents:</p> <ul style="list-style-type: none"> • Issuance of Notice of Award following approval of contractor by MWA board. • Review of contractor's certificate of insurance, performance bond, and payment bond for compliance with general conditions of the contract. • Completion of the Agreement Stipulated Price (contract mechanism) and execution of the agreement by MWA and contractor. • Issuance of Notice to Proceed following satisfactory completion of the preceding contract initiation documents. • Completion of state sales tax waiver forms from MWA to contractor.
Planned Meetings:	No additional meetings are planned for this task.
Deliverables:	Final hard copies of each of the contract initiation documents described in the 'HDR Activities' section for MWA and contractor internal records, and electronic copies in the project record database, to be established by MWA or the CQA consultant.



Project Schedule

HDR is prepared to begin work on this project immediately and will coordinate availability of project team personnel and resources as necessary to meet MWA's desired timeline for construction bid letting and bid award. The table below identifies key milestones in the proposed Scope of Services to accommodate MWA's desired timeline.

Description	Projected Completion Date
Notice of Award	December 15, 2021
Design Basis Development Meeting	December 17, 2021
60% Design Review Meeting	February 03, 2022
90% Design Review Meeting	February 24, 2022
IDNR Permit Amendment & Permit Renewal Submittal	February 28, 2022
Bid Letting	March 07, 2022
Pre-Bid Meeting	March 16, 2022
Deadline for Bid Receipt	March 30, 2022
Notice of Construction Contract Award	April 20, 2022
Start of Construction	May 9, 2022
Construction Substantial Completion	November 11, 2022
Submittal of CQA Report to IDNR	December 12, 2022
Construction Final Completion	December 12, 2022



Compensation and Fee Schedule

HDR will complete the Scope of Services detailed herein on a lump sum basis for all tasks. A breakdown of our fee by task series is provided as follows:

Task Series Description	Budget
100 – Cell E South Design Services	\$70,200
200 – Bidding Assistance	\$16,400
Total	\$86,600

This Task Order is executed this _____ day of _____, 20____.

Metro Waste Authority

HDR ENGINEERING, INC.

“OWNER”

“ENGINEER”

BY: _____

BY: _____

NAME: _____

NAME: _____

TITLE: _____

TITLE: _____

ADDRESS: _____

ADDRESS: _____

Matthew B. Tondl

Senior Vice President

1917 S 67th Street
Omaha, NE 68106

Metro Waste Authority Board**Monthly Board Meeting****December 15, 2021****Agenda Item 11**

ITEM:

Approval of Metro Waste Authority FY20/21 Audit Report

SUMMARY:

Denman & Company, LLP, will review key highlights of the FY20/21 audit report.

DISCUSSION POINTS:

The audit committee met on Wednesday, Dec. 8, 2021, with Robert Endriss from Denman and Company, LLP, to review a preliminary draft of the FY20/21 audit report. The audit opinion was clean with no qualifications. There were no compliance items noted. Copies of the final report will be electronically provided to the Board by the December 15, 2021, board meeting.

STAFF RECOMMENDATION:

Staff recommends approval.

ATTACHMENTS:

FY20/21 Audit Report

CONTACT:

Michael McCoy, executive director, 515.323.6535

**Metro Waste Authority
Des Moines, Iowa**

FINANCIAL REPORT

June 30, 2021 and 2020

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Metro Waste Authority OFFICIALS

<u>Name</u>	<u>Title</u>	<u>Representing</u>
Ron Pogge	Chair	Urbandale
Dave Gisch	Vice Chair	Grimes
Dean O'Connor	Member	Altoona
Mark Holm	Member	Ankeny
Wes Enos	Member	Bondurant
John Edwards	Member	Clive
Joe Gatto	Member	Des Moines
Steve Allen	Member	Elkhart
Tom Cope	Member	Johnston
Bill Roberts	Member	Mitchellville
Ed Kuhl	Member	Norwalk
Dean Cooper	Member	Pleasant Hill
Rob Sarchet	Member	Polk City
Tom Hockensmith	Member	Polk County
Gerald Lane	Member	Runnells
Steve Gaer	Member	West Des Moines
Threase Harms	Member	Windsor Heights
Planning Area Members		
Carmella Jones		Alleman
Drew Merrifield		Carlisle
James Buzzard		Hartford
Gary Bartels		Mingo
Chad Alleger		Prairie City
Don Towers		Sheldahl
Michael McCoy	Executive Director of Authority	
Joel Etienne	Finance Administrator	

INDEPENDENT AUDITOR'S REPORT

Board of Directors
Metro Waste Authority
Des Moines, Iowa

Report on the Financial Statements

We have audited the accompanying financial statements of Metro Waste Authority (the Authority) (a joint public body) as of and for the years ended June 30, 2021 and 2020, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Authority's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Metro Waste Authority as of June 30, 2021 and 2020, and the changes in its financial position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, the schedule of the Authority's proportionate share of the net pension liability, the schedule of Authority pension contributions and the notes to required supplementary information – pension liability on pages 6-9 and 32-36, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 15, 2021, on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

DENMAN & COMPANY, LLP

West Des Moines, Iowa
November 15, 2021

METRO WASTE AUTHORITY

Management's Discussion and Analysis

PENDING

METRO WASTE AUTHORITY

Management's Discussion and Analysis

PENDING

METRO WASTE AUTHORITY

Management's Discussion and Analysis

PENDING

METRO WASTE AUTHORITY

Management's Discussion and Analysis

PENDING

**Metro Waste Authority
STATEMENTS OF NET POSITION**

	June 30	
	2021	2020
CURRENT ASSETS		
Cash and cash equivalents	\$ 4,660,223	\$ 7,338,386
Investments	25,411,758	16,449,250
Disposal fees receivable, less allowance for uncollectible accounts 2021 and 2020 \$100,000	3,743,975	3,504,717
Grants receivable	—	102,678
Prepaid expenses, accrued interest and other assets	804,247	598,420
Inventories	189,750	172,242
Total current assets	<u>34,809,953</u>	<u>28,165,693</u>
ASSETS WHOSE USE IS LIMITED		
Investments	<u>41,976,684</u>	<u>53,864,694</u>
CAPITAL ASSETS	171,288,524	147,465,628
Less accumulated depreciation and amortization	<u>89,958,714</u>	<u>82,500,281</u>
Total capital assets	<u>81,329,810</u>	<u>64,965,347</u>
Total assets	<u>158,116,447</u>	<u>146,995,734</u>
DEFERRED OUTFLOWS OF RESOURCES		
Pension related deferred outflows	<u>1,101,973</u>	<u>989,277</u>
CURRENT LIABILITIES		
Current portion of notes payable	2,420,000	2,210,000
Construction contracts payable	4,361,656	8,944
Trade accounts payable	2,505,629	2,576,533
Landfill tax payable	437,727	393,269
Accrued payroll and employee benefits	1,805,324	1,681,390
Other accrued expenses	290,665	251,349
Total current liabilities	<u>11,821,001</u>	<u>7,121,485</u>
LONG-TERM LIABILITIES		
Notes payable, net	27,697,950	30,379,637
Accrued landfill closure and postclosure care costs	18,541,402	17,058,989
Net pension liability	<u>4,877,222</u>	<u>4,063,966</u>
Total long-term liabilities	<u>51,116,574</u>	<u>51,502,592</u>
Total liabilities	<u>62,937,575</u>	<u>58,624,077</u>
DEFERRED INFLOWS OF RESOURCES		
Pension related deferred inflows	<u>187,342</u>	<u>706,902</u>
NET POSITION		
Net investment in capital assets	61,898,203	56,431,766
Restricted for transfer station closure	320,000	320,000
Unrestricted	<u>33,875,300</u>	<u>31,902,266</u>
Total net position	<u>\$ 96,093,503</u>	<u>\$ 88,654,032</u>

See Notes to Financial Statements.

Metro Waste Authority
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

	Year ended June 30	
	<u>2021</u>	<u>2020</u>
REVENUES		
Landfill, transfer, compost, RCC, curbside recycling, and rental	\$44,140,809	\$40,902,064
OPERATING EXPENSES		
Operating expenses (excluding depreciation and amortization)	26,761,728	25,003,038
Provision for landfill closure and postclosure care costs	<u>1,519,558</u>	<u>870,451</u>
Operating income before depreciation and amortization	<u>15,859,523</u>	<u>15,028,575</u>
DEPRECIATION AND AMORTIZATION		
Depreciation	5,651,441	5,457,131
Amortization	<u>2,366,453</u>	<u>2,651,437</u>
	<u>8,017,894</u>	<u>8,108,568</u>
Operating income	<u>7,841,629</u>	<u>6,920,007</u>
NONOPERATING REVENUES (EXPENSES)		
Farm income, net related expenses	203,925	1,845
Grant revenue	22,500	102,678
Investment income (loss)	(43,317)	800,220
Gain on sale of capital assets	12,025	127,965
Interest expense	(737,327)	(341,560)
Debt issuance costs	—	(782,367)
Other	<u>140,036</u>	<u>151,912</u>
Total nonoperating revenues (expenses)	<u>(402,158)</u>	<u>60,693</u>
Change in net position	7,439,471	6,980,700
NET POSITION, beginning of year	<u>88,654,032</u>	<u>81,673,332</u>
NET POSITION, end of year	<u>\$96,093,503</u>	<u>\$88,654,032</u>

**Metro Waste Authority
STATEMENTS OF CASH FLOWS**

	Year ended June 30	
	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash received from customers	\$43,901,551	\$40,132,710
Cash paid to suppliers for goods and services	(19,766,485)	(19,931,220)
Cash paid to employees for services	(5,853,807)	(5,477,846)
Cash paid for host fees	(351,345)	(370,220)
Community clean up grants paid	(28,856)	(13,000)
Net cash flows from operating activities	<u>17,901,058</u>	<u>14,340,424</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Principal payments on notes payable	(2,210,000)	(8,956,325)
Proceeds from issuance of debt	—	32,589,637
Interest paid on notes payable	(925,522)	(375,984)
Debt issuance costs	—	(782,367)
Purchase of capital assets	(20,785,651)	(10,771,865)
Cash received on sale of capital assets	36,247	89,315
Payments for landfill cell closure	(37,145)	(1,104,026)
Grants received	125,178	—
Net cash flow from capital and related financing activities	<u>(23,796,893)</u>	<u>10,688,385</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Proceeds from the sale of investments	2,868,677	698,384
Purchases of investments	—	(23,982,202)
Interest received	5,034	19,531
Net cash received from farming and other activities	343,961	153,757
Net cash flow from investing activities	<u>3,217,672</u>	<u>(23,110,530)</u>
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	(2,678,163)	1,918,279
CASH AND CASH EQUIVALENTS		
Beginning	<u>7,338,386</u>	<u>5,420,107</u>
Ending	<u>\$ 4,660,223</u>	<u>\$ 7,338,386</u>

See Notes to Financial Statements.

Metro Waste Authority
STATEMENTS OF CASH FLOWS (continued)

	Year ended June 30	
	2021	2020
RECONCILIATION OF OPERATING INCOME TO		
NET CASH FLOWS FROM OPERATING ACTIVITIES		
Operating income	\$ 7,841,629	\$ 6,920,007
Adjustments to reconcile operating income to		
net cash flows from operating activities		
Depreciation and amortization	8,017,894	8,108,568
Provision for closure and postclosure care costs	1,519,558	870,451
Changes in assets and liabilities		
Disposal fees receivable	(239,258)	(769,354)
Prepaid expenses and other assets, net of investing activities	(197,353)	(190,207)
Inventories	(17,508)	66,191
Deferred outflows of resources	(112,696)	215,732
Payables, net of amounts for capital assets	705,338	(1,130,570)
Accrued payroll and employee benefits	89,758	273,936
Net pension liability	813,256	(449,309)
Deferred inflows of resources	<u>(519,560)</u>	<u>424,979</u>
Net cash flows from operating activities	<u>\$17,901,058</u>	<u>\$14,340,424</u>

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES

Metro Waste Authority (the Authority) was formed in 1969 pursuant to the provisions of Chapter 28E of the Code of Iowa by a majority of the local governmental jurisdictions comprising the Des Moines, Iowa metropolitan area. The purpose of the Authority is to provide for the economic disposal, or collection and disposal, of all solid waste produced or generated within the metropolitan area. Currently, this purpose is being met by operating sanitary landfills, transfer station, regional collection center and compost facility, as well as managing volume reduction and recycling programs. The Authority also provides disposal services to private contractors.

The Authority is comprised of one representative from each of the sixteen member cities and one representative from Polk County. The member cities are: Altoona, Ankeny, Bondurant, Clive, Des Moines, Elkhart, Grimes, Johnston, Mitchellville, Norwalk, Pleasant Hill, Polk City, Runnells, Urbandale, West Des Moines, and Windsor Heights. Each member is entitled to one vote for each 50,000 population or fraction thereof, residing in the governmental jurisdiction, as determined by the most recent general Federal Census.

Reporting Entity

For financial reporting purposes, the Authority has included all funds, organizations, account groups, agencies, boards, commissions and authorities. The Authority has also considered all potential component units for which it is financially accountable, and other organizations for which the nature and significance of their relationship with the Authority are such that exclusion would cause the Authority's financial statements to be misleading or incomplete. The Governmental Accounting Standards Board has set forth criteria to be considered in determining financial accountability. These criteria include appointing a voting majority of an organization's governing body, and (1) the ability of the Authority to impose its will on that organization or (2) the potential for the organization to provide specific benefits to, or impose specific financial burdens on the Authority. The Authority has no component units which meet the Governmental Accounting Standards Board criteria.

Measurement Focus and Basis of Accounting

The accounting policies of the Authority conform to accounting principles generally accepted in the United States of America as applicable to governments. The financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. The Authority has no governmental or fiduciary funds.

The Authority's accounts are organized as an enterprise fund. The enterprise fund is used to account for operations (a) that are financed and operated in a manner similar to private business enterprises, where the intent of the governing body is that the costs (expense, including depreciation) of providing goods and services to the general public on a continuing basis be financed or recovered primarily through user charges or (b) where the governing body has decided that the periodic determination of revenues earned, expenses incurred and/or changes in net position is appropriate for capital maintenance, public policy, management control, accountability or other purposes.

The Authority distinguishes operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the Authority's principal ongoing operations. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

When an expense is incurred which can be paid using either restricted or unrestricted resources, the Authority's policy is generally to first apply the expense toward restricted resources and then to less-restrictive classifications.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES (continued)

Cash and Cash Equivalents

The Authority considers all cash and short-term investments that are highly liquid to be cash equivalents.

Disposal Fees Receivable

Disposal fees are recorded at the time of service. The Authority provides for an allowance for doubtful accounts that is estimated based on the Authority's historical losses, the existing economic conditions and the financial stability of the customers. The amount of the allowance for doubtful accounts as of June 30, 2021 and 2020 was \$100,000. Receivables are written off when they are determined to be uncollectible.

Inventories

Inventories, which consist of yard bags and stickers, are stated at cost, based on the first-in, first-out method.

Capital Assets

Capital assets are accounted for at historical cost or estimated historical cost where historical cost is not available. Depreciation and amortization of all exhaustible capital assets is charged as an expense against operations. Depreciation is provided over the estimated useful life of each class of depreciable asset and is computed on the straight-line method using these asset lives:

Landfill improvements	5 to 10 years
Wetlands treatment facility	10 to 30 years
Buildings	10 to 40 years
Building improvements	10 years
Automobiles and trucks	3 to 10 years
Equipment	5 to 10 years

To match the expense related to landfill cell development with the revenue generated by the landfill operations, the Authority amortizes landfill cell development costs on a units-of-consumption basis over its operating life, on a cubic yard of disposal space consumed. Landfill cell development costs are fully amortized at the end of a landfill cell's operating life. The per-unit amortization rate is calculated by dividing the sum of landfill cell development net book value plus estimated future development costs for the landfill cell, by the landfill cell's estimated remaining disposal capacity.

The cost of repairs and maintenance is charged to expense, while the cost of renewals or substantial betterments is capitalized. The cost and accumulated depreciation and amortization of assets disposed of are deleted, with any gain or loss recorded in current operations.

Landfill Tax Payable

The Authority is required by the Iowa Department of Natural Resources (DNR) to collect and remit to the DNR a tonnage fee surcharge on non-exempt disposed waste. The Authority's accounting policy is to exclude the tonnage fee surcharge collected and remitted from revenues and expenses.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES (continued)

Compensated Absences

Authority employees accumulate a limited amount of earned but unused vacation and sick leave hours for subsequent use or for payment upon termination, death or retirement. The cost of vacation and sick leave accumulations are recorded as liabilities and expenses. The compensated absences liability, included in accrued payroll and employee benefits, has been computed based on rates of pay in effect at June 30, 2021 and 2020, respectively.

Landfill Closure and Postclosure Care Costs

Costs expected to be incurred in ultimately closing the present landfill site are being systematically provided for through charges to expense over the estimated useful life of the landfill on the basis of capacity used.

Investments and Investment Income

The Authority's investments and the methods used in determining the reported amounts are as follows:

<u>Type</u>	<u>Method</u>
Interest-earning investment contracts	
Nonnegotiable certificates of deposit	Cost
Debt securities	
U.S. Government Agency securities	
Maturity of one year or less when purchased	Amortized cost
Maturity of more than one year when purchased	Fair value based on quoted market prices

The nonnegotiable certificates of deposit and U.S. Treasury and U.S. Government Agency securities are nonparticipating contracts not significantly affected by impairment of the issuer's credit standing or other factors. The debt securities with a remaining maturity of one year or less when purchased are also not significantly affected by the issuer's credit standing or by other factors.

Investment income is reported as nonoperating revenue. Investment income includes interest income and the net increase (decrease) in the fair value of investments which includes realized and unrealized gains and losses on investments.

Net Pension Liability

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Iowa Public Employees' Retirement System (IPERS) and additions to/deductions from IPERS' fiduciary net position have been determined on the same basis as they are reported by IPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Deferred Outflows of Resources

Deferred outflows of resources represent a consumption of net position that applies to a future period(s) and will not be recognized as an outflow of resources (expense) until then. Deferred outflows of resources consist of unrecognized items not yet charged to pension expense and contributions from the employer after the measurement date but before the end of the employer's reporting period.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES (continued)

Deferred Inflows of Resources

Deferred inflows of resources represent an acquisition of net position that applies to a future period(s) and will not be recognized as an inflow of resources (revenue) until that time. Deferred inflows of resources in the statements of net position consists of the unamortized items related to the Authority's pension plan.

Net Position

Net position is presented in the following three components:

Net investment in Capital Assets

Net investment in capital assets consists of capital assets and unspent bond proceeds, net of accumulated depreciation and amortization and reduced by liabilities that are attributable to the acquisition, construction, or improvement of those assets.

Restricted

This component of net position consists of constraints placed on net position use through external constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation. The Authority currently has reported restricted net position related to transfer station closure investments.

Unrestricted

Unrestricted net position has no externally imposed restrictions on use.

Accounting Estimates and Assumptions

The preparation of financial statements in accordance with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates.

NOTE 2 CASH AND INVESTMENTS

The Authority's deposits in banks at June 30, 2021 were entirely covered by federal depository insurance or the State Sinking Fund in accordance with Chapter 12C of the Code of Iowa. This chapter provides for additional assessments against the depositories to insure there will be no loss of public funds.

The Authority is authorized by statute to invest public funds in obligations of the United States government, its agencies and instrumentalities; certificates of deposit or other evidences of deposit at federally insured depository institutions approved by the Board of Directors; prime eligible bankers acceptances; certain high rated commercial paper; perfected repurchase agreements; certain registered open-end management investment companies; certain joint investment trusts; and warrants or improvement certificates of a drainage district. The Authority's investment policy limits the amount that may be invested in one issuer (excluding U.S. Government obligations) to 25% of the portfolio.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 2 CASH AND INVESTMENTS (continued)

<u>Security Description</u>	<u>Investment Maturities as of June 30, 2021 (in Years)</u>			
	<u>Fair Value</u>	<u>Less Than 1</u>	<u>1 – 5</u>	<u>More Than 5</u>
Cash equivalents	\$45,237,488	\$45,237,488	\$ –	\$ –
Federal Farm Credit Bank	7,336,386	–	7,336,386	–
FMCC	5,496,260	1,012,300	4,483,960	–
FHLB	7,218,549	1,947,445	5,271,104	–
FNMA	1,596,174	–	1,560,461	35,713
Certificates of deposit	<u>503,585</u>	<u>253,453</u>	<u>250,132</u>	<u>–</u>
	<u>\$67,388,442</u>	<u>\$48,450,686</u>	<u>\$18,902,043</u>	<u>\$ 35,713</u>

<u>Security Description</u>	<u>Investment Maturities as of June 30, 2020 (in Years)</u>			
	<u>Fair Value</u>	<u>Less Than 1</u>	<u>1 – 5</u>	<u>More Than 5</u>
Cash equivalents	\$64,445,696	\$64,445,696	\$ –	\$ –
FMCC	1,373,949	303,105	1,033,340	37,504
FHLB	2,489,554	507,525	1,982,029	–
FNMA	1,240,618	1,232,730	–	7,888
Certificates of deposit	<u>764,127</u>	<u>506,172</u>	<u>257,955</u>	<u>–</u>
	<u>\$70,313,944</u>	<u>\$66,995,228</u>	<u>\$3,273,324</u>	<u>\$ 45,392</u>

The Authority uses the fair value hierarchy established by generally accepted accounting principles based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets. Level 2 inputs are significant other observable inputs. Level 3 inputs are significant unobservable inputs.

The fair value measurements for the Authority's investments were determined using the quoted prices in active markets. (Level 1 inputs).

Credit Risk. The Authority's investment policy does not limit its investment portfolio based upon credit quality of the issuer. At June 30, 2021, all of the Authority's investments subject to credit quality ratings were rated AAA by Moody's Investor Service.

Interest Rate Risk. The Authority's investment policy limits the investing of operating funds (defined as funds reasonably expected to be expended within fifteen months) to instruments that mature within 397 days. Funds not identified as operating funds may be invested in instruments with maturities longer than 397 days, provided that the maturities are consistent with the needs and use of the Authority.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 3 ASSETS WHOSE USE IS LIMITED

Assets whose use is limited at June 30, 2021 and 2020 were limited for the following purposes:

	June 30	
	2021	2020
Legally restricted assets whose use is limited		
Closure and postclosure care costs	\$18,541,402	\$17,058,989
Transfer station closure	320,000	320,000
Under escrow agreement	437,727	393,269
Bond proceeds, for capital projects	11,204,992	24,065,000
Bond sinking fund	283,427	—
Total	<u>30,787,548</u>	<u>41,837,258</u>
Board designated assets whose use is limited		
Capital projects	10,589,136	11,427,436
Environmental contingencies	600,000	600,000
	<u>11,189,136</u>	<u>12,027,436</u>
Total assets whose use is limited	<u>\$41,976,684</u>	<u>\$53,864,694</u>

Assets designated by the Board of Directors for capital projects and environmental contingencies, represent assets set aside for these purposes. The Board retains control of these assets and may, at its discretion, subsequently use the assets for other purposes.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 4 CAPITAL ASSETS

During the year ended June 30, 2021, capital asset additions and disposals by type were as follows:

	<u>Balance July 1, 2020</u>	<u>Additions</u>	<u>Disposals</u>	<u>Transfers</u>	<u>Balance June 30, 2021</u>
Metro Park East					
Land	\$ 8,324,595	\$ 94,556	\$ —	\$ —	\$ 8,419,151
Building	14,482,180	1,419,025	—	43,503	15,944,708
Landfill improvements	2,476,970	—	—	—	2,476,970
Landfill cell development	31,429,489	—	—	—	31,429,489
Wetlands treatment facility	4,408,832	—	—	—	4,408,832
	<u>61,122,066</u>	<u>1,513,581</u>	<u>—</u>	<u>43,503</u>	<u>62,679,150</u>
Metro Park West					
Land	4,651,249	—	—	—	4,651,249
Land improvements	454,292	—	—	—	454,292
Building	264,114	—	—	—	264,114
Landfill cell development	3,372,533	—	—	—	3,372,533
	<u>8,742,188</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>8,742,188</u>
Metro Northwest Transfer Station					
Land	1,899,162	—	—	—	1,899,162
Building	9,443,464	—	—	—	9,443,464
Land improvements	3,928,184	—	—	—	3,928,184
	<u>15,270,810</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>15,270,810</u>
Transfer Station					
Land	89,221	—	—	—	89,221
Land improvements	217,642	—	—	—	217,642
Building	5,036,064	—	—	—	5,036,064
	<u>5,342,927</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>5,342,927</u>
Metro Compost Center					
Leasehold improvements	1,507,780	—	—	—	1,507,780
Regional Collection Center					
Land	168,896	—	—	—	168,896
Building	3,097,573	84,300	—	—	3,181,873
	<u>3,266,469</u>	<u>84,300</u>	<u>—</u>	<u>—</u>	<u>3,350,769</u>
300 East Locust					
Land	498,000	—	—	—	498,000
Building	7,735,474	66,082	(24,222)	—	7,777,334
	<u>8,233,474</u>	<u>66,082</u>	<u>(24,222)</u>	<u>—</u>	<u>8,275,334</u>
Automobiles, trucks and other equipment					
Office equipment - Central Office and Landfills	1,647,787	66,761	—	—	1,714,548
Disposal	23,607,878	1,007,592	(623,340)	72,762	24,064,892
Transfer Station	5,628,042	1,273,168	(154,289)	—	6,746,921
Regional Collection Center	791,501	—	—	—	791,501
Recycling	4,384,886	—	—	776,733	5,161,619
Compost Facility	3,588,815	—	—	—	3,588,815
Metro Northwest Transfer Station	1,612,486	190,607	—	—	1,803,093
	<u>41,261,395</u>	<u>2,538,128</u>	<u>(777,629)</u>	<u>849,495</u>	<u>43,871,389</u>
Construction in progress	2,718,519	20,578,700	(156,044)	(892,998)	22,248,177
Totals	147,465,628	24,780,791	(957,895)	—	171,288,524
Less accumulated depreciation and amortization	(82,500,281)	(8,017,894)	559,461	—	(89,958,714)
Net capital assets	\$ 64,965,347	\$ 16,762,897	\$ (398,434)	\$ —	\$ 81,329,810

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 4 CAPITAL ASSETS (continued)

During the year ended June 30, 2020, capital asset additions and disposals by type were as follows:

	<u>Balance July 1, 2019</u>	<u>Additions</u>	<u>Disposals</u>	<u>Transfers</u>	<u>Balance June 30, 2020</u>
Metro Park East					
Land	\$ 8,324,595	\$ —	\$ —	\$ —	\$ 8,324,595
Building	14,482,180	—	—	—	14,482,180
Landfill improvements	2,476,970	—	—	—	2,476,970
Landfill cell development	25,126,795	—	—	6,302,694	31,429,489
Wetlands treatment facility	4,408,832	—	—	—	4,408,832
	<u>54,819,372</u>	<u>—</u>	<u>—</u>	<u>6,302,694</u>	<u>61,122,066</u>
Metro Park West					
Land	4,651,249	—	—	—	4,651,249
Land improvements	440,357	13,935	—	—	454,292
Building	264,114	—	—	—	264,114
Landfill cell development	3,372,533	—	—	—	3,372,533
	<u>8,728,253</u>	<u>13,935</u>	<u>—</u>	<u>—</u>	<u>8,742,188</u>
Metro Northwest Transfer Station					
Land	1,899,162	—	—	—	1,899,162
Building	9,443,464	—	—	—	9,443,464
Land improvements	3,928,184	—	—	—	3,928,184
	<u>15,270,810</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>15,270,810</u>
Transfer Station					
Land	89,221	—	—	—	89,221
Land improvements	217,642	—	—	—	217,642
Building	5,036,064	—	—	—	5,036,064
	<u>5,342,927</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>5,342,927</u>
Metro Compost Center					
Leasehold improvements	1,507,780	—	—	—	1,507,780
Regional Collection Center					
Land	168,896	—	—	—	168,896
Building	3,056,843	40,730	—	—	3,097,573
	<u>3,225,739</u>	<u>40,730</u>	<u>—</u>	<u>—</u>	<u>3,266,469</u>
300 East Locust					
Land	498,000	—	—	—	498,000
Building	7,664,991	70,483	—	—	7,735,474
	<u>8,162,991</u>	<u>70,483</u>	<u>—</u>	<u>—</u>	<u>8,233,474</u>
Automobiles, trucks and other equipment					
Office equipment - Central Office and Landfills	1,551,539	48,924	—	47,324	1,647,787
Disposal	22,638,612	1,080,525	(111,259)	—	23,607,878
Transfer Station	4,888,740	1,249,624	(510,322)	—	5,628,042
Regional Collection Center	680,273	33,198	—	78,030	791,501
Recycling	4,384,886	—	—	—	4,384,886
Compost Facility	2,640,549	948,266	—	—	3,588,815
Metro Northwest Transfer Station	1,095,531	466,777	—	50,178	1,612,486
	<u>37,880,130</u>	<u>3,827,314</u>	<u>(621,581)</u>	<u>175,532</u>	<u>41,261,395</u>
Construction in progress	2,906,413	6,297,376	(7,044)	(6,478,226)	2,718,519
Totals	137,844,415	10,249,838	(628,625)	—	147,465,628
Less accumulated depreciation and amortization	(75,013,289)	(8,108,568)	621,576	—	(82,500,281)
Net capital assets	\$ 62,831,126	\$ 2,141,270	\$ (7,049)	\$ —	\$ 64,965,347

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 4 CAPITAL ASSETS (continued)

Land with a carrying value of approximately \$9,535,000 and \$9,415,000 was not used in the landfill operations as of June 30, 2021 and 2020, respectively. Of this amount, approximately \$8,302,000 and \$7,500,000 was leased or farmed as farmland as of June 30, 2021 and 2020, respectively.

The Authority has entered into various construction contracts. The unpaid contract balances as of June 30, 2021 totaled approximately \$6,560,000 which will be paid from cash and investment reserves and other sources.

NOTE 5 NOTES PAYABLE

Notes payable at June 30, 2021 and 2020 are summarized as follows:

	<u>2021</u>	<u>2020</u>
General Obligation Capital Loan Notes Series 2020A	\$22,110,000	\$22,350,000
General Obligation Capital Loan Notes Series 2020B	<u>6,195,000</u>	<u>8,165,000</u>
	28,305,000	30,515,000
Less current portion	(2,420,000)	(2,210,000)
Plus unamortized bond premium	<u>1,812,950</u>	<u>2,074,637</u>
Long-term debt	<u>\$27,697,950</u>	<u>\$30,379,637</u>

General Obligation Capital Loan Notes, Series 2020

In June 2020, Polk County, Iowa issued General Obligation Capital Loan Notes, Series 2020A and 2020B of which \$22,350,000 and \$8,165,000, respectively, were allocable to the Authority. Proceeds from the notes will be used by the Authority to repay previous loan obligations and finance the Material Recovery Facility project. The Authority has pledged future net revenues to repay the Notes. The Notes require several covenants, including maintaining net revenues of at least 125% of the amount of principal and interest due annually and maintaining 75 days of unrestricted cash on hand at all times. The loans bear interest at rates ranging from 2% to 5%.

Principal and interest maturities of the notes payable at June 30, 2021 are summarized as follows:

<u>Year ending June 30</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2022	\$ 2,420,000	\$ 881,900	\$ 3,301,900
2023	2,630,000	821,650	3,451,650
2024	2,850,000	752,100	3,602,100
2025	960,000	672,750	1,632,750
2026	1,010,000	624,750	1,634,750
2027-2031	5,715,000	2,454,800	8,169,800
2032-2036	6,650,000	1,521,000	8,171,000
2037-2040	<u>6,070,000</u>	<u>462,000</u>	<u>6,532,000</u>
Totals	<u>\$28,305,000</u>	<u>\$8,190,950</u>	<u>\$36,495,950</u>

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 5 NOTES PAYABLE (continued)

A summary of changes in notes payable for the year ended June 30, 2021 follows:

	<u>Beginning balance</u>	<u>Additions</u>	<u>Principal payments</u>	<u>Ending balance</u>	<u>Amounts due within one year</u>
GO Capital Loan Notes, Series 2020A	\$22,350,000	\$ —	\$ 240,000	\$22,110,000	\$ 395,000
GO Capital Loan Notes, Series 2020B	<u>8,165,000</u>	<u>—</u>	<u>1,970,000</u>	<u>6,195,000</u>	<u>2,025,000</u>
Totals	<u>\$30,515,000</u>	<u>\$ —</u>	<u>\$2,210,000</u>	<u>\$28,305,000</u>	<u>\$2,420,000</u>

A summary of changes in notes payable for the year ended June 30, 2020 follows:

	<u>Beginning balance</u>	<u>Additions</u>	<u>Principal payments</u>	<u>Ending balance</u>	<u>Amounts due within one year</u>
Taxable Revenue Note, Series 2014	\$8,222,058	\$ —	\$8,222,058	\$ —	\$ —
Note payable	<u>734,267</u>	<u>—</u>	<u>734,267</u>	<u>—</u>	<u>—</u>
GO Capital Loan Notes, Series 2020A	<u>—</u>	<u>22,350,000</u>	<u>—</u>	<u>22,350,000</u>	<u>240,000</u>
GO Capital Loan Notes, Series 2020B	<u>—</u>	<u>8,165,000</u>	<u>—</u>	<u>8,165,000</u>	<u>1,970,000</u>
Totals	<u>\$8,956,325</u>	<u>\$30,515,000</u>	<u>\$8,956,325</u>	<u>\$30,515,000</u>	<u>\$2,210,000</u>

NOTE 6 OPERATING LEASES

The Authority leases office space in its administrative building at 300 East Locust to various tenants under operating leases. At June 30, 2021, approximate future minimum lease payments receivable from noncancelable operating leases are as follows:

Year ending June 30

2022	\$ 367,556
2023	163,081
2024	<u>160,627</u>
	<u>\$ 691,264</u>

NOTE 7 CLOSURE AND POSTCLOSURE CARE COSTS

To comply with federal and state regulations, the Authority is required to complete a monitoring system plan and a closure/postclosure plan and to provide funding necessary to effect closure and postclosure care, including the proper monitoring and care of the landfill after closure. Environmental Protection Agency (EPA) requirements have established closure and thirty-year postclosure care requirements for all municipal solid waste landfills that receive waste after October 9, 1993. State governments are primarily responsible for implementation and enforcement of those requirements and have been given flexibility to tailor requirements to accommodate local conditions that exist. The effect of the EPA requirements is to commit landfill owners to perform certain closing functions and postclosure monitoring functions as a condition for the right to operate the landfill in the current period. The EPA requirements provide that when a landfill stops accepting waste, it must be covered with a minimum of twenty-four inches of earth to keep liquid away from the buried waste. Once the landfill is closed, the owner is responsible for maintaining the final cover, monitoring ground water and methane gas, and collecting and treating leachate (the liquid that drains out of waste) for thirty years.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 7 CLOSURE AND POSTCLOSURE CARE COSTS (continued)

The Authority is required to estimate total landfill closure and postclosure care costs and recognize a portion of these costs each year based on the percentage of estimated total landfill capacity used that period. Estimated total costs would consist of four components: (1) the cost of equipment and facilities used in postclosure monitoring and care, (2) the cost of final cover (material and labor), (3) the cost of monitoring the landfill during the postclosure period and (4) the cost of any environmental cleanup required after closure. Estimated total cost is based on the cost to purchase those services and equipment currently and is required to be updated annually for changes due to inflation or deflation, technology, or applicable laws or regulations.

The Authority's estimated closure and postclosure care liabilities are as follows as of June 30, 2021 and 2020:

	June 30	
	2021	2020
Postclosure care	\$ 8,811,102	\$ 8,283,166
Landfill closure	<u>9,730,300</u>	<u>8,775,823</u>
Totals	<u>\$18,541,402</u>	<u>\$17,058,989</u>

The provision for landfill closure and postclosure care costs recognized for the years ended June 30, 2021 and 2020 is as follows:

	Year ended June 30	
	2021	2020
Provision for postclosure care	\$ 565,081	\$ 113,900
Provision for landfill closure	<u>954,477</u>	<u>756,551</u>
Totals	<u>\$1,519,558</u>	<u>\$ 870,451</u>

The total closure and postclosure care costs for Metro Waste Authority have been estimated at approximately \$22,310,000 as of June 30, 2021, and the portion of the liability that has been recognized is \$18,541,402. This liability represents the cumulative amount reported to date based on the use of approximately 80 percent of the capacity of the developed landfill less payments for cell closure, with a remaining life of approximately 2.92 years. A provision for the above liability has been made on the Authority's statements of net position as of June 30, 2021 and 2020. The Authority has accumulated resources to fund these costs. They are included in assets whose use is limited on the statements of net position and total \$18,541,402 and \$17,058,989 as of June 30, 2021 and 2020, respectively.

NOTE 8 TRANSFER STATION CLOSURE CARE

To comply with state regulations, the Authority is required to complete a closure plan detailing how the transfer station will comply with proper disposal of all solid waste and litter at the site, cleaning the transfer station building, including the rinsing of all surfaces which have come in contact with solid waste or washwater, cleaning of all solid waste transport vehicles which will remain on site, including the rinsing of all surfaces which have come in contact with solid waste, and the removal and proper management of all washwater in the washwater management system.

To comply with state regulations, the Authority is required to maintain a closure account as financial assurance for the closure care costs. The effect of the state requirement is to commit landfill owners to perform certain closing functions as a condition for the right to operate the transfer station.

The total closure care costs for the Authority as of June 30, 2021 and 2020 have been estimated at \$320,000. The balance has been restricted and is fully funded at June 30, 2021 and 2020.

Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS

NOTE 9 SOLID WASTE TONNAGE FEES RETAINED

The Authority has established an account for restricting and using solid waste tonnage fees retained by the Authority in accordance with Chapter 455B.310 of the Code of Iowa. As of June 30, 2021 and 2020, there were no unspent amounts retained by the Authority.

NOTE 10 PENSION PLAN

Plan Description

IPERS is a cost-sharing multiple employer defined benefit pension plan administered by Iowa Public Employees' Retirement System. Membership is mandatory for employees of the Authority, except for those covered by another retirement system. IPERS issues a stand-alone financial report which is available to the public by mail at P.O. Box 9117, Des Moines, Iowa 50306-9117 or at www.ipers.org.

IPERS benefits are established under Iowa Code Chapter 97B and the administrative rules thereunder. Chapter 97B and the administrative rules are the official plan documents. The following brief description is provided for general informational purposes only. Refer to the plan documents for more information.

Pension Benefits

A regular member may retire at normal retirement age and receive monthly benefits without an early-retirement reduction. Normal retirement age is age 65, any time after reaching age 62 with 20 or more years of covered employment, or when the member's years of service plus the member's age at the last birthday equals or exceeds 88, whichever comes first. These qualifications must be met on the member's first month of entitlement to benefits. Members cannot begin receiving retirement benefits before age 55. The formula used to calculate a regular member's monthly IPERS benefit includes:

- A multiplier (based on years of service).
- The member's highest five-year average salary. (For members with service before June 30, 2012, the highest three-year average salary as of that date will be used if it is greater than the highest five-year average salary.)

If a member retires before normal retirement age, the member's monthly retirement benefit will be permanently reduced by an early-retirement reduction. The early-retirement reduction is calculated differently for service earned before and after July 1, 2012. For service earned before July 1, 2012, the reduction is 0.25% for each month that the member receives benefits before the member's earliest normal retirement age. For service earned starting July 1, 2012, the reduction is 0.50% for each month that the member receives benefits before age 65.

Generally, once a member selects a benefit option, a monthly benefit is calculated and remains the same for the rest of the member's lifetime. However, to combat the effects of inflation, retirees who began receiving benefits prior to July 1990 receive a guaranteed dividend with their regular November benefit payments.

Disability and Death Benefits

A vested member who is awarded federal Social Security disability or Railroad Retirement disability benefits is eligible to claim IPERS benefits regardless of age. Disability benefits are not reduced for early retirement. If a member dies before retirement, the member's beneficiary will receive a lifetime annuity or a lump-sum payment equal to the present actuarial value of the member's accrued benefit or calculated with a set formula, whichever is greater. When a member dies after retirement, death benefits depend on the benefit option the member selected at retirement.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 10 PENSION PLAN (continued)

Contributions

Contribution rates are established by IPERS following the annual actuarial valuation, which applies IPERS' Contribution Rate Funding Policy and Actuarial Amortization Method. State statute limits the amount rates can increase or decrease each year to 1 percentage point. IPERS Contribution Rate Funding Policy requires that the actuarial contribution rate be determined using the "entry age normal" actuarial cost method and the actuarial assumptions and methods approved by the IPERS Investment Board. The actuarial contribution rate covers normal cost plus the unfunded actuarial liability payment based on a 30-year amortization period. The payment to amortize the unfunded actuarial liability is determined as a level percentage of payroll, based on the Actuarial Amortization Method adopted by the Investment Board.

In fiscal years 2021 and 2020, pursuant to the required rate, regular members contributed 6.29% of covered payroll and the Authority contributed 9.44% for a total rate of 15.73%.

The Authority's contributions to IPERS for the years ended June 30, 2021 and 2020 were \$556,799 and \$524,669, respectively.

Net Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2021 and 2020, the Authority reported a liability of \$4,877,222 and \$4,063,966, respectively, for its proportionate share of the net pension liability. The Authority's net pension liability was measured as of June 30, 2020 and 2019, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of those dates. The Authority's proportion of the net pension liability was based on the Authority's share of contributions to the pension plan relative to the contributions of all IPERS participating employers. The following table summarizes the change in the Authority's proportionate share:

	<u>Measurement Date</u>		
	<u>June 30</u>		
	<u>2020</u>	<u>2019</u>	<u>Change</u>
Authority's proportionate share	0.069429%	0.070181%	(0.000752)%
	<u>Measurement Date</u>		
	<u>June 30</u>		
	<u>2019</u>	<u>2018</u>	<u>Change</u>
Authority's proportionate share	0.070181%	0.071320%	(0.001139)%

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 10 PENSION PLAN (continued)

Net Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions (continued)

For the years ended June 30, 2021 and 2020, the Authority recognized pension expense of \$737,800 and \$599,187, respectively. At June 30, 2021 and 2020, the Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Pension Related Deferred			
	Outflows of Resources		Inflows of Resources	
	2021	2020	2021	2020
Difference between expected and actual experience	\$ 5,389	\$ 11,266	\$ 115,603	\$ 146,119
Change in assumptions	250,346	435,309	—	—
Net difference between projected and actual earnings on pension plan investments	274,177	—	—	457,960
Change in proportion and difference between Authority contributions and proportionate share of contributions	15,262	18,033	71,739	102,823
Authority contributions subsequent to the measurement date	<u>556,799</u>	<u>524,669</u>	<u>—</u>	<u>—</u>
Totals	<u>\$1,101,973</u>	<u>\$ 989,277</u>	<u>\$ 187,342</u>	<u>\$ 706,902</u>

\$556,799 and \$524,669 reported as deferred outflows of resources related to pensions resulting from the Authority contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the years ended June 30, 2021 and 2021, respectively. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ending June 30,

2022	\$ 48,338
2023	80,257
2024	78,503
2025	151,148
2026	<u>(415)</u>
Totals	<u>\$ 357,831</u>

There were no non-employer contributing entities at IPERS.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 10 PENSION PLAN (continued)

Actuarial Assumptions

The total pension liability in the June 30, 2020 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Rate of inflation (effective June 30, 2017)	2.60% per annum.
Rates of salary increase (effective June 30, 2017)	3.25 to 16.25% average, including inflation. Rates vary by membership group.
Long-term investment rate of return (effective June 30, 2017)	7.00% compounded annually, net of investment expense, including inflation.
Wage growth (effective June 30, 2017)	3.25% per annum, based on 2.60% inflation and 0.65% real wage inflation.

The actuarial assumptions used in the June 30, 2020 valuation were based on the results of an economic assumption study dated March 24, 2017 and a demographic assumption study dated June 28, 2018.

Mortality rates used in the 2020 valuation were based on the RP-2014 Employee and Healthy Annuitant Tables with MP-2017 generational adjustments.

The long-term expected rate of return on IPERS' investments was determined using a building-block method in which best-estimate ranges of expected future real rates (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

<u>Asset Class</u>	<u>Asset Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Core Plus Fixed Income	28.0%	(0.29)%
Domestic Equity	22.0	4.43
International Equity	17.5	5.15
Private Equity	11.0	6.54
Private Real Assets	7.5	4.48
Public Credit	4.0	2.29
Private Credit	3.0	3.11
Global Smart Beta equity	6.0	4.87
Cash	<u>1.0</u>	(0.78)
Total	<u>100.0%</u>	

Discount Rate

The discount rate used to measure the total pension liability was 7.0%. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the contractually required rate and that contributions from the Authority will be made at contractually required rates, actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS**

NOTE 10 PENSION PLAN (continued)

Sensitivity of the Authority's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents the Authority's proportionate share of the net pension liability calculated using the discount rate of 7.0%, as well as what the Authority's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1% lower (6.0%) or 1% higher (8.0%) than the current rate.

	1% Decrease (6.0%)	Discount Rate (7.0%)	1% Increase (8.0%)
Authority's proportionate share of the net pension liability as of June 30, 2021	<u>\$8,132,356</u>	<u>\$4,877,222</u>	<u>\$2,147,842</u>
Authority's proportionate share of the net pension liability as of June 30, 2020	<u>\$7,216,291</u>	<u>\$4,063,966</u>	<u>\$1,419,830</u>

Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in the separately issued IPERS financial report which is available on IPERS' website at www.ipers.org.

Payables to the Pension Plan

At June 30, 2021 and 2020, the Authority reported payables to the defined benefit pension plan of approximately \$72,000 and \$60,000, respectively, for legally required employer contributions and approximately \$48,000 and \$40,000, respectively, for legally required employee contributions which had been withheld from employee wages but not yet remitted to IPERS.

NOTE 11 RISK MANAGEMENT

The Authority is exposed to various risks of loss related to torts; theft, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. These risks are covered by the purchase of commercial insurance. Settled claims from these risks have not exceeded commercial insurance coverage in any of the past three fiscal years. The Authority assumes liability for any deductibles and claims in excess of coverage limitations.

The Authority is a member of the Iowa Communities Assurance Pool, as allowed by Chapter 670.7 of the Code of Iowa. The Iowa Communities Assurance Pool (Pool) is a local government risk-sharing pool whose 785 members include various governmental entities throughout the State of Iowa. The Pool was formed in August 1986 for the purpose of managing and funding third-party liability claims against its members. The Pool provides coverage and protection in the following categories: general liability, automobile liability, automobile physical damage, public officials' liability, police professional liability, property, inland marine, and boiler/machinery. There have been no reductions in insurance coverage from prior years.

Each member's annual casualty contributions to the Pool fund current operations and provide capital. Annual casualty operating contributions are those amounts necessary to fund, on a cash basis, the Pool's general and administrative expenses, claims, claims expenses and reinsurance expenses estimated for the fiscal year, plus all or any portion of any deficiency in capital. Capital contributions are made during the first six years of membership and are maintained at a level determined by the Board not to exceed 300% of basis rates.

Metro Waste Authority
NOTES TO FINANCIAL STATEMENTS

NOTE 11 RISK MANAGEMENT (continued)

The Pool also provides property coverage. Members who elect such coverage make annual property operating contributions which are necessary to fund, on a cash basis, the Pool's general and administrative expenses, reinsurance premiums, losses and loss expenses for property risks estimated for the fiscal year, plus all or any portion of any deficiency in capital. Any year end operating surplus is transferred to capital. Deficiencies in operations are offset by transfers from capital and, if insufficient, by the subsequent year's member contributions.

The Authority's contributions to the risk pool are recorded as expenditures from its operating funds at the time of payment to the risk pool. The Authority's contributions to the Pool for the years ended June 30, 2021 and 2020 were \$296,690 and \$241,355, respectively.

The Pool uses reinsurance and excess risk-sharing agreements to reduce its exposure to large losses. The Pool retains general, automobile, police professional, and public officials' liability risks up to \$500,000 per claim. Claims exceeding \$500,000 are reinsured through reinsurance and excess risk-sharing agreements up to the amount of risk-sharing protection provided by the Authority's risk-sharing certificate. Property and automobile physical damage risks are retained by the Pool up to \$250,000 each occurrence, each location. Property risks exceeding \$250,000 are reinsured through reinsurance and excess risk-sharing agreements up to the amount of risk-sharing protection provided by the Authority's risk-sharing certificate.

The Pool's intergovernmental contract with its members provides that in the event a casualty claim, property loss or series of claims or losses exceeds the amount of risk-sharing protection provided by the Authority's risk-sharing certificate, or in the event a casualty claim, property loss or series of claims or losses exhausts the Pool's funds and any excess risk-sharing recoveries, then payment of such claims or losses shall be the obligation of the respective individual member against whom the claim was made or the loss was incurred.

The Authority does not report a liability for losses in excess of reinsurance or excess risk-sharing recoveries unless it is deemed probable such losses have occurred and the amount of such loss can be reasonably estimated. Accordingly, at June 30, 2021 and 2020, no liability has been recorded in the Authority's financial statements. As of June 30, 2021 and 2020, settled claims have not exceeded the risk pool or reinsurance coverage since the Pool's inception.

Members agree to continue membership in the Pool for a period of not less than one full year. After such period, a member who has given 60 days' prior written notice may withdraw from the Pool. Upon withdrawal, payments for all casualty claims and claims expenses become the sole responsibility of the withdrawing member, regardless of whether a claim was incurred or reported prior to the member's withdrawal. Upon withdrawal, a formula set forth in the Pool's intergovernmental contract with its members is applied to determine the amount (if any) to be refunded to the withdrawing member.

NOTE 12 CONTINGENCIES

The Authority is subject to constantly changing laws and regulations at both the federal and state levels. These regulations and related enforcement activities reflect a continuing public and governmental concern in providing for environmentally sound solid and chemical waste collection, transportation, storage, treatment and disposal practices. The impact of present and developing laws, regulations and enforcement activities upon the Authority's future capital and operating costs cannot reasonably be estimated, but management believes that such costs may be significant. In addition, there are a number of inherent risks and uncertainties in operating landfill, transfer station, regional collection and composting sites, with related environmental impact challenges possible. However, the future effect, if any, on the Authority cannot be foreseen at the present time.

The Authority is involved in litigation arising in the ordinary course of activities. While these cases may have future financial effect, management, based on the advice of counsel, believes that their ultimate outcome will not be material to the financial statements.

REQUIRED SUPPLEMENTARY INFORMATION

Metro Waste Authority
SCHEDULE OF THE AUTHORITY'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY
Iowa Public Employees' Retirement System
For the Last Seven Fiscal Years*
(In Thousands)
Required Supplementary Information

	June 30						
	2021	2020	2019	2018	2017	2016	2015
Authority's proportion of the net pension liability	.069429%	.070181%	.071320%	.070789%	.071600%	.071212%	.074213%
Authority's proportionate share of the net pension liability	\$4,877	\$4,064	\$4,513	\$4,715	\$4,506	\$3,518	\$2,943
Authority's covered payroll	\$5,898	\$5,558	\$5,341	\$5,384	\$5,383	\$5,248	\$4,928
Authority's proportionate share of the net pension liability as a percentage of its covered payroll	83%	73%	84%	88%	84%	67%	60%
IPERS' net position as a percentage of the total pension liability	83%	85%	83%	82%	81%	85%	88%

Note: In accordance with GASB Statement No. 68, the amounts presented for each fiscal year were determined as of June 30 of the preceding fiscal year.

* GASB Statement No. 68 requires ten years of information to be presented in this table. However, until a full ten-year trend is completed, the Authority will present information for those years for which information is available.

See accompanying notes to required supplementary information - pension liability.

Metro Waste Authority
SCHEDULE OF AUTHORITY PENSION CONTRIBUTIONS
Iowa Public Employees' Retirement System
(In Thousands)
Required Supplementary Information

	Year ended June 30			
	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
Statutorily required contribution	\$ 557	\$ 525	\$ 504	\$ 480
Contributions in relation to the statutorily required contribution	<u>557</u>	<u>525</u>	<u>504</u>	<u>480</u>
Contribution deficiency (excess)	\$ <u><u>—</u></u>	\$ <u><u>—</u></u>	\$ <u><u>—</u></u>	\$ <u><u>—</u></u>
Authority's covered payroll	\$5,898	\$5,558	\$5,341	\$5,384
Contributions as a percentage of covered payroll	9.4%	9.4%	9.4%	8.9%

See accompanying notes to required supplementary information - pension liability.

Year ended June 30					
<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>
\$ 473	\$ 463	\$ 439	\$ 434	\$ 404	\$ 363
<u>473</u>	<u>463</u>	<u>439</u>	<u>434</u>	<u>404</u>	<u>363</u>
\$ <u>—</u>	\$ <u>—</u>	<u>—</u>	\$ <u>—</u>	\$ <u>—</u>	\$ <u>—</u>
\$5,383	\$5,248	\$4,928	\$4,884	\$4,635	\$4,497
8.8%	8.8%	8.9%	8.9%	8.7%	8.1%

Metro Waste Authority
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION – PENSION LIABILITY
Year ended June 30, 2021

CHANGES OF BENEFIT TERMS

There are no significant changes in benefit terms.

CHANGES OF ASSUMPTIONS

The 2018 valuation implemented the following refinements as a result of a demographic assumption study dated June 28, 2018:

- Changed mortality assumptions to the RP-2014 mortality tables with mortality improvements modeled using Scale MP-2017.
- Adjusted retirement rates.
- Lowered disability rates.
- Adjusted the probability of a vested regular member electing to receive a deferred benefit.
- Adjusted the merit component of the salary increase assumption.

The 2017 valuation implemented the following refinements as a result of an experience study dated March 24, 2017:

- Decreased the inflation assumption from 3.00% to 2.60%.
- Decreased the assumed rate of interest on member accounts from 3.75% to 3.50% per year.
- Decreased the discount rate from 7.50% to 7.00%.
- Decreased the wage growth assumption from 4.00% to 3.25%.
- Decreased the payroll growth assumption from 4.00% to 3.25%.

The 2014 valuation implemented the following refinements as a result of a quadrennial experience study:

- Decreased the inflation assumption from 3.25% to 3.00%.
- Decreased the assumed rate of interest on member accounts from 4.00% to 3.75% per year.
- Adjusted male mortality rates for retirees in the regular membership group.
- Moved from an open 30 year amortization period to a closed 30 year amortization period for the Unfunded Actuarial Liability (UAL) beginning June 30, 2014. Each year thereafter, changes in the UAL from plan experience will be amortized on a separate closed 20 year period.

INDEPENDENT AUDITOR'S REPORT ON THE SUPPLEMENTARY INFORMATION

Board of Directors
Metro Waste Authority
Des Moines, Iowa

We have audited the financial statements of Metro Waste Authority as of and for the years ended June 30, 2021 and 2020, and our report thereon dated November 15, 2021, which expressed an unmodified opinion on those financial statements, appears on pages 4 and 5. Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The following supplementary information, is presented for the purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information, except for the portion marked "unaudited", has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplementary information is fairly stated in all material respects in relation to the financial statements as a whole. The information marked "unaudited" has not been subjected to the auditing procedures applied in the audits of the financial statements, and, accordingly, we do not express an opinion or provide any assurance on it. We previously audited the years ended June 30, 2011 through 2019, and expressed unmodified opinions on those financial statements.

DENMAN & COMPANY, LLP

West Des Moines, Iowa
November 15, 2021

Metro Waste Authority
COMBINING STATEMENT OF REVENUES AND EXPENSES, BY DEPARTMENT
Year ended June 30, 2021

	<u>Combined</u>	<u>Metro Park East Landfill</u>
REVENUES		
Tipping fees, service fees and rental revenue	\$44,140,809	\$16,890,949
EXPENSES		
Operating expenses (excluding depreciation and amortization)	26,761,728	6,010,936
Provision for landfill closure and postclosure care costs	<u>1,519,558</u>	<u>1,084,200</u>
Total operating expenses	<u>28,281,286</u>	<u>7,095,136</u>
Operating income (loss) before depreciation and amortization	<u>15,859,523</u>	<u>9,795,813</u>
DEPRECIATION AND AMORTIZATION		
Depreciation	5,651,441	2,504,295
Amortization	<u>2,366,453</u>	<u>2,262,542</u>
	<u>8,017,894</u>	<u>4,766,837</u>
Operating income (loss)	<u>7,841,629</u>	<u>5,028,976</u>
NONOPERATING REVENUES (EXPENSES)		
Farm income, net of related expenses	203,925	201,261
Grant revenue	22,500	22,500
Investment income (loss)	(43,317)	—
Gain on sale of capital assets	12,025	—
Interest expense	(737,327)	—
Other	<u>140,036</u>	<u>13,470</u>
Total nonoperating revenues (expenses)	<u>(402,158)</u>	<u>237,231</u>
Increase (decrease) in net position	<u>\$ 7,439,471</u>	<u>\$ 5,266,207</u>

*Included in administration is activity of the central office, grant programs, engineering studies, and other miscellaneous Authority activity.

<u>Metro Park West Landfill</u>	<u>Metro Transfer Station</u>	<u>Metro Compost Center</u>	<u>Regional Collection Center</u>	<u>Recycling</u>	<u>Rental- 300 East Locust</u>	<u>Administration*</u>
\$1,528,671	\$10,628,816	\$3,381,325	\$ 911,893	\$4,815,944	\$ 660,079	\$5,323,132
748,348	2,953,235	2,663,590	1,098,974	5,048,747	464,181	7,773,717
435,358	—	—	—	—	—	—
<u>1,183,706</u>	<u>2,953,235</u>	<u>2,663,590</u>	<u>1,098,974</u>	<u>5,048,747</u>	<u>464,181</u>	<u>7,773,717</u>
344,965	7,675,581	717,735	(187,081)	(232,803)	195,898	(2,450,585)
401,378	1,949,376	250,703	153,950	95,184	202,534	94,021
103,911	—	—	—	—	—	—
<u>505,289</u>	<u>1,949,376</u>	<u>250,703</u>	<u>153,950</u>	<u>95,184</u>	<u>202,534</u>	<u>94,021</u>
(160,324)	5,726,205	467,032	(341,031)	(327,987)	(6,636)	(2,544,606)
2,664	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	(43,317)
—	—	—	—	—	—	12,025
—	(99,532)	—	—	(637,795)	—	—
—	—	—	99	—	—	126,467
<u>2,664</u>	<u>(99,532)</u>	<u>—</u>	<u>99</u>	<u>(637,795)</u>	<u>—</u>	<u>95,175</u>
\$ (157,660)	\$ 5,626,673	\$ 467,032	\$ (340,932)	\$ (965,782)	\$ (6,636)	\$ (2,449,431)

Metro Waste Authority
COMBINING SUMMARY OF OPERATING EXPENSES, EXCLUDING
DEPRECIATION AND AMORTIZATION, BY DEPARTMENT
Year ended June 30, 2021

	<u>Combined</u>	<u>Metro Park East Landfill</u>
Salaries	\$ 5,943,565	\$2,074,338
Payroll taxes	452,121	155,360
Benefits	1,814,657	661,871
Site maintenance	550,899	228,237
Recycling programs	8,998,730	—
Vehicle repairs and maintenance	1,597,365	777,604
Vehicle fuel	790,151	429,418
Computer maintenance	214,524	34,238
Minor equipment	61,344	40,640
Professional services	506,975	61
Engineering services	234,840	127,539
Graphics design/contract printing	87,651	3,294
Contract disposal	530,534	199,630
Property taxes and host fees	337,537	110,624
Telephone and utilities	338,831	125,003
Building and office supplies	344,048	122,775
Advertising	347,859	29,869
Travel	19,105	3,217
Postage	8,253	780
Credit card discount	410,688	410,688
Miscellaneous	59,581	2,999
Insurance	281,972	99,901
Leachate processing	477,877	372,526
Machinery and equipment rental	598	324
Office and facilities rent	172,800	—
Yard waste collection and bags	2,149,230	—
Community cleanup grants	28,856	—
Environmental Management System	<u>1,137</u>	<u>—</u>
Total operating expenses, excluding depreciation and amortization	<u>\$26,761,728</u>	<u>\$6,010,936</u>

*Included in administration is activity of the central office, grant programs, engineering studies, and other miscellaneous Authority activity.

Metro Park West Landfill	Metro Transfer Station	Metro Compost Center	Regional Collection Center	Recycling	Rental- 300 East Locust	Administration*
\$ 290,798	\$1,321,532	\$ 167,263	\$ 432,111	\$ 467,484	\$ —	\$1,190,039
23,158	105,898	17,853	31,464	35,241	—	83,147
85,273	367,482	50,930	149,903	149,325	—	349,873
18,726	99,765	3,970	33,165	10,949	155,308	779
—	—	—	—	4,008,001	—	4,990,729
51,357	545,240	137,687	10,949	47,094	—	27,434
31,489	297,245	18,446	8,476	—	—	5,077
—	20,759	237	4,263	—	—	155,027
2,211	3,260	112	7,021	8,100	—	—
—	—	—	—	32,141	—	474,773
86,105	4,256	—	—	—	—	16,940
285	—	4,671	—	73,418	—	5,983
—	—	—	224,716	105,223	965	—
—	43,694	—	18,335	—	164,884	—
18,274	62,831	7,078	32,004	—	57,256	36,385
13,270	33,336	379	55,416	1,811	51,345	65,716
754	874	85,047	58,949	95,289	—	77,077
794	223	—	214	966	—	13,691
714	—	—	—	876	—	5,883
—	—	—	—	—	—	—
301	2,589	703	1,607	217	388	50,777
19,440	44,251	19,984	30,155	12,612	34,035	21,594
105,351	—	—	—	—	—	—
48	—	—	226	—	—	—
—	—	—	—	—	—	172,800
—	—	2,149,230	—	—	—	—
—	—	—	—	—	—	28,856
—	—	—	—	—	—	1,137
<u>\$ 748,348</u>	<u>\$2,953,235</u>	<u>\$2,663,590</u>	<u>\$1,098,974</u>	<u>\$5,048,747</u>	<u>\$ 464,181</u>	<u>\$7,773,717</u>

**Metro Waste Authority
SUMMARY OF HISTORICAL OPERATING INFORMATION**

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>Year ended 2018</u>
REVENUES	\$44,140,809	\$40,902,064	\$37,793,275	\$37,672,758
EXPENSES				
Operating expenses (excluding depreciation and amortization)	26,761,728	25,003,038	24,387,973	23,165,492
Provision for landfill closure and postclosure care costs	<u>1,519,558</u>	<u>870,451</u>	<u>3,102,483</u>	<u>3,225,229</u>
Operating income before depreciation and amortization	<u>15,859,523</u>	<u>15,028,575</u>	<u>10,302,819</u>	<u>11,282,037</u>
DEPRECIATION AND AMORTIZATION				
Depreciation	5,651,441	5,457,131	5,442,460	5,164,811
Amortization	<u>2,366,453</u>	<u>2,651,437</u>	<u>957,452</u>	<u>1,081,891</u>
	<u>8,017,894</u>	<u>8,108,568</u>	<u>6,399,912</u>	<u>6,246,702</u>
Operating income	<u>7,841,629</u>	<u>6,920,007</u>	<u>3,902,907</u>	<u>5,035,335</u>
NONOPERATING REVENUES (EXPENSES)				
Farm income, net of related expenses	203,925	1,845	44,876	91,946
Investment income (loss)	(43,317)	800,220	1,512,896	136,672
Gain (loss) on sale of capital assets	12,025	127,965	2,456	126,099
Interest expense	(737,327)	(341,560)	(395,075)	(418,164)
Debt issuance costs	—	(782,367)	—	—
Other	<u>162,536</u>	<u>254,590</u>	<u>62,506</u>	<u>70,523</u>
Total nonoperating revenues (expenses)	<u>(402,158)</u>	<u>60,693</u>	<u>1,227,659</u>	<u>7,076</u>
Increase in net position	<u>\$ 7,439,471</u>	<u>\$ 6,980,700</u>	<u>\$ 5,130,566</u>	<u>\$ 5,042,411</u>
Percent increase (decrease) from prior period				
Revenues	7.92%	8.23%	0.32%	4.42%
Operating expenses excluding depreciation and amortization	7.03%	2.52%	5.28%	2.08%
Provision for depreciation and amortization	(1.12)%	26.70%	2.45%	(8.32)%
Tonnage delivered to landfill (unaudited)	805,920	792,966	741,382	750,706
Compost tonnage (unaudited)	45,185	40,865	34,783	35,128

* During 2016, the Authority opened new cells at Metro Park East and Metro Park West and introduced a new method of compacting. These activities increased the capacity of the landfill and decreased costs.

June 30						
2017	2016*	2015	2014	2013	2012	2011
\$36,078,013	\$34,651,660	\$33,097,552	\$30,622,815	\$26,865,810	\$26,118,067	\$24,709,213
22,694,201	22,663,100	20,991,551	21,069,975	19,084,041	17,871,941	16,227,319
<u>1,492,485</u>	<u>(1,640,601)</u>	<u>1,300,385</u>	<u>1,548,092</u>	<u>1,543,947</u>	<u>1,351,195</u>	<u>1,768,088</u>
<u>11,891,327</u>	<u>13,629,161</u>	<u>10,805,616</u>	<u>8,004,748</u>	<u>6,237,822</u>	<u>6,894,931</u>	<u>6,713,806</u>
4,909,781	4,231,989	4,176,241	3,877,283	3,513,636	3,877,884	3,445,727
<u>1,903,815</u>	<u>1,383,954</u>	<u>1,326,790</u>	<u>1,862,711</u>	<u>1,794,940</u>	<u>1,873,668</u>	<u>1,880,017</u>
<u>6,813,596</u>	<u>5,615,943</u>	<u>5,503,031</u>	<u>5,739,994</u>	<u>5,308,576</u>	<u>5,751,552</u>	<u>5,325,744</u>
<u>5,077,731</u>	<u>8,013,218</u>	<u>5,302,585</u>	<u>2,264,754</u>	<u>929,246</u>	<u>1,143,379</u>	<u>1,388,062</u>
213,447	101,745	68,180	21,439	102,095	184,253	50,372
3,634	717,082	565,037	474,451	(344,085)	416,862	325,172
(123,018)	—	267,062	(238,539)	8,640	30,509	8,312
(453,663)	(493,018)	(534,252)	(144,913)	(161,084)	(196,526)	(227,012)
—	—	—	—	—	—	—
<u>207,610</u>	<u>4,333</u>	<u>9,856</u>	<u>7,519</u>	<u>26,079</u>	<u>21,669</u>	<u>108,359</u>
<u>(151,990)</u>	<u>330,142</u>	<u>375,883</u>	<u>119,957</u>	<u>(368,355)</u>	<u>456,767</u>	<u>265,203</u>
<u>\$ 4,925,741</u>	<u>\$ 8,343,360</u>	<u>\$ 5,678,468</u>	<u>\$ 2,384,711</u>	<u>\$ 560,891</u>	<u>\$ 1,600,146</u>	<u>\$ 1,653,265</u>
4.12%	4.69%	8.08%	13.98%	2.86%	5.70%	9.93%
0.14%	7.96%	(0.37)%	10.37%	6.78%	10.13%	4.77%
21.33%	2.05%	(4.13)%	8.13%	(7.70)%	8.00%	(2.93)%
710,050	685,898	673,870	629,003	575,553	551,228	561,792
35,479	47,221	48,747	35,566	32,611	32,937	32,569

**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON
AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE
WITH GOVERNMENT AUDITING STANDARDS**

Board of Directors
Metro Waste Authority
Des Moines, Iowa

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of Metro Waste Authority as of and for the year ended June 30, 2021, and the related notes to financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated November 15, 2021.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Metro Waste Authority's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Authority's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Metro Waste Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Comments involving statutory and other legal matters about the Authority's operations for the year ended June 30, 2021 are based exclusively on knowledge obtained from procedures performed during our audit of the financial statements of the Authority. Since our audit was based on tests and samples, not all transactions that might have had an impact on the comments were necessarily audited. The comments involving statutory and other legal matters are not intended to constitute legal interpretations of those statutes.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

DENMAN & COMPANY, LLP

West Des Moines, Iowa
November 15, 2021

**Metro Waste Authority
SCHEDULE OF FINDINGS
Year ended June 30, 2021**

Part I—Findings Related to the Financial Statements

INTERNAL CONTROL DEFICIENCIES

No matters were noted.

INSTANCES OF NONCOMPLIANCE

No matters were noted.

**Metro Waste Authority
SCHEDULE OF FINDINGS (continued)
Year ended June 30, 2021**

Part II—Findings Related to Required Statutory Reporting

21-ii-A QUESTIONABLE EXPENSES

No expenses we believe may not meet the requirements of public purpose as defined in an Attorney General's opinion dated April 25, 1979 were noted.

21-ii-B TRAVEL EXPENSE

No expenditures of Authority money for travel expenses of spouses of Authority officials or employees were noted.

21-ii-C RESTRICTED DONOR ACTIVITY

No transactions were noted between the Authority, Authority officials, Authority employees and restricted donors, in compliance with Chapter 65B of the Code of Iowa.

21-ii-D BOARD MINUTES

No transactions were found that we believe should have been approved in the Authority minutes but were not.

21-ii-E DEPOSITS AND INVESTMENTS

No instances of noncompliance with the deposit and investment provisions of Chapters 12B and 12C of the Code of Iowa and the Authority's investment policy were noted.

21-ii-F SOLID WASTE FEES RETAINAGE

No instances of noncompliance with the solid waste fees used or retained in accordance with Chapter 455B.310 of the Code of Iowa were noted.

21-ii-G FINANCIAL ASSURANCE

The Authority has elected to demonstrate financial assurance for closure and postclosure care by establishing a local government dedicated fund and through the local government financial test mechanism, both as provided in Chapter 567-113.14(6) of the Iowa Administration Code (IAC). The local government financial test mechanism is in place to assure those costs not covered by the dedicated fund mechanism. Financial assurance, as submitted to the Iowa Department of Natural Resources on April 1, 2021, is demonstrated as follows:

	<u>Closure/ Postclosure Care</u>
Total estimated costs for closure and postclosure care	\$22,306,600
Less: Amount Authority has restricted for closure and postclosure care (dedicated fund mechanism)	<u>17,058,989</u>
Remaining costs to be assured through the local government financial test	\$ <u>5,247,611</u>
Financial assurance through the local government financial test	\$ <u>5,247,611</u>

Metro Waste Authority Board**Monthly Board Meeting****December 15, 2021****Agenda Item 12**

ITEM:

Approval of contract with Ankeny Sanitation, Inc. (ASI) for solid waste and yard waste collection in Altoona, Bondurant, Clive, and Pleasant Hill.

SUMMARY:

A RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste in Alleman, Altoona, Ankeny, Bondurant, Carlisle, Clive, Elkhart, Grimes, Hartford, Johnston, Mingo, Mitchellville, Norwalk, Pleasant Hill, Polk City, Prairie City, Runnells, Unincorporated Polk County, Urbandale, West Des Moines, and Windsor Heights. Current contracts managed by Metro Waste Authority expire June 30, 2022, and the new contracts will begin July 1, 2022.

Solid waste, recycling, and yard waste services were bid by zones, bundling communities together to reach optimal housecount for hauler efficiency, thus pricing. There was an alternate bid to continue recycling as a stand alone service. After thorough evaluation, staff recommends one hauler for each solid waste and yard waste zone, and one hauler for recycling services for all 21 participating cities.

Responses were evaluated using the following criteria:

1. Qualifications and Experience with solid waste, recyclable waste, and yard waste collection and disposal
2. Demonstrated understanding of the scope of work and approach to the project
3. Customer service provided to past and existing customers
4. Staff and equipment availability, including capacity to perform scope of work
5. Proposed prices
6. Compliance with Draft Agreement "Municipal Solid Waste, Recycling, and Yard Waste Collection Services"
7. References and recommendations from current and prior customers
8. Completed RFP Forms

The RFP indicated no one hauler can be awarded more than two contracts, in order to ensure a competitive market in the future. Although price is one of several factors, it was a very important element in determining this recommendation and ASI was the lowest bid response price. The hauler also has extensive, successful experience offering these services in the metro.

DISCUSSION POINTS:

All participating communities have been notified of the new contract terms. All cities will vote on the MOUs (memorandum of understanding) by the end of January.

STAFF RECOMMENDATION:

Staff recommends approval

BUDGET REQUIREMENTS:

Solid waste and recycling collection costs are directly passed through to municipalities. Yard waste collection is budgeted through the Metro Compost Center budget and is paid for with revenue from the sale of Compost It! bags and stickers.

CONTACT:

Leslie Irlbeck, deputy director, 515.323.6501

Metro Waste Authority Board**Monthly Board Meeting****December 15, 2021****Agenda Item 13**

ITEM:

Approval of contract with Waste Connections for solid waste and yard waste collection in Carlisle, West Des Moines, and Windsor Heights.

SUMMARY:

A RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste in Alleman, Altoona, Ankeny, Bondurant, Carlisle, Clive, Elkhart, Grimes, Hartford, Johnston, Mingo, Mitchellville, Norwalk, Pleasant Hill, Polk City, Prairie City, Runnells, Unincorporated Polk County, Urbandale, West Des Moines, and Windsor Heights. Current contracts managed by Metro Waste Authority expire June 30, 2022, and the new contracts will begin July 1, 2022.

Solid waste, recycling, and yard waste services were bid by zones, bundling communities together to reach optimal housecount for hauler efficiency, thus pricing. There was an alternate bid to continue recycling as a stand alone service. After thorough evaluation, staff recommends one hauler for each solid waste and yard waste zone, and one hauler for recycling services for all 21 participating cities.

Responses were evaluated using the following criteria:

1. Qualifications and Experience with solid waste, recyclable waste, and yard waste collection and disposal
2. Demonstrated understanding of the scope of work and approach to the project
3. Customer service provided to past and existing customers
4. Staff and equipment availability, including capacity to perform scope of work
5. Proposed prices
6. Compliance with Draft Agreement "Municipal Solid Waste, Recycling, and Yard Waste Collection Services"
7. References and recommendations from current and prior customers
8. Completed RFP Forms

The RFP indicated no one hauler can be awarded more than two contracts, in order to ensure a competitive market in the future. MWA recommends Waste Connections, largely based on experience, price, and compliance with the draft agreement included in the RFP.

DISCUSSION POINTS:

All participating communities have been notified of the new contract terms. All cities will vote on the MOUs (memorandum of understanding) by the end of January.

STAFF RECOMMENDATION:

Staff recommends approval

BUDGET REQUIREMENTS:

Solid waste and recycling collection costs are directly passed through to municipalities. Yard waste collection is budgeted through the Metro Compost Center budget and is paid for with revenue from the sale of Compost It! bags and stickers.

CONTACT:

Leslie Irlbeck, deputy director, 515.323.6501

Metro Waste Authority Board**Monthly Board Meeting****December 15, 2021****Agenda Item 14**

ITEM:

Approval of contract with Ankeny Sanitation, Inc. (ASI) for solid waste and yard waste collection in Grimes, Johnston, Mitchellville, Norwalk, Polk City, and Runnells.

SUMMARY:

A RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste in Alleman, Altoona, Ankeny, Bondurant, Carlisle, Clive, Elkhart, Grimes, Hartford, Johnston, Mingo, Mitchellville, Norwalk, Pleasant Hill, Polk City, Prairie City, Runnells, Unincorporated Polk County, Urbandale, West Des Moines, and Windsor Heights. Current contracts managed by Metro Waste Authority expire June 30, 2022, and the new contracts will begin July 1, 2022.

Solid waste, recycling, and yard waste services were bid by zones, bundling communities together to reach optimal housecount for hauler efficiency, thus pricing. There was an alternate bid to continue recycling as a stand alone service. After thorough evaluation, staff recommends one hauler for each solid waste and yard waste zone, and one hauler for recycling services for all 21 participating cities.

Responses were evaluated using the following criteria:

1. Qualifications and Experience with solid waste, recyclable waste, and yard waste collection and disposal
2. Demonstrated understanding of the scope of work and approach to the project
3. Customer service provided to past and existing customers
4. Staff and equipment availability, including capacity to perform scope of work
5. Proposed prices
6. Compliance with Draft Agreement "Municipal Solid Waste, Recycling, and Yard Waste Collection Services"
7. References and recommendations from current and prior customers
8. Completed RFP Forms

The RFP indicated no one hauler can be awarded more than two contracts, in order to ensure a competitive market in the future. Although price is one of several factors, it was a very important element in determining this recommendation and ASI was the lowest bid response price. The hauler also has extensive, successful experience offering these services in the metro.

DISCUSSION POINTS:

All participating communities have been notified of the new contract terms. All cities will vote on the MOUs (memorandum of understanding) by the end of January.

STAFF RECOMMENDATION:

Staff recommends approval

BUDGET REQUIREMENTS:

Solid waste and recycling collection costs are directly passed through to municipalities. Yard waste collection is budgeted through the Metro Compost Center budget and is paid for with revenue from the sale of Compost It! bags and stickers.

CONTACT:

Leslie Irlbeck, deputy director, 515.323.6501

Metro Waste Authority Board**Monthly Board Meeting****December 15, 2021****Agenda Item 15**

ITEM:

Approval of contract with Waste Management for recycling collection in Alleman, Altoona, Ankeny, Bondurant, Carlisle, Clive, Elkhart, Grimes, Hartford, Johnston, Mingo, Mitchellville, Norwalk, Pleasant Hill, Polk City, Prairie City, Runnells, Unincorporated Polk County, Urbandale, West Des Moines, and Windsor Heights.

SUMMARY:

A RFP was issued in September 2021 for the collection of solid waste, recycling, or yard waste for 21 cities under contract management with Metro Waste Authority. Contracts currently in place and managed by MWA expire June 30, 2022, and the new contracts will begin July 1, 2022.

Services were bid by zones for solid waste and yard waste, with an alternate for recycling only. After thorough evaluation, MWA staff is recommending one hauler for solid waste and yard waste for each zone, and one hauler for all Curb It! recycling from 21 cities participating in the program.

Responses were evaluated using the following criteria:

1. Qualifications and Experience with solid waste, recyclable waste, and yard waste collection and disposal
2. Demonstrated understanding of the scope of work and approach to the project
3. Customer service provided to past and existing customers
4. Staff and equipment availability, including capacity to perform scope of work
5. Proposed prices
6. Compliance with Draft Agreement "Municipal Solid Waste, Recycling, and Yard Waste Collection Services"
7. References and recommendations from current and prior customers
8. Completed RFP Forms

The evaluation indicated Waste Management as the recommended hauler, mainly based on price, as well as enhanced technology used to help monitor and reduce contamination in the recycling program

DISCUSSION POINTS:

All participating communities have been notified of the new contract terms. All cities will vote on the MOUs (memorandum of understanding) by the end of January.

STAFF RECOMMENDATION:

Staff recommends approval

BUDGET REQUIREMENTS:

Solid Waste and Recycling collection are directly passed through to municipalities. Yard waste collection is budgeted through the Metro Compost Center and paid for with revenue from the sale of Compost It! bags and stickers.

CONTACT:

Leslie Irlbeck, deputy director, 515.323.6501