

Annual Procurement Report for FY 2021 includes the following:

1. Report Highlights
2. Key Terms & Assumptions
3. Fiscal Year Analysis of awarded Purchase Orders executed in FY 2021
4. Fiscal Year Analysis of Invoices processed for payment in FY 2021
5. Detailed Appendices

Pursuant to the Great Lakes Water Authority By-Laws Article XII, Section 4, GLWA Procurement provides an annual report summarizing all awarded Purchase Orders and/or Contracts by the GLWA in the previous fiscal year. In addition, this year's report provides statistics and analysis based on actual Invoice spend for FY 2021.

The GLWA Procurement Team is a strategic cross-functional partner whose goal within the Financial Services Area (FSA) is to provide and manage effective procurement processes and procedures for the acquisition of quality goods and services in support of the Great Lakes Water Authority's mission and goals. GLWA Procurement utilizes the Bonfire Public Procurement application to manage the process of gathering, reviewing, awarding, and monitoring contracts and services with vendors. This system is used in tandem with the GLWA BS&A (the primary source for these reports) financial system to assign requisitions, purchase orders, and to ultimately process vendor payments. The GLWA Procurement team works very closely with other FSA teams throughout the process of the procure to pay cycle.

The information contained in this report is a comprehensive compilation of data from these systems organized in a manner that not only satisfies the base requirement of the GLWA By-Laws but also highlights key insights and trends apparent to the GLWA FSA team upon review. Following review by the GLWA Audit Committee, this information will be available on the GLWA website Vendors page at www.glwater.org where you can also find an entire section dedicated to vendors and communication of GLWA procurement policies, programs, and current solicitations.

Report Highlights

GLWA Procurement Team Objectives (relevant to report)

- ✓ Ensure all purchases (requisitions, purchase orders and contracts) go through the approved procurement processes and meet or exceed the requirements of GLWA's internal customers and goals.
- ✓ Strategically optimize the percentage of awards attributed to a contract.
- ✓ Identify, procure, manage, and maintain strategic suppliers and key contracts.

Contracts/Purchase Order (Awarded by Procurement) Totals

- ✓ Procurement awarded for FY 2021 totaled \$311.5 million.
- ✓ Procurement executed 3,427 purchase orders and 173 Contracts.
- ✓ Procurement processed 4,291 requisitions.
- ✓ Over 90% of all awarded purchase orders are connected to a formal contract.

Invoice (Accounts Payable) Totals

- ✓ Total combined spend by invoice for FY 2021 totaled \$413.1 million.
- ✓ Accounts Payable processed 20,528 Invoices including payments relating to 3,799 purchase orders.
- ✓ Invoice payments directly attributable to a purchase order totaled \$352.5 million.

Key Terms & Assumptions

Following are key terms that will assist the reader in understanding the information presented in this report.

- Capital Improvement Plan (CIP): Spend related to capital projects and equipment purchases.
- Capital Outlay: Spend related to either purchasing a fixed asset or to extent its useful life.
- Contract: A written binding agreement between GLWA and outside vendors predominantly based on GLWA's Terms and Conditions. All contracts are associated with an approved purchase order.
- Fiscal Year: GLWA's one year period used for financial reporting extending from July 1 to June 30 the following year.
- Invoice: Issued by the seller/vendor to acquire payment and includes an itemized list of goods shipped specifying the price, products, and quantities. Invoices are reported by payment (check or EFT) paid date.
- Operation and Maintenance (O&M): Cost associated with continuing daily operations and repairs and part replacements to extend life of assets.
- Purchase Order (PO): A document generated by GLWA that authorizes a purchase transaction. When accepted by the seller/vendor, it becomes a contract binding on both parties. Purchase Orders are reported by post-date. Not all Purchase Orders are tied to a formal Contract.
- Requisitions: A formal request for obtaining a good and/or service including supplies, raw materials, construction projects, and services. It is also used in requesting additional amendments and change orders for current purchase orders and contracts.

In addition to these key terms, certain assumptions were utilized in the presentation of this information. Key assumptions include the following:

- Purchase order data presented is based on the date the approved purchase order transaction was posted to the general ledger for accounting purposes.
- Invoice data presented is also based on the date the invoice is posted to the general ledger for accounting purposes.
- Purchase order amounts do not remain static, unlike Invoice totals.
- Procurement continually processes amendments (including renewals) and change orders that can decrease or more often increase the purchase order total and those changes impact the original fiscal year totals.

Fiscal Year Award Analysis

The following tables and charts highlight GLWA Procurements activity and **purchase orders/contracts awarded and executed in FY 2021**.

Table 1 – GLWA FY 2021 Total Combined Contracts/Purchase Orders Awards. This chart identifies contracts/purchase orders awarded by Procurement. Procurement processed 3,427 purchase orders and 4,291 requisitions totaling \$311.5 million in FY 2021.

Table 1 – GLWA FY 2021 Total Combined Contracts/Purchase Orders Awards

Award Type	Purchase Order Count	Requisition Count (including Amendments)	Awarded Amount (Millions)	Percentage of Total
Contract tied to Purchase Order	260	460	\$281.3	90.31%
Purchase Order	3,168	3,831	\$30.2	9.69%
Grand Total FY 2021	3,427	4,291	\$311.5	100.00%

Chart 1 highlights Awarded Contracts/Purchase Orders as a % of Purchase Orders Issued with an emphasis on awarding under a formal contract. In addition to providing legal safeguards and quality of services protections, contracts restrain costs by reducing the number of PO's and combining purchases to drive down cost. In FY 2021 Procurement awarded \$281.3 million or 90% of the total awarded spend directly tied to a formal agreement (contract).

Chart 1 – Total Awarded Contracts/Purchase Orders as a % of Total

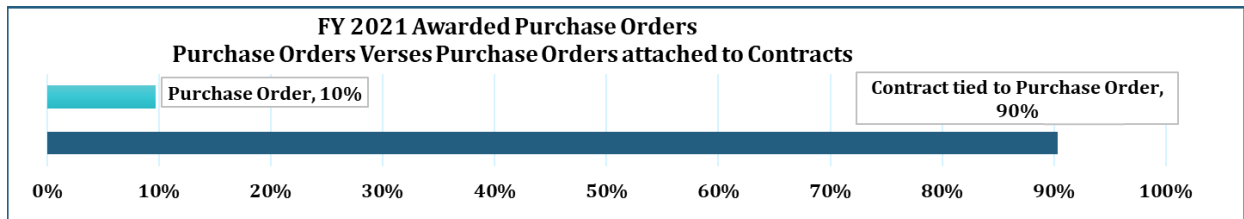


Table 2 – Average Amount of Contracts and Purchase Orders FY 2021. The average Contract awarded by Procurement was just over a million dollars.

Table 2 – Average Amount of Contracts and Purchase Orders FY 2021

Award Type	Purchase Order Count	Awarded Amount (Millions)	Average Amount of PO/Contract
Contract Attached to Purchase Order	260	\$281.3	\$1,081,790
Purchase Order	3,168	\$30.2	\$9,532
Grand Total FY 2021	3,427	\$311.5	\$90,885

Awards by Contract - Large contracts ensure successful timetables are met and projects are completed to the satisfaction all GLWA stakeholders.

Table 3 - FY 2021 Top Ten Largest Contracts awarded by Dollar Value. These top ten contracts represent \$160.4 million or 51% of the total awarded Contracts/Purchase Orders for FY 2021. A complete listing of contracts awarded over a million dollars for fiscal year 2021 can be found in Appendix A.

Table 3 - FY 2021 Top Ten Largest Contracts awarded by Dollar Value

CONTRACT	VENDOR	Contract Description	Awarded Amount (Millions)	Percentage of Total
2000610	Lakeshore Global Corporation	CIP 115001 Piping, Valves & Venturi Meters	\$49.5	16%
1803990	Weiss Construction Co LLC	CIP 111009 LHWTP High Lift Pumps, Flow Meter & Yard	\$30.0	10%
2001488	Pullman SST, Inc.	CIP 122017 7 Mile / Nevada transmission main	\$12.9	4%
1902224	Pullman SST, Inc.	CIP 260614 DB CSO Facilities Structure	\$12.1	4%
2004889	Lakeshore Global Corporation	Specialized Services - Staff Augmentation - 2 Yr. Contract	\$11.4	4%
1904337	Hazen and Sawyer	WRRF PS-2 Bar Racks Replace & Grit Collection System	\$11.3	4%
2002190	Weiss Construction Co LLC	CIP 211008 Ferric Chloride/PS1 & Complex B Sludge Lines	\$9.8	3%
1904254	Dan's Excavating Inc.	CIP 122003 WWP to NEWTP Phase #2	\$8.3	3%
1904197	LimnoTech	GLWA Long Term CSO Control Plan Update.	\$7.7	2%
2003443	FK Engineering Associates	CIP 260206/260510 Design Services Conveyance System	\$7.3	2%
Top Ten Subtotal			\$160.4	51%
Total Combined Executed Contracts			\$281.3	90%
Grand Total			\$311.5	100%

Awards by Vendor - Procurement understands that strategic vendors are integral to the success of GLWA.

Table 4 - FY 2021 Top Ten Vendor Total Awards. These Top Ten vendors represent \$191.8 million or 62% of the total awarded Contracts/Purchase Orders for FY 2021. A complete list of combined awards for all vendor issued in FY 2021 can be found in the Appendix B.

Table 4 - FY 2021 Top Ten Vendor Total Awards

Top Ten Awarded Vendors	Contract Count	Purchase Order Count	Awarded Amount (Millions)	Percentage of Total
Lakeshore Global Corporation	3	3	\$60.7	19%
Weiss Construction Co LLC	2	2	\$39.9	13%
Pullman SST, Inc.	2	2	\$25.0	8%
Commercial Contracting Corporation	4	4	\$13.0	4%
FK Engineering Associates	2	2	\$12.9	4%
Hazen and Sawyer	1	1	\$11.3	4%
Dan's Excavating Inc.	1	1	\$8.3	3%
LimnoTech	1	1	\$7.7	2%
Johnson Controls Inc.	3	5	\$6.6	2%
Motor City Electric Co	4	10	\$6.3	2%
Top Ten Subtotal	22	31	\$191.8	62%
Grand Total	173	3,427	\$311.5	100%

Fiscal Year Spend Analysis

The following tables and charts highlight GLWA Accounts Payable activity and **paid invoice totals for FY 2021**.

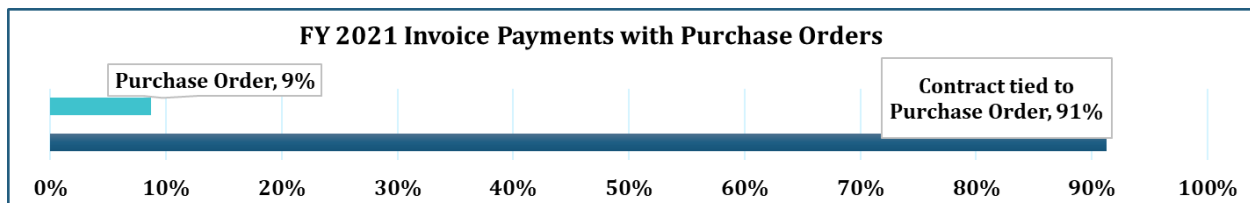
Table 5 - This table identifies GLWA's total spend by Invoice for FY 2021. The spend is further divided by purchase type. Both contracts and purchase orders have been awarded by Procurement prior to any invoicing by the vendor. Invoices directly related to a purchase order totaled \$352.5 million representing 85% of total spend. Invoices paid without a purchase order are typically for utilities, telecom, employee benefits, state, federal and local governments, and agencies. Invoices without a purchase order totaled \$60.5 million and represent less than 15% of total annual spend.

Table 5 - GLWA's total spend by Invoice for FY 2021

Invoice Payment Type	Invoice Count	Purchase Order Count	Total Amount (Millions)	Percentage of Total
Contract tied to Purchase Order	6,877	581	\$321.8	77.91%
No Purchase Order	6,970	0	\$60.5	14.65%
Purchase Order	6,712	3218	\$30.7	7.44%
Grand Total	20,528	3799	\$413.1	100%

Chart 2 - Total Spend directly related to a Purchase Order Award (with or without a Contract). This chart emphasizes Procurements focus on identifying opportunities to capturing as much spend as possible under the safeguards of a formal contract. The majority 91% of all purchase orders and 78% of all GLWA spend is directly related to a Contract.

Chart 2 - Total Spend directly related to a Purchase Order Award



Expense Type and Project - Combined invoiced totals by Expense Type and Project.

Chart 3 - Total Spend by Expense Type compares the total type of spend awarded between Operations and Maintenance (P&M), Capital Improvement Plan (CIP), and Capital Outlay.

Chart 3 – Total Spend by Expense Type

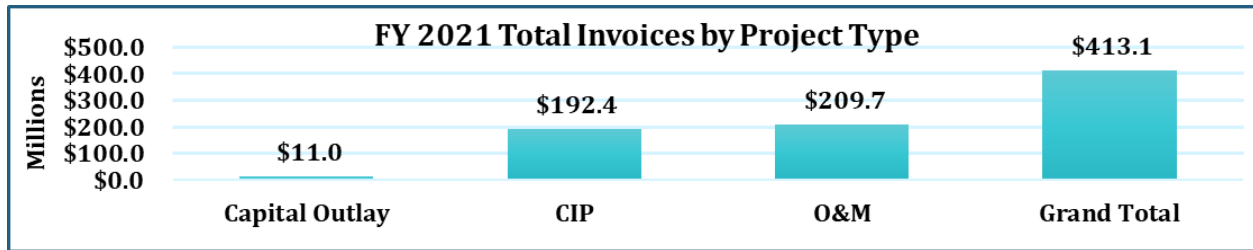


Table 6 - Top 10 Projects under each Expense Type identifies the top projects invoices during the fiscal year. These combined top ten projects represent 67% of the total spend for FY 2021.

Table 6 - Top 10 Projects Invoiced FY 2021

Project Type & Description	Amount (Millions)	Percentage of Total Amount
O&M		
Water Administration and General Expense	\$44.4	16.17%
Sewerage Treatment Operations	\$32.1	11.67%
Water Low Lift Pump Operations	\$17.0	6.19%
Sewer Plant Administration	\$15.1	5.49%
Water Care & Maint Tunnels-Detroit	\$10.9	3.98%
Water Source of Supply Operations	\$10.5	3.82%
Water Pumping Stations Operations	\$9.7	3.55%
CSO - Control Basins Operations	\$7.2	2.61%
Water General Operating & Maintenance	\$6.9	2.52%
Water System Control Center Operations	\$4.2	1.53%
O&M Total	\$158.0	57.52%
CIP		
Fairview Sewage Pumping Station Imprvmts	\$16.0	5.81%
CON-183: DB 223 Inland Waters:	\$14.8	5.39%
WWP to NEWP Transmission Main	\$13.2	4.79%
PA,SW and NE Raw Water Supply Tunnel Imp	\$11.0	4.00%
Transmission Work: Wick Road Parallel	\$10.4	3.80%
CON-149: Inland: DRI Sec Insp,Eval,Des	\$8.6	3.11%
Imlay, WCS,LH,SP,SW Reservoir Inspection	\$7.7	2.81%
Sedimentation Basin Sluice Juice at SWTP	\$7.6	2.78%
Steam,Consentate Return Improvement SWTP	\$7.3	2.66%
96" Main Relocation,Isolation Valve Ins	\$7.3	2.64%
CIP Total	\$103.8	37.79%
Capital Outlay		
Centralized Services I&E	\$4.9	1.77%
Sewer I&E	\$4.1	1.48%
I&E Water Fund	\$2.0	0.74%
Water Administration and General Expense	\$1.5	0.54%
Water General Operating & Maintenance	\$0.2	0.07%
Puritan Fenkell/7 Mile CSO Inst Upgrade	\$0.1	0.03%
Sewer Operations Secondary Sedimentation	\$0.1	0.02%
Sewerage Treatment Operations	\$0.0	0.01%
Sewer Operations Primary Sedimentation	\$0.0	0.01%
CSO - Control Basins Operations	\$0.0	0.01%
Capital Outlay Total	\$12.9	4.69%
Subtotal Top Ten	\$274.7	66.51%
Grand Total	\$413.1	100.00%

Top Ten Contracts – Key Contracts comprising a majority of actual spend FY 2021.

Table 7 – Top 10 Contracts in actual spend for FY 2021 provides a list of the largest contracts that captured FY 2021 spend. These ten contracts account for \$126.4 million or 30% of FY 2021 total spend. A complete listing of contracts with over a million dollars in spend for FY 2021 can be found in Appendix C.

Table 7 – Top 10 Contracts in actual spend for FY 2021

Contract Number	Vendor	Contract Description	Amount (Millions)	Percentage Total
GLWA-CON-149	Inland Waters Pollution Control Inc	Emergency Sewer Repair	\$16.2	4%
GLWA-DB-226	Jay Dee Contractors Inc.	Repair & Rehab (DRI) from Alter Road to WWRF	\$15.6	4%
GLWA-CON-297	Weiss Construction Co LLC	Fairview Sewage Pumping Station Improvements	\$15.2	4%
GLWA-CS-272	AECOM Great Lakes, Inc	Capitol Improvement Program Delivery	\$13.7	3%
GLWA-PC-792	New England Fertilizer Company	Biosolids Dryer Facility	\$13.1	3%
1803258	Walsh Construction Company	CIP 122003 WW Northeast Transmission Project	\$12.7	3%
GLWA-DB-150	Ballard Marine Construction LLC	CIP 1327 DB/ Repair PA, Springwell & NE Tunnels	\$11.3	3%
1803621	Ric-Man Construction Inc	CIP # 122006 Wick Road 48" Water Main	\$10.7	3%
1901658	Lakeshore Global Corporation	Facilities Maintenance Services	\$9.1	2%
GLWA-CON-252	Clark Construction Company	SWTP Steam/Condensate Return, & Compress Air	\$8.7	2%
Top Ten Subtotal			\$126.4	31%
Total Combined Invoiced Contracts			\$321.8	78%
Grand Total			\$413.1	100%

Top Ten Vendors - The top vendors that dominated GLWA's FY 2021 actual spend.

Table 8 - Top Ten Vendors by Total Spend highlight the vendors receiving a majority of spend for FY 2021. These Top Ten vendors comprise \$198.7 million or 48% of total invoices paid. A complete list of vendors issues invoices in FY 2021 can be found in Appendix D.

Table 8 - Top Ten Vendors Total Spend

Top Ten Vendors Invoiced	Invoice Count	Purchase Order Count	Total Amount (Millions)	Percentage of Total
DTE Energy	4,347	1	\$42.2	10%
Lakeshore Global Corporation	140	15	\$33.5	8%
Weiss Construction Co LLC	145	14	\$27.8	7%
Inland Waters Pollution Control Inc	15	2	\$15.9	4%
Jay Dee Contractors Inc.	20	2	\$14.8	4%
AECOM Great Lakes, Inc	25	3	\$13.9	3%
New England Fertilizer Company	12	2	\$13.0	3%
AT&T	59	3	\$12.8	3%
Walsh Construction Company	25	2	\$12.4	3%
Kokosing Industrial Inc.	43	4	\$12.4	3%
Top Ten Subtotal	4831	48	\$198.7	48%
Grand Total	20529	3799	\$413.1	100%

**DTE and AT&T are utilities*

Detailed Appendices

Appendix A – FY 2021 Combined Contracts Awarded by Procurement

This report identifies all contracts awarded by Procurement during the fiscal year. It includes the Contract Number, the Vendor, and the total amount of the Contract. It is generated using data downloaded from the BS&A accounts payable and procurement modules and includes award activity data generated as part of these processes. Items outside the scope of this report include such things as GLWA employee payroll, debt, and pension obligation payments. Invoice activity is based on the date range July 1, 2020 through June 30, 2021.

Appendix B – FY 2021 Combined Vendors Awarded by Procurement

This report identifies all vendors awarded during the fiscal year. It includes the Contract Number, the Vendor, and the total amount of the Contract. It is generated using data downloaded from the BS&A accounts payable and procurement modules and includes award activity data generated as part of these processes. Items outside the scope of this report include such things as GLWA employee payroll, debt, and pension obligation payments. Invoiced activity is based on the date range July 1, 2020 through June 30, 2021.

Appendix C – FY 2021 Combined Contracts Invoiced

This report identifies all contracts invoiced during the fiscal year. It includes the Contract Number, the Vendor, and the total amount of the Contract. It is generated using data downloaded from the BS&A accounts payable and procurement modules and includes award activity data generated as part of these processes. Items outside the scope of this report include such things as GLWA employee payroll, debt, and pension obligation payments. Invoiced activity is based on the date range July 1, 2020 through June 30, 2021.

Appendix D – FY 2021 Combined Vendors paid by Invoice

This report identifies all vendors invoiced during the fiscal year. It includes the Contract Number, the Vendor, and the total amount of the Contract. It is generated using data downloaded from the BS&A accounts payable and procurement modules and includes award activity data generated as part of these processes. Items outside the scope of this report include such things as GLWA employee payroll, debt, and pension obligation payments. Invoiced activity is based on the date range July 1, 2020 through June 30, 2021.

CONTRACT	VENDOR	Contract Description	Awarded Amount
2000610	Lakeshore Global Corporation	CIP 115001 Piping, Valves & Venturi Meters	\$49,467,913
1803990	Weiss Construction Co LLC	CIP 111009 LHWTP High Lift Pumps, Flow Meter & Yard	\$30,022,637
2001488	Pullman SST, Inc.	CIP 122017 7 Mile / Nevada transmission main	\$12,943,129
1902224	Pullman SST, Inc.	CIP 260614 DB CSO Facilities Structure	\$12,055,334
2004889	Lakeshore Global Corporation	Specialized Services - Staff Augmentation - 2 Yr. Contract	\$11,389,132
1904337	Hazen and Sawyer	WRRF PS-2 Bar Racks Replace & Grit Collection System	\$11,307,129
2002190	Weiss Construction Co LLC	CIP 211008 Ferric Chloride/PS1 & Complex B Sludge Lines	\$9,839,000
1904254	Dan's Excavating Inc.	CIP 122003 WWP to NEWTP Phase #2	\$8,258,592
1904197	LimnoTech	GLWA Long Term CSO Control Plan Update.	\$7,748,507
2003443	FK Engineering Associates	CIP 260206/260510 Design Services Conveyance System	\$7,348,888
1903312	Major Cement Company	CIP 122013 Phase 1 14 Mile Transmission Main Loop	\$6,169,652
1902548	PTS Contracting	HVAC CONTRACT FOR Water & Wastewater (BS&A 1902548) Sourcwell	\$5,790,800
1900995	Motor City Electric Co	Electrical Preventative Maintenance and Repair Contract for GLWA Wastewater Facilities	\$5,717,481
2000292	Hydromax USA LLC	GLWA New Valve Exercising Project for Field Services for a period of 3 years in the amount of \$4.5 mi	\$5,601,663
2002655	FK Engineering Associates	Northwest Interceptor Relief Sewer to Oakwood Facility. Professional Engineering services to provide	\$5,599,456
1903598	The Christman Company	Yard Piping, Construction Management CIP 216006 Chuck Reinhart, 297.0154	\$5,548,501
2003330	Commercial Contracting Corporati	CIP No. 260618 - HVAC Improvements at Oakwood CSO Facility	\$5,492,000
2000917	Commercial Contracting Corporati	RFB - Refractory Inspection and subsequent Refractory Repairs for WRRF Complex II Incineration: 7 thr	\$4,752,640
1902548A	Johnson Controls Inc.	(HVAC) Water Treatment Plants Repair & Preventative Maintenance Services	\$4,620,000
2000970	Noresco LLC	Rehabilitation of Screened Final Effluent (SFE) Pump Station (Specialized Procurement)	\$3,399,730
1904449	Brown and Caldwell Constructors	Solicitation Request: Lake Huron Pilot Plant - Design Build Services (CIP 111011)	\$3,157,387
2100822	Family Associates, LLC	Lease Agreement for Warehouse	\$2,669,082
2003785	Applied Science Inc	RFP for Dye Testing & Engineering Services Previous Contract: DWSD/GLWA CS-1482 and GLWA CS-236	\$2,634,875
2004735	Commercial Contracting Corporati	WRRF Conveyor Fire Recovery Design/Build Contract RFP Dan Alford, Director, 313.300.3521	\$2,587,000
4302	JCI Jones Chemicals Inc	1st renewal year of 90-ton Chlorine	\$2,523,198
1901592	Magnolia River Services Inc.	GIS Strategic Support Services	\$2,308,910
2000284	Johnson Controls Fire Protection L	Specialized Procurement - Professional Services Contract for the preventative maintenance service Sourcwell	\$2,308,897
2002946	NTH Consultants Ltd	Environmental Health and Safety Compliance Service Replacement contract for CS-213	\$2,000,000
1902548B	Johnson Controls Inc.	(HVAC) Pumping Stations Repair and Preventative Maintenance Services	\$1,971,954
2000279	Fishbeck	Springwells Water Treatment Plant Flocculator Drive Replacement	\$1,893,136
2004666	M-K Construction Company Inc.	CIP 260621, Contract for Conner Creek Dike Improvements.	\$1,874,135
1903601	CDM Smith Michigan Inc	Yard Piping Engineering Services, CIP 216006 Chuck Reinhart, 297.0154	\$1,647,815
2000644	DES Electric LLC	POWER MONITORING INSTALLATION PROJECT	\$1,623,606
2002350	Systems Specialties	The requested contract with Rotork Controls, Inc. is needed to provide inspection, repair and prevent Contract has two PO's	\$1,538,174
1904738-5	CEC Controls Company, Inc.	Job Order - Instrumentation and Controls Maintenance Services (WRRF & CSOs)	\$1,524,000
1904738-1	Outbound Technologies, Inc.	Engage up to six instrumentation contractors for task order type services. (4000703)	\$1,524,000
1904738-2	PCI LLC	Job Order - Instrumentation and Controls Maintenance Services (WRRF & CSOs)	\$1,524,000
1904738-3	Verve Industrial	Job Order - Instrumentation and Controls Maintenance Services (WRRF & CSOs)	\$1,524,000
1904738-4	UIS Scada Inc	Engage up to six instrumentation contractors for task order type services. (4000706)	\$1,524,000
2003901	United States Geological Survey	U.S. DEPARTMENT OF THE INTERIOR, U.S. GEOLOGICAL SURVEY, NON-STANDARD JOINT FUNDING AGREEMENT FOR WAT	\$1,365,000
1802499	HDR Michigan, Inc.	WWP WTP Building ventilation improvements	\$1,350,000
2001456	Spence Brothers	Funds Approval Form for SPWTP 1958 Settled Water Conduit and Loading Dock Concrete CIP #114016	\$1,235,000
2002048	Kennedy Industries Inc	Procurement of double disc gate valves for Phase II of the 14-Mile Transmission Main Loop Project	\$1,177,770
2100911	Schreiber Corporation	CIP No. 260620 - Roof Replacement at Baby Creek CSO Facility,	\$999,000
2001433	Fleishman Hilliard Inc	Marketing and Communications Services (3 year contract with two 1 year renewals)	\$980,000

Appendix A: Great Lakes Water Authority Total FY 2021 Awarded Contracts

CONTRACT	VENDOR	Contract Description	Awarded Amount
2000757	M.L. Chartier, Inc.	This is a request for bid for LHWTP lagoon sludge removal maintenance contract, named LHWTP Lagoon Ma	\$966,384
1903726	Staples Business Advantage	Ink / Toner MiDeal	\$900,000
1903426	The Osborn Engineering Company	TOES: ARC FLASH STUDY	\$792,050
2002908	David D. Taylor	Oracle WAM System Specialist for a Three (3) Year Period	\$750,000
2001492	Crane Technologies Group Inc	Crane repairs for the WWOG/ Req for Water 2002240 waiting approval	\$642,032
2001434	Regents of the University of Mich.	Assessing the Integration of Real Time Control (RTC) Water Management Systems into GLWA's Long Term C	\$636,702
2100917	City of Livonia	CIP 122005_1804129 Schoolcraft Rd_IGA City of Livonia and GLWA_10"Sanitary Sewer Installation_Tempora	\$603,946
2001831	Plante & Moran PLLC	ERP Implementation Support	\$585,000
GLWA-CS-195	The Foster Group LLC	Financial Management Consulting Services	\$550,000
1902299	Avante Solutions, Inc.	Information Technology Service Management (ITSM) Tool	\$534,694
2001317	Secure Door LLC	Preparing assessment and repair quotes for selected Overhead doors and hardware at various GLWA facil	\$520,000
2004471	Public Sector Consultants	Public Sector Consultants	\$475,000
1904562	Phoenix Environmental Inc	GLWA Fuel Maintenance	\$466,560
1803126	Hach Company	Hach Company Combined Purchases	\$451,768
2101259	Schuster Law PLC	IT Contract Negotiations	\$450,000
2002240	Crane Technologies Group Inc	CRANE INSPECTION AND REPAIRS (WATER)	\$420,000
2000299	SCI Floor Covering Inc.	Flooring replacement for all GLWA sites	\$419,723
1904736	Linko Technology Inc	Linko (PIMS)	\$411,316
2002363	Xerox Corporation	Print Shop Upgrade 36 months Omnia Co-Op	\$404,525
1900455-1	SDG Associates, LLC	Architectural, Engineering, and Design Service	\$400,000
1900455-2	WSP Michigan Inc.	Architectural, Engineering, and Design Service Req 2002495	\$400,000
1904373	Industrial Furnace Co Inc	Incinerator Fuel Train Systems Inspection and Safety Check	\$389,700
1904862	Geotab USA, Inc.	Purchase of GEOTAB Enterprise Fleet Management Modules for Fleet	\$375,000
2002135	Erie Construction LLC	WRRF Seagull Habitat Modification Beena Chackunkal, Engineer, 313.297.9825	\$355,160
2003340	Siemens Industry Inc	THIS REQUISITION IS TO ADD \$ 1,878.00 TO THE FUNDS ON REQ. 2003340	\$313,293
2001082	Preventive Maintenance Technolo	Emergency Standby Generator Preventative Maintenance (Water). Replaces req#2000432	\$309,550
2897583	VWR International	JIT Chemicals/Lab Supplies MiDeal	\$304,800
2004289	Garan Lucow Miller, P.C.	Sean Perham v GLWA, Claim No 189326719	\$300,000
2004482	Motor City Electric Co	MOTOR CITY ELECTRIC - CONTRA 3 MONTHS Ext Contract 50817 PO 19203 and 16131	\$300,000
2004292	Zausmer, P.C.	Daniels Karim - Claim of Appeal - GLWA-LS-2004292	\$300,000
2004507	Miller Canfield Paddock & Stone P	General Employment Matters	\$300,000
2002530	Dickinson Wright PLLC	Midwest Valve v. GLWA	\$300,000
2001721	Littler Mendelson PC	Deanne Williams vs Great Lakes Water Authority	\$300,000
2003057	Fausone Bohn LLP	Water and sewer services to the City of Dearborn	\$300,000
2001694	Public Sector Consultants	WRAP program design advisor services	\$295,001
2002204	Aquasight LLC	APOLLO ADVISER APPLICATION MAINTENANCE & DEVELOPMENT OF NEW DASHBOARDS - (3 year contract with 2 - 1	\$285,000
2001563	Black & Veatch Ltd Of Michigan	Dearborn Master Metering Assistance	\$240,000
2001595	Regents of the University of Mich.	Life Cycle Analysis of the Great Lakes Water Authority	\$234,726
1905154	Clayton Industries	CLAYTON INDUSTRIES (STEAM GENERATOR REPAIR WATER PLANTS)	\$221,851
2001928	Structural Preservation Systems	Kercheval Pipe Renewal Pilot	\$200,760
2004712	Bridgeport Consulting LLC	Bridgeport Consultants Services to assist finance procurement in various area. For two years	\$200,000
2002514	Re-Source Partners	IT ASSET DISPOSAL SERVICES MiDeal	\$200,000
2003851	Bert's Testing & Training Services	Provide training to GLWA team member for CDL class A and B licenses. Over next 3 years with a 1 year	\$199,362
1904710	Wayne State University	The Occurrence and Fate of Microplastics in Wastewater and Drinking Water Treatment Systems	\$195,000
2100850	Williams Acosta PLLC	Melvindale PFAS Appeal	\$175,000
2001498	Commercial Contracting Corporati	Leib Fiberglass Tank Repair	\$171,000
2100779	Plunkett Cooney PC	Re: Highland Park Appeal	\$150,000
2101468	Plante & Moran PLLC	Plante & Moran will assist Logistics & Materials in the relocation of the Mckinstry Warehouse to the	\$150,000
2001308	FastSigns Detroit	Vinyl Graphics Services for GLWA Fleet and Facilities	\$147,000
2001574	Emphasys Software	Sympro Debt Management Software	\$128,182
2002349	Michigan CAT	MI Cat - Blanket PO for construction equipment parts and maintenance services for two (2) years	\$125,000
1703524	TK Elevator Corporation	Elevator Maintenance	\$117,898
2100570	Process Improvement Institute Inc	Consulting Services to Support GLWA's Risk and Process Safety Management Program (RPM/PSM)	\$115,000
2100360A	YSI Incorporated	Service contract for FS3700 -cyanide Indtument from 1/19/2021 to 02/18/2021 as enclosed document.	\$110,355

CONTRACT	VENDOR	Contract Description	Awarded Amount
1904332	GDI Services Inc	Blanket PO for janitorial services at GLWA facilities for one (1) year 04/06/2020 - 04/05/2021	\$109,109
2004190	Jett Pump & Valve LLC	Full chlorine scrubber media replacement for the Purafill scrubber in service at Springwells water pl	\$107,999
2002909	Jett Pump & Valve LLC	Jett pump to replace media in Chlorine scrubber	\$107,999
1904860	Idexx Laboratories	Idexx Bacteriological testing materials for Water Plants and Water Quality Lab Place Holder Requisites	\$101,585
2100757	Butzel Long PC	Negotiation of the I-94 Storm Water Discharge Agreement	\$100,000
2004810	O'Reilly Rancilio P.C.	Stoney Creek Villas Apartments - Pond Maintenance	\$100,000
2100339	Motor City Electric Co	Motor city electric to provide emergency assistance with repair/replacement work with switchgear/cable	\$100,000
2003099	Macomb Mechanical Inc	Macomb Mechanical Renewals on CSF, WBB, and WRRF HVAC systems	\$99,216
2100041	Johnson Controls Fire Protection L	Fire Alarm, Sprinkler & Fire Suppression Systems PM, Service & Repair (Sourcewell)	\$98,882
2002947	Albert Kahn Associates Inc.	200251 Engineering System Services	\$95,025
1803933	Rose Pest Solutions	Pest Control and Extermination Services for Three (3) Years with 2 - 1 Year Renewal Options	\$93,421
2001396	Santoro Incorporated	Blanket contract for light, medium, and heavy duty truck parts and repair	\$90,000
2002722	Siemens Industry Inc	Siemens Quotation Number: Q2075268-R1 for 3 year TSA (27,000.00/YR) SPV	\$81,000
2002492	United Rentals North America Inc	Blanket PO for equipment rentals as needed by GLWA Fleet for one (1) year 7/1/2020 - 6/30/2021	\$80,000
2101260	Lewis & Munday P C	Revere Dock Litigation - 5851 W Jefferson Ave, Detroit, MI	\$75,000
2001596	Sunbelt Rentals, Inc.	Blanket PO for on demand equipment rentals 05/01/2020 - 04/30/2022 MiDeal	\$75,000
2100663	Clark Hill	Employment/Labor Matter	\$75,000
2004445	Lerch Bates, Inc.	Omnia Partners CoOp task #1	\$71,019
2100644	Kennedy Industries Inc	Emergency Repair of Freud Pump 10	\$57,435
2101294	Karen Ann Muglia	Internal control review for the Chief Financial Officer	\$50,000
2003805	Binkelman Corporation	CREATE A TWO YEAR CONVEYOR MAINTENANCE CONTRACT, TO VULCANIZE BELTS AND TO PROVIDE PARTS FOR DEWATERI	\$50,000
2002799	Marsh USA Inc.	Property Insurance Renewal Initiative	\$50,000
2002059	Tredroc Tire Services, LLC	Tredroc Blanket PO for purchase of tires as needed by GLWA Fleet for 1 year 06/01/2020 - 05/31/2021	\$50,000
2002035	Valve Reconditioning Service	Lake Huron to have Valve Reconditioning Services restore 2 valves	\$49,999
2101113	NTH Consultants Ltd	Audit services for the Process Safety Management and Risk Management Plan at the five water treatment	\$49,850
2100373	Zachary Sharp	Analysis of the flocculation basins at the LHWTP and perform CFD (computational fluid dynamics) mode	\$48,675
2101076	Madison Electric Company	Power Meters for Springwells Water Treatment Plant (WTP)	\$45,532
2100712	Digital Science Group LLC	WRRF-CSO Digital Imaging Services	\$44,625
2004251	Bell Equipment Company	Blanket PO for maintenance and repairs on GLWA Fleet street sweepers and other equipment	\$44,000
2002515	Heat Engineering Inc	HEAT Engineering - Blanket PO for small engine parts and repairs as needed by GLWA Fleet for two (2)	\$44,000
2000569	Digital Science Group LLC	Contract for scanning and digitizing documents, blue prints and Operation & Maintenance Manuals that	\$42,847
2100385A	Advance Instrumentation Systems	AISC - QOUTE 1147 INSTALLATION & MAINTENANCE SERVICES:ALUM DAY & BULK TANK PRESSURE TRANSMITTER	\$42,300
2004315	Siemens Industry Inc	SIDRIVE IQ Digital Services	\$40,700
2101055	Logan Glass Company	One year Blanket PO beginning April 1, 2021, window glass, glass,accessories and tools.	\$40,000
2001636	Weingartz Supply Co., Inc.	Blanket PO for for purchase of parts and repairs as needed on GLWA Fleet equipment for 1 year 05/01/2	\$40,000
2100477	ASTI Environmental	Environmental Assessment at 5181 E. Outer Dr., Detroit, MI	\$40,000
2100212	Sav's Welding Services	Blanket PO for welding and steel supply services for GLWA fleet for 1 year 01/27/2021 - 01/26/2022	\$40,000
2004100	Sustema Inc.	Removal and Disposal of existing consoles and installation of new console S	\$39,485
2100149	KnowBe4 Inc.	KnowBe4 (Security Mentor Replacement)	\$39,396
2002102	CDM Smith Michigan Inc	CDM Smith CAD Specialized Contract request	\$38,860
2001395	Michael K. Stenstrom, Ph.D., P.E.	Professional Engineering Services at WRRF	\$37,960
2100156	Plante & Moran PLLC	Vendor Viability Assessment	\$37,500
1900702	Premier Group Associates LC	Grounds Maintenance Services	\$36,710
2003625	Smith's Waterproofing LLC	PURCHASE SMITH'S WATERPROOFING TO CAULK AND TUCKPOINT EXTERIOR PARAPET WALL OF EB -1 BUILDING	\$36,600
2002823	Digital Science Group LLC	WRRF- CSO Digital Records Conversion	\$36,420
2003786	Wade Trim Associates Inc	Pump Station Two Grit Channel /Nautical Drone Pilot Study Jason Williams, Engineer, 313.297.0230	\$33,781

Appendix A: Great Lakes Water Authority Total FY 2021 Awarded Contracts

CONTRACT	VENDOR	Contract Description	Awarded Amount
2004597	Teledyne CETAC Technologies Inc	PURCHASE LH560 COMS PREVENTIVE MAINTENANCE AND QA PERFORMANCE BRONZE SUPPORT FOR WRRF COMPLEX II OPAC	\$30,732
2004700	Project Innovations Inc	Executive and Managerial Training for Water Operations	\$29,900
1903753	Modern Water Inc.	Repair of deltatox analyzer, reagents and supplies to run Delta tox analyses for one year at Springwe	\$25,394
2004470	PCI LLC	CSO Instrumentation & Controls Support Services	\$25,000
1903519	TS Systems, Inc.	Filter Transmitter Replacement	\$24,075
2100896	Unconventional Services Inc	Repair and protective paint services with Uncoventional Services for Odor Control Fa	\$20,950
2002796	ConvergeOne Inc	AVST/ConvergeOne Voicemail Maintenance	\$20,316
2002283	Versalift Midwest	Versalift Blanket PO for maintenance and repairs on GLWA Fleet aerial lift for two (2) years	\$20,000
2001969	Troy's Towing Inc.	Blanket PO for towing services for all GLWA vehicles	\$20,000
2001970	L.I.J.B.S. Enterprises, LLC	Blanket PO for towing services for all GLWA vehicles	\$20,000
2100588	Boomer Construction Materials	Blanket purchase order for masonry supplies and masonry tools 04/01/2021 - 03/31/2023	\$18,000
2000261	Phoenix Environmental Inc	Phoenix Environmental Inc. PROPOSAL 23428. Inspection Services Continuation requisition for four mont	\$17,773
2100382	BigTime Software Inc.	BigTime Renewal	\$15,840
2000309	Isle Inc.	Artificial Intelligence for Treatment, Network Optimization Technology Scan and Water Quality Sensors	\$15,000
2101040	Metro Welding Supply Corporation	Two year Blanket PO beginning April 1,2021, cylinder rental, gasses, welding wire, welder PPE and cut	\$12,000
2004002	DLT Solutions LLC	BIM 360 Docs Assistance and Support	\$11,670
1902702	Interior Environments LLC	Furniture and Flooring -planning, coordination, procurement, installation and warranty services.Fur	\$10,275
2003899	International Controls & Equipment	PURCHASE SERVICE AND PARTS TO INSTALL CONTROL BOXES TO ENRTY / EXIT - COPLAND GATE	\$10,175
2002275	Wolverine Power Systems	Blanket PO for generator repairs and maintenance at CSF for three (3) years	\$10,000
2003659	PEA Group	Surveying Services for the property located at 5181 East Outer Drive in the City of Detroit, County o	\$8,810
2100313	Applied Power and Controls Inc.	Schoolcraft Power Metering Design - Electrical Design for Power Metering Installation	\$8,400
1804127	Hach Company	Professional Services Contract for Service Agreement	\$7,274
2004746	Walz & Krenzer Inc.	Hypalon Gasket for watertight hatches per WK-839-45 gasket per WK-936-79	\$5,900
2004618	Giffels Webster	ALTA/NSPS SURVEY ON CONRAIL STRIP BETWEEN WARREN AND TIREMAN	\$4,320
2000876	ShredCorp.	ShredCorp Services Description for REQ 2000876 Shredding Services On-site shredding services to shred	\$3,600
1902536	Waste Management Of Michigan In	Refuse & recycling services various locations 10/15/2019 through 10/14/20 with two (2) one (1) year r	\$471
GLWA-CON-285	Lakeshore Global Corporation	Wholesale Water Meter Pit Rehabilitation and Meter Replacement	-\$122,755
Grand Total			\$281,265,515

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Lakeshore Global Corporation	3	3	\$60,734,290
Weiss Construction Co LLC	2	2	\$39,861,637
Pullman SST, Inc.	2	2	\$24,998,463
Commercial Contracting Corporation	4	4	\$13,002,640
FK Engineering Associates	2	2	\$12,948,344
Hazen and Sawyer	1	1	\$11,307,129
Dan's Excavating Inc.	1	1	\$8,258,592
LimnoTech	1	1	\$7,748,507
Johnson Controls Inc.	3	5	\$6,602,712
Motor City Electric Co	4	10	\$6,290,982
Major Cement Company	1	1	\$6,169,652
PTS Contracting	1	1	\$5,790,800
Hydromax USA LLC	1	1	\$5,601,663
The Christman Company	1	1	\$5,548,501
Noresco LLC	1	1	\$3,399,730
Brown and Caldwell Constructors	1	1	\$3,157,387
Family Associates, LLC	1	1	\$2,669,082
Applied Science Inc	1	1	\$2,634,875
JCI Jones Chemicals Inc	2	2	\$2,523,623
Johnson Controls Fire Protection LP	2	3	\$2,407,779
Magnolia River Services Inc.	1	1	\$2,308,910
NTH Consultants Ltd	2	2	\$2,049,850
Detroit Water and Sewerage	1	3	\$2,040,000
Systems Specialties	2	24	\$1,927,867
Fishbeck	1	1	\$1,893,136
M-K Construction Company Inc.	1	1	\$1,874,135
CDM Smith Michigan Inc	3	3	\$1,715,075
Kennedy Industries Inc	3	15	\$1,681,900
DES Electric LLC	2	2	\$1,643,534
PCI LLC	3	3	\$1,561,130
Outbound Technologies, Inc.	1	1	\$1,524,000
UIS Scada Inc	1	1	\$1,524,000
Verve Industrial	1	1	\$1,524,000
CEC Controls Company, Inc.	1	1	\$1,524,000
United States Geological Survey	1	1	\$1,365,000
HDR Michigan, Inc.	1	1	\$1,350,000
Experis US Inc	1	9	\$1,317,786
Spence Brothers	1	1	\$1,235,000
Crane Technologies Group Inc	3	17	\$1,194,143
PVS Nolwood Chemical Inc	1	5	\$1,117,882
Water Research Foundation	1	9	\$1,105,036
Schreiber Corporation	2	14	\$1,078,710
Fleishman Hilliard Inc	1	1	\$980,000
M.L. Chartier, Inc.	1	1	\$966,384
Staples Business Advantage	1	1	\$900,000
Grainger	1	637	\$891,957
Regents of the University of Mich.	2	2	\$871,429
CDW Computer Centers Inc	1	54	\$857,839
Polydyne Inc	1	5	\$855,889
Crystal Flash, Inc.	1	1	\$800,000
The Osborn Engineering Company	1	1	\$792,050
Plante & Moran PLLC	3	3	\$772,500
Public Sector Consultants	2	2	\$770,001
David D. Taylor	1	1	\$750,000
Oracle America Inc	1	4	\$714,450
Mcnaughton Mckay Electric Company	1	127	\$631,867
Siemens Industry Inc	4	21	\$611,715
City of Livonia	1	1	\$603,946
Homrich	1	3	\$603,046
The Foster Group LLC	2	2	\$590,000
Avante Solutions, Inc.	1	1	\$534,694
Detroit Pump & Mfg Co	1	35	\$532,034
Mokveld Valves BV	1	1	\$528,400
Secure Door LLC	1	1	\$520,000
Cascade Consultants LLC	1	2	\$519,145

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Recycle Waste Services Inc.	1	2	\$514,795
Phoenix Environmental Inc	3	6	\$506,999
Hach Company	2	50	\$459,042
Schuster Law PLC	1	1	\$450,000
SCI Floor Covering Inc.	1	2	\$419,723
Xerox Corporation	2	2	\$417,093
Linko Technology Inc	1	1	\$411,316
Professional Pump Inc	1	1	\$400,000
WSP Michigan Inc.	1	1	\$400,000
SDG Associates, LLC	1	1	\$400,000
Industrial Furnace Co Inc	2	2	\$393,245
RS Technical Services Inc	1	55	\$382,260
Geotab USA, Inc.	1	1	\$375,000
Erie Construction LLC	1	1	\$355,160
Motor City Pipe & Supply Co	1	216	\$344,607
Dell Computer Corporation	1	9	\$341,770
VWR International	2	26	\$341,739
JMK Engineering, Inc	1	1	\$337,920
Epitec Inc	1	1	\$336,600
Preventive Maintenance Technologies	1	3	\$309,550
GALCO Industrial Electronics	1	67	\$304,202
Miller Canfield Paddock & Stone PLC	2	2	\$302,500
Zausmer, P.C.	1	1	\$300,000
Littler Mendelson PC	1	1	\$300,000
Dickinson Wright PLLC	1	1	\$300,000
Garan Lucow Miller, P.C.	1	1	\$300,000
Fausone Bohn LLP	1	1	\$300,000
Evoqua Water Technologies LLC	1	6	\$286,081
Aquasight LLC	1	1	\$285,000
A/C Service & Repair Inc.	1	3	\$253,365
Wayne Health	1	1	\$250,000
Allingham Corporation	1	13	\$243,749
Black & Veatch Ltd Of Michigan	1	1	\$240,000
Jett Pump & Valve LLC	3	5	\$227,769
Electrical Workers Insurance Fund	1	1	\$226,800
Clayton Industries	2	4	\$225,549
Cornell Field Vibration Service Inc	1	2	\$221,380
Vieux & Associates Inc.	1	2	\$212,870
American Gear & Engineering, Inc	1	4	\$212,145
JGM Valve Corporation	1	32	\$204,663
Waterfront Petroleum Terminal Co.	1	1	\$203,533
Structural Preservation Systems	1	1	\$200,760
Re-Source Partners	1	1	\$200,000
Bridgeport Consulting LLC	1	1	\$200,000
Bert's Testing & Training Services	1	1	\$199,362
Robert Half Finance & Accounting	1	1	\$198,000
Wayne State University	1	1	\$195,000
Data Consulting Group Inc	1	1	\$194,040
Atlantic Coast Polymers Inc	1	1	\$190,080
DP Brown Of Detroit Inc	1	14	\$186,539
Fitch Ratings Inc	1	2	\$180,000
Amazon Web Services Inc	1	2	\$176,953
Williams Acosta PLLC	1	1	\$175,000
Santoro Incorporated	2	5	\$174,672
Alfa Laval Inc	1	8	\$172,874
FastSigns Detroit	2	2	\$166,980
Capp USA	1	29	\$165,688
Forberg Scientific Inc	1	4	\$159,527
Yates Industries Inc	1	8	\$156,305
Madison Electric Company	2	34	\$153,444
DLT Solutions LLC	2	6	\$153,361
Premier Safety	1	44	\$150,306
Plunkett Cooney PC	1	1	\$150,000
TK Elevator Corporation	2	11	\$148,478
Ingersoll Rand Company	1	6	\$148,314
Agilent Technologies Inc	1	3	\$145,225

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Herc Rentals Inc.	1	4	\$140,742
Metro Welding Supply Corporation	2	50	\$136,933
Idexx Laboratories	2	17	\$129,350
Emphasys Software	1	1	\$128,182
Michigan CAT	2	5	\$128,122
HESCO Group Inc.	1	14	\$126,270
D/A Central Inc	1	2	\$123,901
Digital Science Group LLC	3	3	\$123,892
MSC Industrial Supply Company	1	106	\$123,029
Metro Detroit EITC	1	1	\$122,000
Lutz Roofing Company Inc.	1	4	\$121,367
Detroit Salt Company LLC	1	11	\$120,503
Macomb Mechanical Inc	2	9	\$117,201
Process Improvement Institute Inc.	1	1	\$115,000
DE-CAL Inc	1	4	\$114,692
YSI Incorporated	2	2	\$113,878
Binkelman Corporation	2	20	\$113,527
GDI Services Inc	2	4	\$109,409
SE Michigan Council of Governments	1	2	\$108,584
EJ USA Inc	1	25	\$105,704
United Rentals North America Inc	2	9	\$104,654
JWC Environmental Inc.	1	6	\$104,548
Trendset Communications Group, LLC	1	5	\$103,659
Advance Instrumentation Systems	2	3	\$102,800
Actuator Specialties	1	11	\$101,591
O'Reilly Rancilio P.C.	1	1	\$100,000
Butzel Long PC	1	1	\$100,000
Commercial Construction Inc.	1	4	\$95,771
Albert Kahn Associates Inc.	1	1	\$95,025
Rose Pest Solutions	2	2	\$94,146
FranklinCovey Client Sales Inc.	1	1	\$90,950
Smartsheet Inc	1	1	\$90,000
EnviroCare International Inc.	1	4	\$87,623
Xylem Dewatering Solutions Inc	1	3	\$86,550
MetalFab Inc	1	29	\$84,025
GEA Mechanical Equipment US Inc	1	1	\$80,768
OSIsoft LLC	1	2	\$80,315
Caniff Electric Supply Co., Inc.	1	15	\$79,609
Veolia Water Technologies Canada	1	2	\$77,393
Smith's Waterproofing LLC	2	6	\$75,671
Sunbelt Rentals, Inc.	1	1	\$75,000
Lewis & Munday P C	1	1	\$75,000
Clark Hill	1	1	\$75,000
Proteus Instruments	1	1	\$74,568
Sherwin Williams Company	1	5	\$72,925
Lerch Bates, Inc.	1	1	\$71,019
Seagull Control Systems LLC	1	3	\$70,412
EMC Corporation	1	2	\$69,925
Dunbar Mechanical, Inc.	1	4	\$69,053
Fred's Key Shop	1	4	\$67,729
Titus Welding Company Inc	1	1	\$67,500
MacAllister Machinery Co Inc	1	13	\$67,437
Howard Commercial Door	1	5	\$66,939
Premier Group Associates LC	2	17	\$66,800
Allie Brothers Inc	1	4	\$66,598
W C Ducomb Company	1	18	\$65,985
R.P. Adams	1	1	\$65,594
Michigan.com	1	2	\$64,344
Galloup,Forberg Smith, Merlo Energy	1	9	\$60,483
The Macomb Group Inc	1	34	\$59,448
Wadsworth Solutions Northwest	1	6	\$58,648
Cosa Xentaur Corporation	1	3	\$57,196
Cintas	1	34	\$56,895
ANSYS, Inc.	1	1	\$56,378
Energy Products Inc	1	8	\$56,230
Tracker	1	1	\$53,030

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Christy Glass Company, Inc.	1	4	\$52,655
US Bank	1	8	\$52,200
Valve Reconditioning Service	2	2	\$51,836
Merit Laboratories Inc	1	11	\$51,564
Solomon Diving Inc.	1	2	\$50,895
Miss Dig System Inc.	1	1	\$50,812
USA Bluebook - Main	1	16	\$50,754
Trimble Inc	1	9	\$50,549
Laird Plastics	1	4	\$50,089
Karen Ann Muglia	1	1	\$50,000
Tredroc Tire Services, LLC	1	1	\$50,000
Marsh USA Inc.	1	1	\$50,000
Gray Matter Systems LLC	1	1	\$49,992
Inlay Casting & Repair	1	1	\$49,500
Zachary Sharp	1	1	\$48,675
Bell Equipment Company	2	2	\$48,350
Qmarkets USA Inc.	1	1	\$47,200
Marshall E. Campbell Company	1	22	\$45,875
Interior Environments LLC	2	7	\$45,388
Focus HOPE	1	1	\$45,000
Ancona Controls Inc.	1	4	\$44,021
Heat Engineering Inc	1	1	\$44,000
Jim Myers & Sons, Inc.	1	2	\$43,656
Sehi Computer Products Inc	1	3	\$42,853
Trace Analytical Laboratories Inc	1	4	\$42,709
Corrosion Fluid Products	1	3	\$42,113
Midwest Municipal Instrumentation	1	6	\$41,431
Aerotek Inc.	1	1	\$41,295
L&W Supply	1	1	\$40,100
Sav's Welding Services	1	1	\$40,000
Logan Glass Company	1	1	\$40,000
Weingartz Supply Co., Inc.	1	1	\$40,000
ASTI Environmental	1	1	\$40,000
J. Dedoes Enterprises Inc.	1	1	\$40,000
Innovyze Inc	1	1	\$39,941
Sustema Inc.	1	1	\$39,485
KnowBe4 Inc.	1	1	\$39,396
Aircentric Corporation	1	6	\$38,947
Excalibur Engineering LLC	1	1	\$38,900
Barta Sales LLC	1	9	\$38,805
Michigan Mechanical Insulation	1	3	\$38,418
Michael K. Stenstrom, Ph.D., P.E.	1	1	\$37,960
SkyNorth Software	1	1	\$37,800
Gutermann Inc.	1	1	\$37,540
Wayne County Community College	1	5	\$37,400
West Shore Fire	1	2	\$37,220
Team Industrial Services Inc	1	2	\$35,954
W.S.I. Industrial Services, Inc.	1	1	\$35,520
Communications Professionals Inc	1	14	\$35,421
Powder Bulk Products Inc	1	3	\$35,269
KSB Dubric Inc	1	3	\$34,491
Wade Trim Associates Inc	1	1	\$33,781
Rosemount Analytical Inc	1	4	\$33,709
Harold Beck & Sons Inc	1	2	\$32,968
Federal Pipe & Supply Co Inc	1	33	\$32,686
Newton Manufacturing Company	1	2	\$32,544
SPX Flow US LLC	1	1	\$31,675
Concentra Medical Centers	1	7	\$31,454
Teledyne CETAC Technologies Inc	1	1	\$30,732
Virtual Graffiti Inc	1	1	\$30,553
Waterworks Systems & Equipment Inc	1	5	\$30,084
Detroit Stoker Company LLC	1	2	\$30,066
Teknicolors Paints Inc	1	1	\$30,000
Sabiston Building Supply	1	1	\$30,000
Isle Inc.	2	2	\$30,000
Project Innovations Inc	1	1	\$29,900

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Best Aire Compressors Services Inc	1	9	\$29,545
Robin Cash Ph.D., LLC	1	1	\$29,200
SDSpro LLC	1	1	\$29,090
ADVISA	1	1	\$29,000
Zones Inc	1	6	\$28,945
Baileigh Industrial	1	2	\$28,183
Ayyeka Inc.	1	1	\$28,045
Carahsoft Technology Group	1	1	\$27,968
Dubois-Cooper Associates Inc	1	2	\$27,054
Rosemount Inc	1	3	\$26,975
Pete's Coin Laundry	1	1	\$26,000
Graybar Electric Company	1	16	\$25,417
Modern Water Inc.	1	1	\$25,394
Space Camp LLC	1	1	\$25,200
Friends of the Rouge	1	1	\$25,000
ZOHO Corporation #4926	1	1	\$24,970
KamarOE	1	29	\$24,519
TS Systems, Inc.	1	1	\$24,075
Eastern Oil Company	1	6	\$23,711
Service Electric Supply Inc	1	29	\$23,531
Shimadzu Scientific Instruments Inc	1	4	\$23,280
Ferguson Waterworks	1	2	\$23,201
NOAR Technologies	1	2	\$22,776
Lubrication Engineers Inc.	1	8	\$22,390
Alro Steel Corporation	1	4	\$22,349
Overhead Door West Commercial Inc	1	18	\$21,680
Wolverine Power Systems	2	2	\$21,461
Unconventional Services Inc	1	1	\$20,950
The Transmitter Shop	1	1	\$20,495
ConvergeOne Inc	1	1	\$20,316
S P Kinney Engineers Inc	1	3	\$20,316
Troy's Towing Inc.	1	1	\$20,000
Tarrant Regional Water District	1	1	\$20,000
Versalift Midwest	1	1	\$20,000
L.I.J.B.S. Enterprises, LLC	1	1	\$20,000
Schneider Electric IT USA, Inc	1	1	\$19,390
Safety Services Inc	1	24	\$19,106
TPC Training	1	1	\$19,080
Cincinnati Babbitt Inc	1	2	\$19,068
Powell Fabrication & Manufacturing	1	4	\$18,942
Emerson Process Management	1	2	\$18,638
Ino-Tek Inc	1	6	\$18,454
Core Electric Company Inc	1	5	\$18,268
Boomer Construction Materials	1	1	\$18,000
Air Dimensions Inc	1	2	\$17,851
SBT Instruments A/S	1	3	\$17,339
Major Brand Oil Company Inc	1	3	\$17,284
Uline, Inc.	1	21	\$17,271
Spina Electric Company	1	3	\$16,899
TestAmerica Laboratories Inc	1	2	\$16,782
Newark Element14	1	1	\$16,482
Environmental Resource Associates	1	21	\$16,051
Scaffold Training Institute	1	1	\$16,050
Anderson Process	1	1	\$16,034
BigTime Software Inc.	1	1	\$15,840
Airgas USA LLC	1	3	\$15,617
Henry Ford College	1	4	\$15,267
AMPS Incorporated	1	1	\$15,052
E2intel	1	2	\$15,000
GHD Services Inc.	1	2	\$14,700
Waste Management Of Michigan Inc	2	9	\$14,591
EH Wachs	1	5	\$14,549
SafetySkills, LLC	1	1	\$14,400
Deep Trekker	1	2	\$14,090
Kaizen Painting LLC	1	1	\$14,073
Central Oil LLC	1	2	\$14,050

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Dwyer Instruments Inc.	1	1	\$14,040
G.E. Distribution Service/ipromoteu	1	5	\$14,022
Bearcom	1	4	\$13,927
Transcat Inc	1	6	\$13,918
Kent Air Products Inc	1	1	\$13,675
Consulting-Portal Inc	1	1	\$13,490
Black Anvil Construction Supplies	1	8	\$13,165
Rotor Electric Co	1	2	\$12,900
Durawear Glove & Safety Co. Inc.	1	9	\$12,711
Harrington Industrial Plastics LLC	1	11	\$12,666
Central Poly-Bag Corp	1	7	\$12,550
Cryogenic Pipe Freezing Solutions	1	1	\$12,373
AT&T	1	2	\$12,296
R.S. Means Company LLC	1	2	\$12,190
International Controls & Equipment	2	4	\$11,651
Wesco Distribution Inc	1	1	\$11,478
Thermo Electron North America LLC	1	3	\$11,422
Spalding DeDecker	1	1	\$11,125
Hi-Lo Industrial Trucks Co. Inc.	1	3	\$10,869
TMI Compressed Air System	1	1	\$10,726
Bearing Service Inc	1	6	\$10,447
KVM Door Systems	1	1	\$10,200
Clark Construction Company	1	1	\$9,966
Northern Machining & Repair, Inc.	1	1	\$9,500
Radwell International Inc.	1	3	\$9,494
T & N Services Inc	1	4	\$9,340
Kiesler Police Supply Inc	1	2	\$9,309
Havener Tech	1	1	\$9,000
Dice Career Solution	1	1	\$8,995
Inland Press	1	1	\$8,977
I & C Sales North Inc	1	2	\$8,926
PEA Group	1	1	\$8,810
Curvature Technologies LLC	1	1	\$8,653
Quality Paving	1	1	\$8,640
Medler Electric Company	1	3	\$8,509
Dynamita	1	1	\$8,400
Applied Power and Controls Inc.	1	1	\$8,400
WPEngine Inc.	1	1	\$8,280
LabStrong Corporation	1	3	\$8,260
Unconventional Solutions Inc	1	1	\$8,250
Specialty Maintenance Products	1	2	\$8,142
MIDCOM Data Technologies Inc.	1	1	\$8,018
Butcher & Butcher Construction Co.	1	1	\$7,995
Fife-Pearce Electric Company	1	1	\$7,948
Fairfield Service Co. of Indiana	1	1	\$7,908
Digital Assurance Certification LLC	1	1	\$7,500
Cornerstone Controls Inc	1	2	\$7,435
Fab Tech Wastewater Solutions LLC	1	1	\$7,300
Torch Associates LLC	1	3	\$7,146
BAVCO	1	8	\$7,065
Hotsy Midwest Cleaning Systems	1	1	\$6,999
Tobys Instrument Shop Inc	1	5	\$6,920
HP INC	1	1	\$6,906
EKUIPTECH, LLC	1	3	\$6,682
Engineered Lifting Technologies	1	1	\$6,655
Applied Industrial Technologies Inc	1	3	\$6,638
Allied-Eagle Supply Company LLC	1	8	\$6,534
PTS Professional Technical Service	1	1	\$6,275
Allstate Industrial Equipment	1	3	\$6,110
Nuair Fluid Power Inc	1	2	\$6,072
Apex Companies, LLC	1	1	\$6,000
Gai-Tronics Corporation	1	1	\$6,000
Walz & Krenzer Inc.	1	1	\$5,900
Jack Doheny Companies Inc	1	5	\$5,825
Public Rubber & Supply Co Inc	1	7	\$5,716
White Oak Environmental & Safety	1	1	\$5,701

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Pruftechnik Inc	1	1	\$5,700
FTP Today Inc.	1	1	\$5,700
Complete Battery Source	1	3	\$5,695
Indian Springs Mfg. Co Inc	1	2	\$5,682
Midwest Air Filter Inc	1	6	\$5,615
Choctaw-Kaul Distribution Company	1	12	\$5,545
Brady Worldwide Inc.	1	1	\$5,541
Motorola Solutions Inc.	1	1	\$5,500
Fibre Industries	1	9	\$5,437
Mazzella Lifting Technologies Inc	1	1	\$5,356
Blue Water Air Compressor	1	1	\$5,342
O I Analytical	1	2	\$5,203
Motion Industries Inc	1	3	\$5,138
Würth Baer Supply	1	1	\$5,000
Engineer Supply	1	1	\$4,990
Fluid Process Equipment	1	1	\$4,840
Crown Lift Trucks	1	10	\$4,780
Bearing Headquarters Co	1	4	\$4,707
J.J. Supply Company Inc.	1	3	\$4,651
Cech Corporation	1	1	\$4,639
Kinetics Industries, Inc.	1	2	\$4,621
Enterprise Holding Inc.	1	1	\$4,517
De Nora Water Technologies, LLC	1	1	\$4,476
JCL Snowplow Dealer Inc.	1	1	\$4,399
Giffels Webster	1	1	\$4,320
Discovery Solutions Inc	1	2	\$4,290
Hamlett Environmental Technologies	1	3	\$4,284
Michigan Valve & Fitting Inc	1	6	\$4,095
PTSolutions	1	1	\$4,000
AHB Tooling & Machinery LLC	1	2	\$3,954
Kirk's Automotive Inc	1	17	\$3,945
Commerical Group Lifting Products	1	2	\$3,921
Fluke Electronics Corporation	1	3	\$3,868
Cylinder Recyclers LLC	1	1	\$3,867
Exotic Automation & Supply	1	5	\$3,778
Access Inc	1	1	\$3,675
Nelson Liquid Drive LLC	1	1	\$3,642
VESCO Oil Corporation	1	2	\$3,618
Biotage LLC	1	1	\$3,613
ShredCorp.	1	1	\$3,600
City of Highland Park	1	1	\$3,600
American Water Works Association	1	2	\$3,565
Helwig Carbon Products Inc	1	2	\$3,564
Faro Imaging Solutions	1	1	\$3,500
Advanced Technology Services Inc.	1	1	\$3,491
Johnson Plastics Plus	1	1	\$3,476
Thermo Fisher Scientific Asheville	1	2	\$3,419
Andax Industries LLC	1	7	\$3,364
Trescal	1	2	\$3,336
Visual Workplace Inc.	1	2	\$3,210
Davenport Brothers Construction Co.	1	2	\$3,180
Gexpro	1	1	\$3,178
Cadillac Asphalt LLC	1	1	\$3,125
Conti Corporation	1	3	\$3,046
TForce Freight	1	1	\$3,024
Brooks Lumber Company	1	7	\$3,009
HP Electric Motor Inc.	1	1	\$2,900
Tiger Presentations	1	1	\$2,828
Fisher Scientific Company LLC	1	1	\$2,786
Omega Engineering Inc	1	2	\$2,768
K & K Maintenance Supply Inc	1	3	\$2,761
M C Gutherie Lumber Company	1	5	\$2,698
F B Wright Company	1	2	\$2,664
Teletrac Inc	1	3	\$2,650
Canon Solutions America Inc	1	2	\$2,605
Power Plus Engineering Inc	1	2	\$2,580

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
Consolidated Chemical	1	1	\$2,549
Detroit Training Center	1	1	\$2,500
Eastern Michigan University	1	2	\$2,400
City of Detroit	1	2	\$2,390
Swanky Restroom Trailers	1	1	\$2,300
The Crowley Company	1	1	\$2,300
Farnell Equipment Company	1	1	\$2,300
NSI Lab Solutions Inc	1	2	\$2,298
Ligas Enterprises Inc	1	1	\$2,287
Accredited Lock & Door Hardware	1	2	\$2,279
Gold Coin Laundries LLC	1	1	\$2,200
Michigan Pipe & Valve Inc	1	1	\$2,081
Raven Environmental Products Inc	1	1	\$2,061
Association for Talent Development	1	1	\$2,042
Eaton Engineering Services	1	1	\$2,035
Xylem Water Solutions Usa Inc	1	1	\$2,000
Southeast MI Community Alliance	1	2	\$2,000
ZLED Lighting	1	2	\$1,993
Teledyne Leeman Labs	1	1	\$1,958
Global Environmental Consulting LLC	1	2	\$1,950
Bentley Systems Incorporated	1	1	\$1,926
AVE Office Supplies	1	3	\$1,920
Galloup	1	2	\$1,890
Able Label	1	1	\$1,888
National Ladder & Scaffold Company	1	2	\$1,871
Poco Sales Inc	1	2	\$1,846
Progressive Plumbing Supply Co Inc	1	9	\$1,841
Interstate Trucksource Inc	1	1	\$1,827
Spraying Systems Co.	1	1	\$1,817
Industrial Scientific Corporation	1	2	\$1,794
Parts Super Center	1	1	\$1,744
Bell Fork Lift Inc	1	2	\$1,723
C P E Filters Inc	1	1	\$1,719
Flor Dri Supply Company Inc	1	2	\$1,711
Meco Metals Co	1	2	\$1,640
Identification Lamination Products	1	3	\$1,600
Jan-Supply Detroit, LLC	1	1	\$1,505
Advanced Calibration Designs	1	1	\$1,504
Downriver Refrigeration Supply Co	1	1	\$1,496
Balfrey & Johnston Inc	1	1	\$1,462
RealTech Controls	1	1	\$1,437
Lyon LLC	1	2	\$1,403
Chemtrac Inc	1	2	\$1,355
Cincinnati Time Systems	1	3	\$1,345
Aero Filter Inc	1	5	\$1,341
Watson-Marlow, Inc	1	1	\$1,270
Chemical Systems Inc	1	1	\$1,232
Teledyne Isco	1	2	\$1,227
MSA Safety Sales LLC	1	1	\$1,224
Allegra Marketing Print Mail	1	1	\$1,220
Dani's Transport	1	1	\$1,181
SW Controls Inc	1	1	\$1,145
Central Metallizing & Machine	1	1	\$1,145
Downriver Utility Wastewater Auth.	1	4	\$1,142
Spiral Binding Company Inc	1	1	\$985
Thomson Reuters	1	1	\$984
Michigan Municipal League	1	1	\$970
HD Edwards & Company	1	7	\$892
Jade Scientific Inc	1	2	\$864
Powder Buy The Pound	1	1	\$810
York Repair Inc	1	1	\$809
Dani's Aggregate Inc.	1	1	\$807
Cashco Inc.	1	1	\$786
Contractors Connection Inc	1	1	\$769
McMaster-Carr Industrial Supply Co	1	1	\$729
Schad Refractory Construction Co	1	1	\$729

Appendix B: Great Lakes Water Authority Total FY 2021 Awarded Vendors

Top Ten Awarded Vendors	Contract Executed Count	Purchase Orders Executed Count	Awarded Amount
IDN Hardware Sales, Inc.	1	1	\$728
Drinkpod LLC	1	2	\$720
Empire Equipment & Supply Inc.	1	2	\$674
B & H Machine Sales, Inc	1	2	\$670
Pollardwater	1	2	\$604
Seton	1	1	\$599
YourMembership.com, Inc.	1	2	\$598
Airtech Controls Co	1	1	\$576
United States Plastic	1	2	\$562
Carleton Equipment Co.	1	1	\$561
Hygiena LLC	1	1	\$554
Compressor Engineering Corporation	1	1	\$552
Sell's Equipment	1	1	\$540
ATI Northbrook Operations	1	1	\$540
Morgan Advanced Materials	1	1	\$528
ISE Metal Inc	1	1	\$524
Global Equipment Company Inc.	1	2	\$514
FedEx	1	1	\$511
Deaf Community Advocacy Network	1	1	\$500
GEO Jobe GIS Consulting	1	1	\$500
South Park Welding Supplies Inc	1	1	\$499
Allied Electronics Inc	1	1	\$496
Michigan Water Environment	1	1	\$487
Chart Pool USA Inc	1	1	\$487
PE Energy - Industrialstop	1	1	\$485
Chem Flowtronics Inc.	1	1	\$466
Radiation Safety Services	1	1	\$445
Tintometer Inc.	1	1	\$430
The Lab Depot Inc	1	1	\$407
Service Specialists of America	1	1	\$345
McGard LLC	1	1	\$274
Detroit Legal News	1	1	\$255
Oden Training	1	1	\$250
Wayne County	1	3	\$228
Society For Human Resource Mgt.	1	1	\$219
Prompter People Inc.	1	1	\$199
Wright Tool Co	1	2	\$187
Tri Star Steel Corporation	1	1	\$180
Bearings and Industrial Supply Co	1	1	\$173
HBARSCI, LLC	1	1	\$172
Public Lumber Company	1	1	\$125
Liberty Plumbing Supply Company	1	1	\$116
A-1 Truck Parts Detroit	1	2	\$111
George Instrument Company	1	1	\$102
State of Michigan	1	1	\$100
Gravotech, Inc.	1	1	\$87
ZVerse Inc.	1	1	\$49
Acme Bolt & Nut Co Inc	1	1	\$37
Baker's Gas & Welding Supplies Inc	1	1	\$37
H&H Metals Company	1	1	\$1
Grand Total	173	3426	\$311,461,322

Contract Number	Vendor	Contract Description	Amount (Millions)
GLWA-CON-149	Inland Waters Pollution Control Inc	Emergency Sewer Repair	\$16,242,525
GLWA-DB-226	Jay Dee Contractors Inc.	Repair & Rehab (DRI) from Alter Road to WRRF	\$15,618,818
GLWA-CON-297	Weiss Construction Co LLC	Fairview Sewage Pumping Station Improvements	\$15,229,344
GLWA-CS-272	AECOM Great Lakes, Inc	Capitol Improvement Program Delivery	\$13,684,050
GLWA-PC-792	New England Fertilizer Company	Biosolids Dryer Facility	\$13,058,667
1803258	Walsh Construction Company	CIP 122003 WW Northeast Transmission Project	\$12,687,757
GLWA-DB-150	Ballard Marine Construction LLC	CIP 1327 DB/ Repair PA, Springwell & NE Tunnels	\$11,281,444
1803621	Ric-Man Construction Inc	CIP # 122006 Wick Road 48" Water Main	\$10,703,910
1901658	Lakeshore Global Corporation	Facilities Maintenance Services	\$9,120,725
GLWA-CON-252	Clark Construction Company	SWTP Steam/Condensate Return, & Compress Air	\$8,749,040
1802774	Kokosing Industrial Inc.	Design Build Improvement project of Sedimentation Basin Sluice Gates, Guides & Hoists	\$8,055,989
1900744	Pullman SST, Inc.	Reservoir Rehab (Construction Phase)	\$7,269,564
1900741	Jacobs Consultants, Inc.	CIP 122004 Engineering Services for 2.5 Miles of 96 Inch Transmission Main	\$7,261,215
GLWA-SOQ-135A	Rotor Electric Co	Security Infrastructure Improvements	\$6,185,196
1803776	Commercial Contracting Corporation	Relocation of the Analytical Lab Operations to WRRF	\$5,885,130
1803312	Kokosing Industrial Inc.	West Service Center Reservoir, Pump House and Division Valve Replacement	\$5,274,753
GLWA-CON-158	Lakeshore Global Corporation	Specialized Services Contract	\$5,150,369
GLWA-CON-268	Salenbien Trucking & Excavating Inc	Park - Merriman 24" Watermain	\$4,590,708
GLWA-CON-285	Lakeshore Global Corporation	Wholesale Water Meter Pit Rehabilitation and Meter Replacement	\$4,442,041
GLWA-CON-170	Mobile Dredging & Video Pipe Inc	Percent Complete: CON-170: Sludge Removal & Disposal Services @ NE, SW and Springwells WTP	\$4,441,180
1900134	Barton Malow Company	CIP #14002 Springwells WTP Low Lift Suction Isolation Gate Replacement	\$4,405,523
1804129	Lakeshore Global Corporation	Schoolcraft Raod 48" Water Transmission Main	\$3,901,063
1902658	Marra Services Inc	New Capital Project Rehabilitation of GLWA Outfalls-Phase IV.	\$3,618,440
1802170	Enterprise Fleet Management	Fleet Management Services	\$3,485,650
1900796	Lakeshore Global Corporation	Rehabilitation of Outfalls - Phase II	\$3,376,532
1903312	Major Cement Company	CIP 122013 Phase 1 14 Mile Transmission Main Loop	\$3,274,580
1803025-2	Commercial Contracting Corporation	Job Order Contracting Services (WRRF & CSOs, Water Plants)	\$2,969,110
GLWA-CON-197	Weiss Construction Co LLC	Modification to Incinerator Sludge Feed Systems in Complex II at WRRF	\$2,940,845
GLWA-CS-103	CDM Smith Michigan Inc	Complete: GLWA-CS-10: Pro Engr Svcs for SPWTP Low & High Lift Pumping Station Imp. (\$9,935,926.00)	\$2,705,409
GLWA-CON-238	Weiss Construction Co LLC	Chlorination & Dechlorination Process Equipment Improvements	\$2,704,412
GLWA-CS-299	Jacobs Consultants, Inc.	Complete: CS-299: CSO Facilities Needs Assessment Project	\$2,635,128
2920576	Linde Inc.	Gaseous Oxygen	\$2,082,565
	Praxair Inc	Gaseous Oxygen	\$480,750
GLWA-CON-089A	Lakeshore Global Corporation	Job Order Contract - Low Voltage Wiring Services	\$2,538,643
1802448	Brown and Caldwell LLC	Complete: CS-1802448: 14 Mile Transmission Main Loop CIP# 122013	\$2,337,256
1803823	Weiss Construction Co LLC	CIP # 111007 Lake Huron Clarifier and Sludge Improvement	\$2,182,378
GLWA-CS-119(a)	DXC Technology Services LLC	T&M: CS-119: WAM Support and Enhancement Services (\$ 7,000,000.00)	\$2,114,936
2000610	Lakeshore Global Corporation	CIP 115001- Piping, Valves and Venturi Meters Replace	\$2,010,248
1803025-6	Weiss Construction Co LLC	CCD #1 - LED Lighting Replacement JOC See Req #1903664	\$1,960,444
9172	Kemira Water Solutions	Ferric Chloride	\$1,908,966
GLWA-PC-757	Tooles Contracting Group LLC	Rehab. Rectangular Primary Clarifiers Nos. 15 & 16 @ WWTP CIP 291 (\$51,905,000.00)	\$1,903,405
GLWA-CS-120	Arcadis of Michigan LLC	Complete: CS-120: Freud & Conner Creek Pump Station Improvements Study & Design CIP 1315	\$1,851,370
GLWA-CS-102	Wade Trim Associates Inc	Rehabilitation of Pump Station No. 1 Improvements	\$1,782,711
1902224	Pullman SST, Inc.	CIP 260614, DB Contract for CSO Facilities Structural Improvements	\$1,687,067
1904332	GDI Services Inc	Blanket PO for janitorial services at GLWA facilities for one (1) year 04/06/2020 - 04/05/2021	\$1,633,562
GLWA-CS-166	PMA Consultants LLC	As Needed: Capital Improvement Program Implementation Asst. & Related Services CIP 380401	\$1,620,006
1134	Emerson Process Management	Emerson Projects at WWP and WRRF - Contract #1134 am	\$1,588,994
1803538	Weiss Construction Co LLC	CIP#132006 Ford Road Booster Station Improvements - Discharge Pressure Control	\$1,569,542
GLWA-CON-181	Lakeshore Global Corporation	Water Transmission Main Repair	\$1,470,722
1803769	Arcadis of Michigan LLC	Lake Huron Low Lift /High Lift and Wash Water Pumping Improvements	\$1,467,047
1803942	OHM and WSP, A Joint Venture	CIP 122016 Transmission Loop to the Downriver System	\$1,408,098
GLWA-CS-1747	Brown and Caldwell LLC	Complete: Prof Engineering Svcs for Fairview Sewage Pumping Station Improvements CIP1241	\$1,396,090

Contract Number	Vendor	Contract Description	Amount (Millions)
GLWA-CS-090A	PCI LLC	Complete: Professional Engineering Svcs for Instrumentation & SCADA Sys Svcs CIP 1264 (\$5,663,694	\$1,388,520
GLWA-CON-179	PCI LLC	T&M: CON-179 Professional and Technical Services for Sewer Meter Support	\$1,364,905
1802575	Brown and Caldwell LLC	Complete: CS-1802575: Conveyance System Engineering Services	\$1,312,844
1802745	Ric-Man Construction Inc	Repair of Water Transmission Mains, Valves, Etc.	\$1,312,777
1803705	Arcadis of Michigan LLC	Comprehensive Corrosion Control Optimization Study O&M	\$1,232,057
2000302	Dunbar Mechanical, Inc.	HVAC SERVICE PROVIDED TO WASTEWATER OPERATIONS & CSO STATIONS	\$1,145,962
1904337	Hazen and Sawyer	WRRF PS-2 Bar Racks Replace & Grit Collection System Improvements	\$1,041,975
50817	Motor City Electric Co	Labor, Material and Maintenance for Electrical Switchgear and Power Transformers	\$1,013,622
8901	PVS Nolwood Chemical Inc	Sodium Hypochlorite for CSO Basins kr	\$951,201
1900702	Premier Group Associates LC	Grounds Maintenance Services	\$920,785
GLWA-CS-168	FK Engineering Associates	Complete: CS-168: Rehab of Conveyance System Interceptors and Trunk Sewers CIP 1263	\$901,699
1802179	Polydyne Inc	Flocculant, Organic Polymer	\$897,966
1803709	Applied Science Inc	CIP #222004 Conveyance System Infrastructure Improvements	\$894,796
2000292	Hydromax USA LLC	GLWA New Valve Exercising Project for Field Services for a period of 3 years in the amount of \$4.5 mi	\$887,983
1803025-3	DE-CAL Inc	Job Order Contracting Services (WRRF & CSOs, Water Plants)	\$857,683
GLWA-CON-281	Weiss Construction Co LLC	SWWTP High Lift Pump Discharge Valve Actuators Replacement and HLP System Modification	\$848,858
GLWA-CS-259	Somat Engineering Inc	As-Needed Engineering Services for Concrete Testing, Geotechnical Soil Borings & other Testing Svcs.	\$848,795
1904197	LimnoTech	GLWA Long Term CSO Control Plan Update.	\$832,329
1901569	Dell Computer Corporation	Dell MiDeal Agreement	\$823,646
2001488	Pullman SST, Inc.	CIP 122017 7 Mile / Nevada transmission main	\$807,871
GLWA-CON-109	Lakeshore Global Corporation	Emergency Refurbish of Storm Pump 5 & 7	\$804,194
GLWA-CS-152	CH2M Hill Engineers Inc	Complete: CS-152: Analysis for Transmission Main from WWP TP to NEWTP CIP 122003 (\$2,813,216.63)	\$791,447
1802410	Commercial Contracting Corporation	Rehabilitation of various sampling sites and PS2 Ferric Chloride System	\$749,161
GLWA-CS-151A	Hazen and Sawyer	complete: CIP 170801 Reservoir Inspection, Design and Rehabilattation at Various GLWA Sites	\$747,880
1904254	Dan's Excavating Inc.	CIP 122003 WWP to NEWTP Phase #2	\$714,932
1803483	Schreiber Corporation	CIP# 171501 - Roof Replacements at Various Water Facilities	\$700,786
1905101	J F Cavanaugh Company	Emergency replacement of High Pressure Water Tank	\$692,921
GLWA-CS-198	CH2M Hill Engineers Inc	Complete: GLWA-CS-198: Asset Management Planning	\$677,660
GLWA-CON-234	Weiss Construction Co LLC	Conner Creek CSO Basin Rehabilitation	\$654,527
2000092	Wade Trim Associates Inc	Systems Planning	\$636,976
GLWA-CON-253	Ric-Man Construction Inc	Springwells Water Treatment Plant Reservoir Fill Line Improvements	\$615,216
1901036	LaSalle Construction Services	CIP # 112005 Northeast Water Treatment Plant Replacement of Covers for Process Water Conduits	\$610,082
1900318-6	Wade Trim Associates Inc	Task Order Engineering Services for GLWA	\$589,375
1900456	Atlas Bleachers	Bleacher Design, Installation and Inspections at Water Works Park	\$569,960
1803508	JCI Jones Chemicals Inc	Liquid Chlorine - Springwells am	\$569,772
GLWA-CS-216	Bridgeport Consulting LLC	T&M: Third Party Facilitators - Customer Outreach Programs	\$556,039
GLWA-LS-295	Dickinson Wright PLLC	T&M: Legal Representation subsequent to Lease Agreement with the CofD & Regional Water & Wastewater	\$550,113
2001082	Preventive Maintenance Technologies	Emergency Standby Generator Preventative Maintenance (Water). Replaces req#2000432	\$545,509
4000701 (1900516)	Commercial Contracting Corporation	CIP132007 Imlay Pumping Station - Energy Management Freeze Protection Pump Installation	\$538,881
GLWA-CS-300	CCH Tagetik	CS-300: Implementation Plan am	\$538,738
GLWA-CS-239	CDM Michigan, Inc	T&M: CS-239: Good Sewer Metering Analysis & Support Services	\$533,910
1803594	HESCO Group Inc	Maintenance Service contract for Accusonic Flow Meters at all CSOs (7)	\$47,610
	HESCO Group Inc.	Maintenance Service contract for Accusonic Flow Meters at all CSOs (7)	\$483,480
1903098	Truck & Trailer Specialties Inc.	Blanket PO for Vehicle Up-Fitting 09/01/2019 - 01/12/2021	\$529,394
1803126	Hach Company	Hach Company Combined Purchases	\$520,069
1901995	Conti Corporation	HVAC CONTRACT SERVICES for all GLWA Facilities	\$501,482
GLWA-CS-195	The Foster Group LLC	Financial Management Consulting Services	\$500,000
RFB 1900744	Pullman SST, Inc.	Reservoir Rehab (Construction Phase)	\$469,072
GLWA-PC-795	Tooles Contracting Group LLC	Pumping Station No. 2 Pumping Improvements CIP 961 (\$3,275,000.00)	\$444,697
1703524	Thyssenkrupp Elevator Corp	Elevator Maintenance	\$439,800

Contract Number	Vendor	Contract Description	Amount (Millions)
1901555	Premier Group Associates LC	Snow Removal & De-Icing Svcs for Two (2) Yrs with two - One (1) Year Renewal Opts Begins 11/19/19	\$436,583
2100917	City of Livonia	CIP 122005_1804129 Schoolcraft Rd_IGA City of Livonia and GLWA_10"Sanitary Sewer Installation_Tempora	\$433,955
1803978	Ceridian HCM Inc	Ceridian Human Resources Information Systems (HRIS)	\$428,301
1803025-1	Barton Malow Company	Job Order Contracting Services (WRRF & CSOs, Water Plants)	\$427,006
1901609A	PTS Contracting	CIP No. 260613 - HVAC Improvements at Baby Creek CSO Facility	\$425,125
1903601	CDM Smith Michigan Inc	Yard Piping Engineering Services, CIP 216006 Chuck Reinhart, 297.0154	\$424,143
1802499	HDR Michigan, Inc.	WWP WTP Building ventilation improvements	\$410,815
1903426	The Osborn Engineering Company	TOES: ARC FLASH STUDY	\$408,764
9173	PVS Technologies Inc	Sulfur Dioxide	\$401,074
GLWA-CS-171	Brown and Caldwell LLC	Complete: CS-171: Raw Sludge Clarifiers and Raw Sludge Pumping Station Improvements (\$939,440.00)	\$397,686
4302	JCI Jones Chemicals Inc	1st renewal year of 90-ton Chlorine	\$397,273
1900949	Aquasight LLC	AURA 5.2 Subscription	\$378,567
GLWA-CS-213	NTH Consultants Ltd	T&M: CS-213 Environmental Health and Safety Compliance Services *note added	\$369,622
1801840-1	Carlette Construction & Consulting	Concrete Repairs at WRRF	\$367,469
sw-548	Colasanti Construction Services	Southwest Water Treatment Plant Sludge Treatment and Waste Washwater Treatment Facilities	\$326,172
1803718	Lakeshore Global Corporation	CIP No. 260611 - Construction Work for HVAC Improvements at Leib CSO Facility	\$321,203
1902040	DMC Consultants, Inc.	CIP 260615 - Site Improvements at Leib and Puritan Fenkell CSO Facilities	\$299,298
1902721	PFM Asset Management LLC	Investment Advisor Services	\$293,947
1905077	PCI LLC	Level and flow instrumentation upgrade (Puritan Fenkell & 7 Mile CSOs)	\$266,627
2905129	Waste Management Of Michigan Inc	Disposal, Biosolids Invoice # wsd 02012016	\$256,636
GLWA-LS-140	Dykema Gossett PLLC	T&M: Legal Rep. Consultation & Advice for Highland Park v USEPA	\$250,103
GLWA-CS-006	Broadspire Services Inc	As-Needed: Loss Fund Reimbursement	\$249,903
GLWA-CS-071	Data Consulting Group Inc	T&M: Professional Services Contract (\$4,114,800.00)	\$241,616
1904736	Linko Technology Inc	Linko (PIMS)	\$240,435
1804112	LaSalle Construction Services	7 Mile CSO RTB - Site Improvements	\$239,221
1803025-4	J F Cavanaugh Company	Job Order Contracting Services (WRRF & CSOs, Water Plants)	\$235,018
2850143	Waterfront Petroleum Terminal Co.	Furnish Fuel and Diesel Fuel	\$233,427
LA-1519	New Technology Development	Lease: Analytical Lab at Michigan Center for High Technology	\$229,775
1900318-3	Hazen and Sawyer	Task Order Engineering Services for GLWA	\$229,343
1900902	Regents of the University of Mich.	Asset Management of the Drinking Water Transmission System	\$218,513
2001434	Regents of the University of Mich.	Assessing the Integration of Real Time Control (RTC) Water Management Systems into GLWA's Long Term C	\$216,285
1904860	Idexx Laboratories	Idexx Bacteriological testing materials for Water Plants and Water Quality Lab Place Holder Requisiti	\$206,366
1803456	Rickman Enterprise Group LLC	Scum Disposal and Hauling Contract - 3 Year Contract	\$202,255
GLWA-CS-1671	METCO Services Inc	Complete: CS:1671 Steam, Condensate Return and Compressed Air Piping Imp.@ SPWTP	\$200,828
2001928	Structural Preservation Systems	Kercheval Pipe Renewal Pilot	\$200,760
GLWA-CS-282	WSP Michigan Inc.	GLWA-CS-282: Design and Construction Assistance Services for the Springwell's Administrative Building	\$200,429
1902299	Avante Solutions, Inc.	Information Technology Service Management (ITSM) Tool	\$200,099
GLWA-CS-235	Marsh USA Inc.	Property and Casualty Insurance Brokerage and Ancillary Services	\$200,000
GLWA-CS-201	Professional Service Industries Inc	As Needed: JOC for Const., Environmental, Special Testing, Inspection, & other technical services	\$198,339
2001456	Spence Brothers	Funds Approval Form for SPWTP 1958 Settled Water Conduit and Loading Dock Concrete CIP #114016	\$190,676
1900933	Baker Tilly Virchow Krause, LLP	External Auditor Services	\$189,596
GLWA-CS-055	AECOM Great Lakes, Inc	Complete: Replacement of Yard Piping, Valves, & Venturi Meters at Waterworks Park (\$3,738,149.00)	\$180,963
2001686	Schreiber Corporation	Emergency repair of roof on EB 1 at WRRF	\$179,000
4773	American Gear & Engineering, Inc	Lightning gearbox rehabilitation program	\$176,730
SCO-1015	HORIZON Lab Systems	Laboratory Information Management System (LIMS)	\$176,496
1803821	Trimble Inc	Trimble Unity Implementation and Contract Amendment No. 2	\$174,065
2001498	Commercial Contracting Corporation	Leib Fiberglass Tank Repair	\$171,000
2000284	Johnson Controls Fire Protection LP	Specialized Procurement - Professional Services Contract for the preventative maintenance service Sourcewell	\$169,967
2000382	Plante & Moran PLLC	Management Consulting Services for Fleet Implementation Support	\$169,435
1902084	Plante & Moran PLLC	To extend services for an additional 520 hours for Plante & Moran	\$165,048

Contract Number	Vendor	Contract Description	Amount (Millions)
GLWA-CS-039	Black & Veatch Ltd Of Michigan	Complete: CS-039: Units of Service for Non-Master Metered Customers of GLWA and System Water Audit	\$162,326
1902063 (GLWA-CS-1802146)	Brown and Caldwell LLC	CIP 132012 Ypsilanti Pump Station Improvements	\$159,331
1802146	FM Sylvan, Inc.	Renovation and Upgrade of Suction and Discharge Valves	\$158,001
1904562	Phoenix Environmental Inc	GLWA Fuel Maintenance	\$157,636
GLWA-CS-002(a)	PFM Financial Advisors LLC	Financial Advisory Services	\$157,323
1803025-5	Lakeshore Global Corporation	Job Order Contracting Services (WRRF & CSOs, Water Plants)	\$157,040
2001236	Eastern Oil Company	Warehouse Inventory Items - Industrial Lubricants (PO is now #17099 for WAM blanket)	\$154,233
1903921	Veolia Water Technologies Canada	Baby Creek CSO : Spare Parts Fine Screen Brushes kr	\$150,025
GLWA-CS-036	CDM Smith Michigan Inc	T&M: CS-036: Professional services contract to provide GLWA with this master plan	\$147,863
2001563	Black & Veatch Ltd Of Michigan	Dearborn Master Metering Assistance	\$145,410
GLWA-CS-1749	Alfred Benesch & Associates	Complete: Professional Eng. Svcs for Ford Road Booster Station Improvements CIP 1293 (\$499,579.00)	\$145,206
1905154	Clayton Industries	CLAYTON INDUSTRIES (STEAM GENERATOR REPAIR WATER PLANTS)	\$144,365
2000279	Fishbeck	Springwells Water Treatment Plant Flocculator Drive Replacement	\$112,009
	Fishbeck, Thompson, Carr & Huber	Springwells Water Treatment Plant Flocculator Drive Replacement	\$24,197
GLWA-CS-301	Sigma Associates Inc	Complete: As Needed: General Engineering Services	\$135,043
1164	D/A Central Inc	Intrusion Alarm Maintenance Contract - Security - Contract #1164	\$132,094
1802144	Dykema Gossett PLLC	Contract Title: Government Relations and Legislative Representation Services	\$132,012
GLWA-LS-2001549	Zausmer, P.C.	Legal Representation	\$130,660
2003901	United States Geological Survey	U.S. DEPARTMENT OF THE INTERIOR, U.S. GEOLOGICAL SURVEY, NON-STANDARD JOINT FUNDING AGREEMENT FOR WAT	\$128,500
2001235	Lubrication Engineers Inc.	Warehouse Inventory Items - Lubricants (PO is now #17100 for WAM blanket)	\$126,427
GLWA-CON-254	Weiss Construction Co LLC	Oakwood CSO Control Facility Drain Valve Improvements	\$124,193
2001433	Fleishman Hilliard Inc	Marketing and Communications Services (3 year contract with two 1 year renewals)	\$120,845
1901767	Brown and Caldwell LLC	Complete: CS-1901767: Newburgh BPS Pumping system & Building Upgrades	\$118,258
1900217	Future Fence Company	Blanket po for fence and fence repair, gates, and parking control devices	\$117,611
1900646	Unifirst Corporation	Uniform Rental and Laundering for Water Supply Operations	\$117,095
GLWA-CS-273	Bonfire Interactive Ltd	Bonfire public pro - Renewal Option 2	\$117,000
GLWA-CS-302	Fleishman Hilliard Inc	T&M: Communication and Marketing Services	\$112,909
1902505	Process Wastewater Technologies LLC	Repair service for existing horizontal COPA screens (total 8) at Leib CSO Facility	\$110,900
2001694	Public Sector Consultants	WRAP program design advisor services	\$109,972
GLWA-CS-083	West Coast Labour Systems Corp	Service-Link (Work Force Management System) Maintenance Agreement (\$ 507,400.30)	\$108,497
1901836	Marra Services Inc	Baby Creek CSO Anchor and Wedge Improvement to West End Sewer	\$108,267
2002909	Jett Pump & Valve LLC	Jett pump to replace media in Chlorine scrubber	\$107,999
GLWA-CON-223	Lakeshore Global Corporation	Facilities Maintenance Services	\$106,398
1903598	The Christman Company	Yard Piping, Construction Management CIP 216006 Chuck Reinhart, 297.0154	\$104,375
1900356	Grainger	Warehouse Inventory Items - Safety	\$100,364
LS-2002530	Dickinson Wright PLLC	Midwest Valve v. GLWA	\$99,806
2001402	Michigan State University	COVID-19 / SARS-CoV-2 in Detroit: Surveillance and Prediction	\$99,161
1803810	360water, Inc.	Training Services	\$99,123
1903355	PCI LLC	UPS Replacement	\$96,515
GLWA-CON-250	Weiss Construction Co LLC	Pumping Station 1 Rack & Grit & MP-1 & Jeff Sampling Stating Improvements	\$96,478
1803641	Power Process Piping, Inc.	Remove and Replace 6 Inch Underground Air Blower Line	\$95,264
1803933	Rose Pest Solutions	Pest Control and Extermination Services for Three (3) Years with 2 - 1 Year Renewal Options	\$94,667
1803447	Integrated Power Services LLC	Motor Repair for the Five Water Plants (10/7/19 - 10/6/22)	\$94,533
1900318-4	Hubbell, Roth & Clark, Inc.	Task Order Engineering Services for GLWA	\$92,710
1902702	Interior Environments LLC	Furniture and Flooring -planning, coordination, procurement, installation and warranty services.Fur	\$91,571
2001317	Secure Door LLC	Preparing assessment and repair quotes for selected Overhead doors and hardware at various GLWA facil	\$91,076
1902548B	Johnson Controls Inc.	(HVAC) Pumping Stations Repair and Preventative Maintenance Services	\$89,311
1903258A	Aerotek Inc.	Organizational Development Benefits Team Member am	\$89,123
2002204	Aquasight LLC	APOLLO ADVISER APPLICATION MAINTENANCE & DEVELOPMENT OF NEW DASHBOARDS - (3 year contract with 2 - 1	\$85,900

Contract Number	Vendor	Contract Description	Amount (Millions)
GLWA-CS-160	METCO Services Inc	T&M: CS-160: General Engineering Services (\$479,049.75)	\$84,441
1802543	Hazen and Sawyer	Complete: CS-1802543 Rehabilitation of Ferric Chloride Feed System PS-1 & Complex B Sludge Liines	\$83,988
1076	Cintas	Service - Uniforms	\$81,822
2001831	Plante & Moran PLLC	ERP Implementation Support	\$81,506
GLWA-CS-034	Tetra Tech of Michigan PC	Complete: High Lift Pump Discharge Valve Actuators Replacement at SWTP	\$80,348
2002908	David D. Taylor	Oracle WAM System Specialist for a Three (3) Year Period	\$79,433
1900318-1	Arcadis of Michigan LLC	Task Order Engineering Services for GLWA	\$77,129
3979	Linde Inc.	Lease, Operate, and Maintain the Oxygen Vaporizer	\$4,920
	Praxair Inc	Lease, Operate, and Maintain the Oxygen Vaporizer	\$71,317
2000644	DES Electric LLC	POWER MONITORING INSTALLATION PROJECT	\$75,940
1803448	Birclar Electric & Electronics LLC	Parts and Repair Services for Various Motors	\$75,412
GLWA-PS-074	Hugh Connolly	T&M: PS-074: Oversight of Construction Contractors for Water & Wastewater Treatment (\$300,000)	\$75,270
GLWA-LS-1902591	Zausmer, P.C.	Legal Representation Re: PC-789 and CON-250, Pumping Station #1 & Grit and MPI & Jefferson Sampling	\$74,778
2001574	Emphasys Software	Sympro Debt Management Software	\$74,000
3258	Polydyne Inc	Flocculant, Organic Polymer - Waste Water Treatment Plant	\$73,740
GLWA-PS-246	Robert M Kowal	T&M: PS-246: PSAdministrative Consent Order for the WWTPt (\$178,200.00)	\$73,225
1900318-5	HDR Michigan, Inc.	Task Order Engineering Services for GLWA	\$72,218
1900995	Motor City Electric Co	Electrical Preventative Maintenance and Repair Contract for GLWA Wastewater Facilities	\$71,585
1902548A	Johnson Controls Inc.	(HVAC) Water Treatment Plants Repair & Preventative Maintenance Services	\$71,146
GLWA-CS-257	Lockton Companies LLC	Employee Benefits Broker/Consultant	\$71,069
1803437-1	Kennedy Industries Inc	Pump Repair for the Five Water Plants	\$71,064
1900318-2	Black & Veatch Ltd Of Michigan	Task Order Engineering Services for GLWA	\$71,018
1902059	Michigan State University	Transport and Fate of Nutrients in Biosolids for a Two (2) Year Period	\$70,895
GLWA-CON-133	Lakeshore Global Corporation	Water Plant Production Flow Measurement and Related Facility Improvements	\$70,539
1904862	Geotab USA, Inc.	Purchase of GEOTAB Enterprise Fleet Management Modules for Fleet	\$68,809
1903179	Plante & Moran PLLC	Tagetik Software Implementation	\$68,385
1902536	Waste Management Of Michigan Inc	Refuse & recycling services various locations 10/15/2019 through 10/14/20 with two (2) one (1) year r	\$65,958
2001077	Systems Specialties	Conner Creek CSO : Rotork Repairs / SHCRV-6 Quote: MVRO200226-7	\$63,473
1902151	Wayne State University	PFAS Health and Ecological Impacts: Investigation of PFAS health impacts on humans and wildlife	\$62,357
1803077	CK Environmental, Inc.	Air Emissions Stack Testing Services for Complex 2 Incinerators	\$61,428
GLWA-LS-193	Williams Acosta PLLC	T&M: Provide Legal Representation to GLWA for Highland Park Collection Matters (\$220,000.00)	\$60,859
GLWA-LS-296	Barris Sott Denn & Driker	T&M: National Industrial Maintenance Ins. v City of Detroit Case No. 18004530-CK	\$60,684
GLWA-CS-077	Henry Ford Health System	CS-077: Occupational Health Services - CO#4 (\$120,000.00) - As Needed Services	\$60,312
1904681	Re-Source Partners	IT Asset Disposal Services	\$59,050
1904820	Isle Inc.	Innovation Consultant - Innovation services and technical facilitation	\$57,500
2001326	Madison Electric Company	Wick Road Power Metering - Installation of Power Quality / Power Meter	\$57,070
1802911	PCI LLC	UPS Maintenance Services -- See PO 13503	\$56,959
2003089	Vieux & Associates Inc.	Real-time System Optimization Project (Rain Gauges)	\$56,200
2000261	Phoenix Environmental Inc	Phoenix Environmental Inc. PROPOSAL 23428. Inspection Services Continuation requisition for four mont	\$53,319
GLWA-CS-262	Sigma Associates Inc	Complete: General Engineering Services	\$52,241
1097	Carmeuse Lime & Stone	High Calcium Lime	\$52,156
GLWA-CS-200	CDM Smith Michigan Inc	T&M: GLWA-CS-200: Resident Project Representative and O & M Services CIP 170100 (\$889,785.00)	\$51,434
1803876	Info-Tech Research Group Inc	InfoTech Subscription	\$50,646
2003340	Siemens Industry Inc	THIS REQUISITION IS TO ADD \$ 1,878.00 TO THE FUNDS ON REQ. 2003340	\$50,313
2002035	Valve Reconditioning Service	Lake Huron to have Valve Reconditioning Services restore 2 valves	\$49,999
1901636	Siemens Industry Inc	Robicon 40 & 60 HP 454GT Drive Upgrade	\$48,745
1900624	Industrysafe Inc.	IndustrySafe Proposal	\$48,570
1901904	GHD Services Inc.	Above Ground Storage Tank Inspection for CSO Facilities	\$45,806
Senior and/or Second	The Foster Group LLC	GLWA Portion	\$45,000

Contract Number	Vendor	Contract Description	Amount (Millions)
2000779	Nearmap US Inc.	Nearmap Imagery Subscription	\$45,000
1803350	Hupp Consulting LLC	Consulting Services- Initial term 3 years beginning May 1, 2019	\$44,906
1803013	Emerson Process Management	Optimization of Dissolved Oxygen (DO) Control Process - Offer # WAM17050096 Rev. 7	\$44,426
2002799	Marsh USA Inc.	Property Insurance Renewal Initiative	\$44,262
4000679	Applied Science Inc	Complete: CS-4000679 Services for Water Plant Production Flow Measurement & Related Facility Imp.	\$44,077
2000569	Digital Science Group LLC	Contract for scanning and digitizing documents, blue prints and Operation & Maintenance Manuals that	\$42,847
GLWA-CS-056	Cornerstone onDemand Inc.	Learning Management System with Statement of Work No. 3	\$42,723
1904373	Industrial Furnace Co Inc	Incinerator Fuel Train Systems Inspection and Safety Check	\$42,042
1904449	Brown and Caldwell Constructors	Solicitation Request: Lake Huron Pilot Plant - Design Build Services (CIP 111011)	\$41,520
GLWA-LS-1903589	Littler Mendelson PC	Littler Mendelson, P.C. to assist GLWA in an Employment Matter	\$41,205
1903548	Granicus LLC	Granicus Renewal	\$41,018
1067-1	Kennedy Industries Inc	Service - Pumps & Grinders	\$40,870
1903808	Calls Plus	Ethics and Compliance Hotline Services	\$40,288
1901592	Magnolia River Services Inc.	GIS Strategic Support Services	\$40,280
1802474	Wade Trim Associates Inc	Professional Engineering Services	\$40,172
2004100	Sustema Inc.	Removal and Disposal of existing consoles and installation of new console S	\$39,485
2100149	KnowBe4 Inc.	KnowBe4 (Security Mentor Replacement)	\$39,396
2001492	Crane Technologies Group Inc	Crane repairs for the WWOG/ Req for Water 2002240 waiting approval	\$38,753
1903284	Lakeshore Global Corporation	Springwells Pipe Replacement	\$38,606
1067	Detroit Pump & Mfg Co	Pumps	\$38,223
GLWA-CS-187 (former	FK Engineering Associates	T&M: Inspection, Condition Assessment & Engineering Evaluation of Raw Water Intakes (\$356,078.90)	\$37,870
2002102	CDM Smith Michigan Inc	CDM Smith CAD Specialized Contract request	\$37,847
1803310	Nemeth Law PC	Corey Thomas v. GLWA and Other Related Matters	\$37,810
GLWA-LS-066	Allen Brothers, PLLC	T&M: Legal Rep, Consultation & advice in connection with General Labor Matters	\$37,570
1903597	HDR Michigan, Inc.	Supplemental staffing for WRRF	\$37,361
1903704	Wade Trim Associates Inc	Interim Wet Weather Operation Plan Implementation Assistance	\$37,220
GLWA-LS-2004507	Miller Canfield Paddock & Stone PLC	Legal Representation - General Employment Matters	\$37,030
1901982	Plante & Moran PLLC	Inventory Warehouse Consulting Services	\$36,895
2003625	Smith's Waterproofing LLC	PURCHASE SMITH'S WATERPROOFING TO CAULK AND TUCKPOINT EXTERIOR PARAPET WALL OF EB -1 BUILDING	\$36,600
2000153	Cisco Systems Inc	WebEx Support	\$36,360
1905107	Wade Trim Associates Inc	EVALUATION OF MAXIMIZING CONVEYANCE CAPACITY AT B064 AND B063	\$35,875
LS-2001721	Littler Mendelson PC	Deanne Williams vs Great Lakes Water Authority	\$35,690
GLWA-CS-1732	Tetra Tech of Michigan PC	Complete:Professional Engineering Srvcs for Misc. Mechancial Improvements @ LHWTP	\$35,597
2002180	Siemens Industry Inc	Maintenance of VFD'S for the Dewatering Pumps at WRRF	\$34,306
1903099	HESCO Group Inc	Sewer Flowmeter Installation and Maintenance and Alternative Flowmeter Installation	\$34,047
1900169	Regents of the University of Mich.	Biological Phosphorus Removal Pilot	\$34,016
1900357	Grainger	Warehouse - Cancelled	\$33,870
1900371	Linkedin Corporation	Recruiting/Job Posting (3 Years)	\$33,345
GLWA-LS-221	Attorney Eric V Smith PLC	T&M: Legal Representation, Consultation & advice to GLWA related to Security Matters	\$33,325
2001308	FastSigns Detroit	Vinyl Graphics Services for GLWA Fleet and Facilities	\$33,219
GLWA-LS-031.1	Zausmer, P.C.	Legal Representation, Consultation and Advice - Final Renewal Third Electrical Feed; and EJCDC am	\$33,121
1903529	SkyNorth Software	Trusted Advisor	\$33,075
1802804	OHM Advisors	Capital Improvement Plan Assistance	\$32,890
1802970	Fausone Bohn LLP	General Mill Supply Co., v GLWA and City of Detroit, by and through its Water & Sewerage Department	\$32,706
2001523	Engineering Systems Inc.	Specialized Engineering Analysis for Main Lift Motor #11 (WRRF) & Other Investigations As-Needed	\$32,163
2100156	Plante & Moran PLLC	Vendor Viability Assessment	\$31,513
1803499	GHD Services Inc.	Rehabilitation of Ash Handling Systems at WRRF	\$31,212
1903798	Aero Filter Inc	Warehouse Inventory Items - Filters PO is now #17075 for WAM blanket	\$30,917
2000299	SCI Floor Covering Inc.	Flooring replacement for all GLWA sites	\$30,256
GLWA-LS-1905087	Zausmer, P.C.	Re: Patton Park Easements with Detroit and Dearborn	\$30,220
Senior and/or Second	The Foster Group LLC	GLWA Portion	\$30,000
1903902	RMF Nooter Inc	INCINERATOR SEAL REPLACEMENT FOR #7 & #8	\$29,800
1905080	TWN Consulting LLC	Facilitation and Project Management Services Contract	\$29,551
1602855	Mcnaughton Mckay Electric Company	Tech Connect	\$29,236

Contract Number	Vendor	Contract Description	Amount (Millions)
GLWA-CS-018	BS&A Software	Utility Billing and Cash Receipt Software	\$28,566
1904716	Project Innovations Inc	Continuation of facilitation of project work teams as requested to support Member Oureach	\$27,830
1802858	Collins Einhorn Farrell PC	Legal Representation	\$27,653
1803884	Johnson Controls Fire Protection LP	Service - Remove and Replace Fire Panel	\$27,053
1902433	Michigan CAT	Standby Generator Preventative Maintenance and Repair Services	\$26,587
2002947	Albert Kahn Associates Inc.	200251 Engineering System Services	\$26,310
GLWA-CS-292	METCO Services Inc	Replacement/Rehabilitation of Ferric Chloride System at Pump Station No. 2	\$26,205
GLWA-CS-141	FMLASource Incorporated	Family and Medical Leave Act Administration and Information Services	\$26,079
1903695	Rosemount Analytical Inc	EVALUATION, REPAIR AND COST FOR PGA PROCESS ANALYZERS	\$25,868
1802314	Arcadis of Michigan LLC	Consulting engineering services for HVAC improvements at the Leib CSO Facility.	\$25,532
1904725	Process Improvement Institute Inc.	PHA of Cl2 and SO2 and MOC Training am	\$24,260
1804054	ONYX Engineering Ltd.	St. Aubin CSO Facility Outfall CP-2 (Control Panel 2) Replacement and Relocation	\$24,000
GLWA-SCP-CS-038	AECOM Great Lakes, Inc	Complete: GLWA-SCP-CS-038:Professional Eng. Srvcs. for SPWTP Reservoir Fill Line Imp. CIP 1256	\$24,000
GLWA-CON-270	Weiss Construction Co LLC	Isolation Gate Valves for Line Pumps at the West Service Center Pumping Station	\$23,515
2905948	Polydyne Inc	Polydyne Inc filter polymer - Merge with 3289 (renewal two of three)	\$23,460
GLWA-LS-211	Dykema Gossett PLLC	General Environmental Matters and related Litigation	\$23,451
1133	Capturis	Capturis: Utility Billing Management Services - Contract #SCO-1133	\$23,264
1800646	County Fire Protection Inc	Fire systems maintenance & inspection Services (06/15/18- 06/14/20) all locations	\$22,600
1903833	Systems Specialties	Rotork Pakscan Troubleshooting / Addressing / Report	\$22,200
1803604	ESRI Inc.	ESRI Software Maintenance Renewal - Quotations #25869728 & 25924728	\$21,593
GLWA-LS-2100779	Plunkett Cooney PC	Re: Highland Park Appeal	\$21,520
GLWA-LS-2100757	Butzel Long PC	Negotiation of the I-94 Storm Water Discharge Agreement	\$21,338
1803809	Hubbell, Roth & Clark, Inc.	Lieb & Puritan Fenkell: Engineering Services for Existing Site Drainage Issues	\$21,165
2000014	Quinn Evans	Assessment, Recommendations, and Development to Repair Damage to Hurlbut Memorial Gate	\$21,000
2100896	Unconventional Services Inc	Repair and protective paint services with Uncoventional Services for Odor Control Fa	\$20,950
GLWA-LS-050	Dykema Gossett PLLC	T&M: Legal Representation to GLWA with National Pollutant Discharge Elimination System (\$625,000.00)	\$20,626
1904710	Wayne State University	The Occurrence and Fate of Microplastics in Wastewater and Drinking Water Treatment Systems	\$20,599
2001654	Wade Trim Associates Inc	Service: Seawall Inspection and Structural Engineer Report	\$20,500
2002796	ConvergeOne Inc	AVST/ConvergeOne Voicemail Maintenance	\$20,316
1901566	Incinerator Rx Corporation	GLWA Incinerator MACT MMM Emission Testing Assistance	\$20,085
1801844	Kaleidico LLC	Kaleidico - Website Redesign and Maintenance	\$20,000
2004471	Public Sector Consultants	Public Sector Consultants	\$19,920
1900526	Wade Trim Associates Inc	Instrumentation Improvements - Engineering Services during Construction	\$19,503
1902860	Pluralsight	IT Training (Pluralsight) - Sales Order No. Q-275297	\$19,475
GLWA-LS-1900420	Starr Butler, PLLC	Nicole Massey v Great Lakes Water Authority (GLWA)	\$19,331
2002823	Digital Science Group LLC	WRRF- CSO Digital Records Conversion	\$19,032
1904960	PVS Nolwood Chemical Inc	Sodium Hydroxide	\$18,502
2100339	Motor City Electric Co	Motor city electric to provide emergency assistance with repair/repalcement work with switchgear/cable	\$18,449
1903753	Modern Water Inc.	Repair of deltaxox analyzer, reagents and supplies to run Delta tox analyses for one year at Springwe	\$18,358
2000322	Rose Moving & Storage Co. Inc.	Furniture and Equipment Moving Services	\$18,070
2000343	Eagle Industrial Contracting Inc	Incinerator Damper Door - Maintenance & Repair	\$17,926
2913918	Detroit Salt Company LLC	Salt Rock	\$17,563
2001636	Weingartz Supply Co., Inc.	Blanket PO for for purchase of parts and repairs as needed on GLWA Fleet equipment for 1 year 05/01/2	\$17,056
2003786	Wade Trim Associates Inc	Pump Station Two Grit Channel /Nautical Drone Pilot Study Jason Williams, Engineer, 313.297.0230	\$16,425
1802659	Jackson Lewis P.C.	Attorney shall provide legal representation, consultation and advice	\$16,208
2100382	BigTime Software Inc.	BigTime Renewal	\$15,840
1901340	Gallup Inc	Access Employee Engagement Platform Subscription for Three Years	\$15,750
1904718	Digital Science Group LLC	Digital Imaging Services	\$15,716

Contract Number	Vendor	Contract Description	Amount (Millions)
2002492	United Rentals North America Inc	Blanket PO for equipment rentals as needed by GLWA Fleet for one (1) year 7/1/2020 - 6/30/2021	\$15,218
1905037	PCI LLC	PLC STSTEM UPGRADE	\$15,190
2001396	Santoro Incorporated	Blanket contract for light, medium, and heavy duty truck parts and repair	\$15,183
2000309	Isle Inc.	Artificial Intelligence for Treatment, Network Optimization Technology Scan and Water Quality Sensors	\$15,000
1802860	Plunkett Cooney PC	Legal Representation	\$14,814
2001941	Systems Specialties	Conner Creek Rotork Replacement For SCG - 9 & Puritan Fenkell CSO Trouble Shooting	\$14,794
2002240	Crane Technologies Group Inc	CRANE INSPECTION AND REPAIRS (WATER)	\$14,037
1900227	MSC Industrial Supply Company	Warehouse Inventory Items - Electrical (PO is now #17089 for WAM blanket)	\$13,700
1802878	Hubbell, Roth & Clark, Inc.	Complete: Seven Mile Road Combined Sewer Overflow Basin Renovations	\$13,692
GLWA-LS-2004292	Zausmer, P.C.	Daniels Karim - Claim of Appeal	\$13,343
GLWA-CS-217	Michigan State University	T&M: CS-217 Energy Recovery Assessment (\$355,800.00)	\$12,991
1905014	Linkedin Corporation	LinkedIn Learning Subscription	\$12,500
2000758	Havener Tech	Oakwood CSO : Furnish and Install Geotechnical Polymer/ Water stoppage # 20004	\$12,000
1803542	Pace Analytical	Regulatory Analyses	\$11,920
1030 Battery Mainte	Power Plus Engineering Inc	1031 Battery Maintenance & Testing	\$11,800
2000527	Preferred Contracting Group	Troubleshoot North Hydraulic skid at PS-1	\$11,500
1901453	RJ Stacey LTD	Scheduled and Emergency Repair of Various items at WRRF	\$11,250
1901525	Advance Instrumentation Systems	Service, Supplemental Instrumentation Staff	\$10,800
2004712	Bridgeport Consulting LLC	Bridgeport Consultants Services to assist finance procurment in various area. For two years	\$10,638
GLWA-CS-277	Pure Technologies US Inc	Complete: Fourteen Mile Road PCCP Water Mian Condition Assessment and Pilot Study Evaluation	\$10,500
2000509	Cryogenic Pipe Freezing Solutions	Service - Freezing and replacement of broken valves	\$10,407
2000068	Waste Management Of Michigan Inc	Landfill Service For Lime Stabilized Dewatered Sludge	\$10,393
SCO-1023	ImageSoft Inc	ImageSoft: Amendment No. 1 (SOW #s 1 - 9): Various Subscriptions ESRI/WAM/Web Server Integration	\$10,296
2004700	Project Innovations Inc	Executive and Managerial Training for Water Operations	\$10,235
2003899	International Controls & Equipment	PURCHASE SERVICE AND PARTS TO INSTALL CONTROL BOXES TO ENRTY / EXIT - COPLAND GATE	\$10,175
1901968	Action Mat & Towel Rental	Mat rental services at WRRF for 2 years from 10/1/2019 - 09/30/2021 with two - 1 yr renewal optons	\$10,067
1901155	Environmental Consulting	Drinking Water Monitoring Network Equipment Maintenance & Data Management Services	\$10,000
1904707	Wade Trim Associates Inc	Design and Construction Engineering Services - Oakwood CSO	\$9,902
GLWA-LS-297	Dykema Gossett PLLC	Legal Representation, Consultation & Advise of Boler vs State of Michigan	\$9,744
GLWA-SCP-CS-1721	CDM Michigan, Inc	Complete: GLWA-SCP-CS-1721: Consulting Eng. Srvc @ Leib Screening & Disinfection Facility	\$9,563
1903126	Digital Science Group LLC	New contract to digitally scan documents pertaining to the Springwells plant that are currently store	\$9,520
1903684	Hazen and Sawyer	Grit Removal Optimization - Grit Sampling and Characterization Study	\$9,443
2002946	NTH Consultants Ltd	Environmental Health and Safety Compliance Service Replacement contract for CS-213	\$9,281
GLWA-LS-2003057	Fausone Bohn LLP	Water and sewer services to the City of Dearborn	\$9,102
2003659	PEA Group	Surveying Services for the property located at 5181 East Outer Drive in the City of Detroit, County o	\$8,810
1903303	Wade Trim Associates Inc	Upper Main Rouge River Outfalls Survey Summary	\$8,739
GLWA-LS-1903626	Starr Butler, PLLC	Provide legal representation to GLWA for General Employment Matters	\$8,706
2100477	ASTI Environmental	Environmental Assessment at 5181 E. Outer Dr., Detroit, MI	\$8,480
1153	Cintas	Service - Uniforms	\$8,467
1147	Siemens Industry Inc	Blanket for Siemens - repair/maint. Lake Huron VFD drives -	\$8,328
cs-1771	Tetra Tech of Michigan PC	Complete: Condition Assessment, Design of Filter and Flow Instrumentation	\$7,920
2000388	The Allen Law Group PC	General Employment/ Labor Matters	\$7,890
1700774	Plante & Moran PLLC	Professional Services	\$7,848
1903542	Commerce Controls Inc	Provde supplemental programming staff to configure PLC and SCADA s	\$7,825
LS-1905017	Plunkett Cooney PC	General Organizational Development Matters	\$7,591
GLWA-LS-294	Dickinson Wright PLLC	T&M: Legal Representation, Consultation and Advice in connection with ERISA issues	\$7,510
GLWA-LS-100	Zausmer August & Caldwell PC	T&M: Legal Rep. with vendor performance issues in Construction -CS-1443,CS-1305,CS-1499 (\$200,000.00)	\$7,398
1903456	Amazon Web Services Inc	CS-1903456: 06/2020: Web Services	\$7,355

Contract Number	Vendor	Contract Description	Amount (Millions)
GLWA-LS-139	Williams Acosta PLLC	T&M:Highland Park v USEPA United States District Court Case No. 2: 16-cv-13840-SJM-DRG (\$300,000.00)	\$7,303
GLWA-CS-116	Hubbell, Roth & Clark, Inc.	Complete: CS-116: Conner Creek RTB Emergency Work CIP 1384 (\$ 310,029.80)	\$7,291
1900107	Kopka Pinkus & Dolin PC	General Mill Supply Co v. Great Lakes Water Authority and City of Detroit	\$7,290
1903258	Aston Carter Inc.	NTE Contract for placement fees and recruiting service for Aston Carter & Aerotek, Inc.	\$7,179
GLWA-LS-202	Williams Acosta PLLC	T&M: Property Matters including Sales, Easements, Encroachments, Condemnations & Purchase of Property	\$7,113
GLWA-LS-2000330	Summerville Law Firm PLLC	In re: 5851 W. Jefferson Avenue, Detroit, MI	\$6,943
1904955	Alpha Psychological Services PC	Psychological Assessment & Evaluation	\$6,735
1140	Cintas	Service - Uniforms	\$6,480
GLWA-LS-044	Allen Brothers, PLLC	T&M: Legal Rep, consultation & advice regarding the City of Flint Health Concerns	\$6,303
GLWA-SCP-CS-062	Hubbell, Roth & Clark, Inc.	Complete: CS-062: Line Pump Discharge Design Service	\$6,300
2002275	Wolverine Power Systems	Blanket PO for generator repairs and maintenance at CSF for three (3) years	\$6,050
1802833	Treadwell & Associates Inc	Professional Services Contract	\$6,000
4000700	Dunbar Mechanical, Inc.	04/30/2020: Cooling Unit	\$5,783
1901621	Hennessey Engineers Inc.	Registered Licensed Surveyor	\$5,700
1904795	Kokosing Industrial Inc.	Excavation required to determine what large object is underground and in the path of installation of	\$5,484
1903976	Systems Specialties	7 Mile CSO : Rotork Factory Startup	\$5,280
GLWA-CS-163	Plante & Moran PLLC	Project Management Services	\$5,250
1904037	Echologics LLC	PCCP Transmission Main Non-Destructive Testing	\$4,999
1900230	Black Anvil Construction Supplies	Warehouse Inventory Items - Hardware (PO is now #17082 for WAM blanket)	\$4,898
1902110	Rehmann Robson	Technical Consulting Services	\$4,800
1900251	Binkelman Corporation	Warehouse Inventory Items - Mechanical (PO is now #17101 for WAM blanket)	\$4,763
3082	Polydyne Inc	Polymer	\$4,692
1036 DETROIT LEGA	Detroit Legal News	Detroit Legal News	\$4,657
2001596	Sunbelt Rentals, Inc.	Blanket PO for on demand equipment rentals 05/01/2020 - 04/30/2022 MiDeal	\$4,519
2002514	Re-Source Partners	IT ASSET DISPOSAL SERVICES MiDeal	\$4,500
2002722	Siemens Industry Inc	Siemens Quotation Number: Q2075268-R1 for 3 year TSA (27,000.00/YR) SPV	\$4,500
1901083	Sellinger Associates Inc	Design services for HVAC Controls project for Lab relocation	\$4,200
LA-2001482	Hantz Farms LLC	This Lease is entered into on May 1, 2020, between the Hantz Farm, LLC, located at 26200 American Dr,	\$4,000
2001606	Paragon Laboratories Inc	Sampling	\$3,987
2002349	Michigan CAT	MI Cat - Blanket PO for construction equipment parts and maintenance services for two (2) years	\$3,982
1802235	Heritage Vision Plans	Safety Glasses	\$3,911
1904095	Action Impact - Eastpointe	Firearm Certification Training	\$3,864
GLWA-LS-175	Steven H Schwartz & Associates PLC	Labor Law Matters (\$700,000.00)	\$3,614
GLWA-LS-203	Kitch Drutchas Wagner Valitutti	T&M: Basement Flooding Legislation, Risk Management and Regulatory Matters (\$120,000.00)	\$3,240
2000536	Edward Malindzak	Consulting Services for Compensation Analysis	\$3,225
1802312	Evoqua Water Technologies LLC	PM Services for 4 DI Units twice per year	\$3,187
2003851	Bert's Testing & Training Services	Provide training to GLWA team member for CDL class A and B licenses. Over next 3 years with a 1 year	\$3,006
1902309	Digital Science Group LLC	Digital Scans of Sorted Contract Books, CS Reports, Photos and Shop Drawings Filed in WRRF Document C	\$3,000
GLWA-CS-233	LexisNexis	T&M: Lexisnexis Subscription Agreement (\$20,000.00)	\$2,952
1803422	Iron Mountain	Iron Mountain Storage for FR&A and Treasury Documents 5 Year Contract	\$2,750
GLWA-LS-2004810	O'Reilly Rancilio P.C.	Stoney Creek Villas Apartments - Pond Maintenance	\$2,750
GLWA-LS-043	Ossian Law PC	T&M: Legal Representation to GLWA for Information Techology Contracts (\$750,000.00)	\$2,725
2001970	L.I.J.B.S. Enterprises, LLC	Blanket PO for towing services for all GLWA vehicles	\$2,703
2000876	ShredCorp.	ShredCorp Services Description for REQ 2000876 Shredding Services On-site shredding services to shred	\$2,600
1902806	Process Control Services Inc	Trained Field Service Engineer for Actuator Services	\$2,596
GLWA-LS-131	Neville-Ewell PLLC	T&M:Legal Rep. Consultation & Advice to GLWA with Municipal Matters etc. (\$225,000.00)	\$2,100
1900250	MSC Industrial Supply Company	Warehouse Inventory Items - Industrial Lubricants (PO is now #17086 for WAM blanket)	\$2,079
CS-115	HireRight, LLC	Provide Assistance to GLWA for Background Screening Services (\$ 35,000.00)	\$2,067

Contract Number	Vendor	Contract Description	Amount (Millions)
GLWA-CS-115	HireRight, LLC	Provide Assistance to GLWA for Background Screening Services (\$ 35,000.00)	\$2,062
2001645	Plante & Moran PLLC	Compensation Strategy & Communication for Organizational Development	\$1,881
1803675	Arcadis of Michigan LLC	Complete: Baby Creek: Engineering Services for HVAC Improvements	\$1,871
GLWA-LS-2100663	Clark Hill	Employment/Labor Matter	\$1,776
GLWA-CS-501	Jones Lang Lasalle Michigan LLC	Real Estate Brokerage Services	\$1,700
2864398	RS Technical Services Inc	Various Parts: valves, diaphragms, o-rings, kits, etc.	\$1,607
2001969	Troy's Towing Inc.	Blanket PO for towing services for all GLWA vehicles	\$1,595
GLWA-CS-298	PES Group Inc	Emergency Overhead Installation of 120 kV overhead lines to the 3rd incoming Transformer C	\$1,440
1903931	Discovery Solutions Inc	Faxcore Support	\$1,269
1904515	Towlift Inc	Preventative Maintenance - TRACKMOBILE FOR CHLOR/DECHLOR	\$1,250
GLWA-CS-291	Alfred Benesch & Associates	Complete: General Engineering Services	\$1,057
1903449	Alfred Benesch & Associates	Relocation of Existing Fire Suppression System (design)	\$1,029
2004002	DLT Solutions LLC	BIM 360 Docs Assistance and Support	\$899
2002059	Tredroc Tire Services, LLC	Tredroc Blanket PO for purchase of tires as needed by GLWA Fleet for 1 year 06/01/2020 - 05/31/2021	\$835
2897583	VWR International	JIT Chemicals/Lab Supplies MiDeal	\$789
1804095	Hazen and Sawyer	Expert Opinion Services for Value Engineering of Large Scale Sanitary and Storm Water Facilities	\$720
RFB 1122	Merit Laboratories Inc	Reagent Water Testing for Bacteriological Suitability and Metals	\$670
2002363	Xerox Corporation	Print Shop Upgrade 36 months Omnia Co-Op	\$534
2003099	Macomb Mechanical Inc	Macomb Mechanical Renewals on CSF, WBB, and WRRF HVAC systems	\$529
1903797	MSC Industrial Supply Company	Warehouse Inventory Items - Belts (PO is now #17068 for WAM blanket)	\$495
2101055	Logan Glass Company	One year Blanket PO beginning April 1, 2021, window glass, glass,accessories and tools.	\$463
6898	GDI Services Inc	Blanket PO for janitorial services at GLWA facilities for one (1) year 04/06/2019 - 04/05/2020 am	\$360
2861580	TestAmerica Laboratories Inc	Payment	\$350
GLWA-LS-188	Williams Acosta PLLC	T&M: Legal Rep. to GLWA for Abraham Greer v City of Detroit Case No. 16-012832-CZ (\$300,000.00)	\$222
1900355	Grainger	Warehouse **Cancelled**	\$192
1904458	Clark Hill	Make-up Benefits for a One Year Period - November 8, 2019 - November 8, 2020	\$150
1804145	Schreiber Corporation	7 Mile CSO: Faciliy Roof Repair/Preventative Maintenance	\$0
GLWA-CON-208	Detroit Contracting Inc	WWP WTP Chlorine Disinfection System Replacement and Improvements	-\$31,522
Grand Total			\$321,802,820

Top Ten Vendors Invoiced	Invoice Count	Purchase Order Count	Total Amount (Millions)
DTE Energy	4347	1	\$42,191,257.6
Lakeshore Global Corporation	140	15	\$33,489,508.2
Weiss Construction Co LLC	145	14	\$27,768,272.5
Inland Waters Pollution Control Inc	15	2	\$15,905,946.9
Jay Dee Contractors Inc.	20	2	\$14,804,905.1
AECOM Great Lakes, Inc	25	3	\$13,889,012.6
New England Fertilizer Company	12	2	\$13,018,152.4
AT&T	59	3	\$12,817,343.4
Walsh Construction Company	25	2	\$12,411,855.0
Kokosing Industrial Inc.	43	4	\$12,386,832.7
Ric-Man Construction Inc	39	4	\$11,847,680.8
Ballard Marine Construction LLC	20	2	\$10,967,907.9
Commercial Contracting Corporation	68	6	\$10,488,223.9
Jacobs Consultants, Inc.	23	2	\$9,896,343.2
Pullman SST, Inc.	35	4	\$9,291,002.8
Clark Construction Company	18	2	\$7,505,938.1
Rotor Electric Co	25	4	\$6,031,233.5
Brown and Caldwell LLC	68	6	\$5,721,464.2
State of Michigan - Natural Gas	16	1	\$5,551,291.0
Salenbien Trucking & Excavating Inc	15	2	\$4,786,652.2
Arcadis of Michigan LLC	52	6	\$4,655,005.9
Board of Water Commissioners	70	1	\$4,489,156.5
Mobile Dredging & Video Pipe Inc	5	1	\$4,441,180.2
Barton Malow Company	29	3	\$4,391,977.2
Marra Services Inc	20	3	\$3,587,509.0
Enterprise Fleet Management	11	1	\$3,485,650.4
CDM Smith Michigan Inc	29	6	\$3,384,046.1
PCI LLC	53	9	\$3,221,247.0
Wade Trim Associates Inc	94	11	\$3,197,397.1
Major Cement Company	7	2	\$2,975,680.4
Chemtrade Chemicals US LLC	465	5	\$2,866,334.1
PVS Nolwood Chemical Inc	409	15	\$2,698,226.3
Tooles Contracting Group LLC	9	3	\$2,533,571.3
Linde Inc.	63	4	\$2,258,216.3
DXC Technology Services LLC	13	1	\$2,114,936.0
Hazen and Sawyer	43	6	\$2,113,347.6
Kemira Water Solutions	394	1	\$1,908,966.0
Emerson Process Management	13	5	\$1,647,109.7
PMA Consultants LLC	12	1	\$1,620,006.2
Dunbar Mechanical, Inc.	36	8	\$1,614,099.5
GDI Services Inc	193	6	\$1,587,302.6
Detroit Water and Sewerage	25	3	\$1,524,000.0
CH2M Hill Engineers Inc	22	2	\$1,469,107.1
OHM and WSP, A Joint Venture	12	1	\$1,408,097.6
Premier Group Associates LC	259	14	\$1,367,219.4
Polydyne Inc	157	8	\$1,192,761.4
Motor City Electric Co	36	6	\$1,146,386.4
Water Research Foundation	11	11	\$1,145,036.0
Jack Doheny Companies Inc	8	6	\$1,141,536.6
Dell Computer Corporation	19	10	\$1,086,927.1
Schreiber Corporation	22	16	\$1,047,946.4
JCI Jones Chemicals Inc	145	9	\$971,832.8
Grainger	1074	640	\$959,820.5
FK Engineering Associates	25	2	\$939,568.9
Applied Science Inc	10	2	\$938,872.8
Flowserve US Inc	2	1	\$927,438.6
Marsh USA Inc.	11	3	\$901,321.5
Hydromax USA LLC	8	1	\$887,982.7
DE-CAL Inc	16	2	\$870,814.6

Appendix D: Great Lakes Water Authority FY 2021 Combined Vendors paid by Invoice

J F Cavanaugh Company	34	3	\$858,646.3
Somat Engineering Inc	14	1	\$848,794.5
LaSalle Construction Services	28	3	\$832,907.4
LimnoTech	3	1	\$832,329.3
Waste Management Of Michigan Inc	426	16	\$816,428.0
HESCO Group Inc.	21	14	\$799,997.5
CDW Computer Centers Inc	106	50	\$759,939.9
Dan's Excavating Inc.	4	1	\$714,931.9
Experis US Inc	144	11	\$629,104.7
Mcnaughton Mckay Electric Company	173	120	\$597,713.0
Praxair Inc	16	4	\$590,106.4
Atlas Bleachers	8	1	\$569,960.0
Plante & Moran PLLC	40	9	\$567,760.0
Bridgeport Consulting LLC	13	2	\$566,676.4
Verizon	5	1	\$555,684.0
Preventive Maintenance Technologies	228	2	\$545,509.3
CDM Michigan, Inc	12	2	\$543,473.6
CCH Tagetik	22	2	\$538,737.8
Truck & Trailer Specialties Inc.	55	1	\$529,393.7
Systems Specialties	50	29	\$521,604.2
HDR Michigan, Inc.	26	3	\$520,393.7
Hach Company	167	54	\$520,069.4
Hart EMS Medical Services PLLC	50	2	\$510,025.0
Thyssenkrupp Elevator Corp	29	12	\$503,778.8
Conti Corporation	45	4	\$503,442.5
The Foster Group LLC	19	5	\$490,000.0
Epitec Inc	149	4	\$485,014.3
Regents of the University of Mich.	30	3	\$468,812.8
Aquasight LLC	7	2	\$464,467.0
RS Technical Services Inc	71	63	\$463,221.1
Dykema Gossett PLLC	70	5	\$435,937.1
City of Livonia	1	1	\$433,954.9
Access Interactive	4	1	\$429,052.0
Ceridian HCM Inc	24	1	\$428,301.1
The Osborn Engineering Company	7	1	\$408,764.0
PVS Technologies Inc	10	1	\$401,074.1
PTS Contracting	12	2	\$400,154.2
Waterfront Petroleum Terminal Co.	104	2	\$395,316.8
NTH Consultants Ltd	22	2	\$378,903.6
Black & Veatch Ltd Of Michigan	9	3	\$378,754.0
GALCO Industrial Electronics	83	64	\$376,707.4
Kennedy Industries Inc	25	14	\$356,287.1
Siemens Industry Inc	31	22	\$355,536.2
Carlette Construction & Consulting	5	2	\$354,969.2
Storage Operations LLC	2	1	\$346,278.0
Colasanti Construction Services	2	2	\$334,882.3
Motor City Pipe & Supply Co	251	214	\$327,930.2
JGM Valve Corporation	49	43	\$323,219.0
HESCO Group Inc	9	9	\$323,177.3
Data Consulting Group Inc	14	2	\$322,400.0
Custom Ecology of Ohio Inc	83	3	\$321,791.3
W C Ducomb Company	26	26	\$312,293.0
METCO Services Inc	21	3	\$311,474.9
Oakland County WRC	1	1	\$300,000.0
PFM Asset Management LLC	13	2	\$293,947.2
Zausmer, P.C.	44	5	\$282,121.3
America's Green Line	1	1	\$270,850.0
DMC Consultants, Inc.	14	2	\$269,368.0
Detroit Pump & Mfg Co	38	31	\$269,051.1
VWR International	880	29	\$268,160.2
Broadspire Services Inc	37	1	\$249,903.3
Idexx Laboratories	64	22	\$243,653.6

Appendix D: Great Lakes Water Authority FY 2021 Combined Vendors paid by Invoice

Enterprise Holding Inc.	61	2	\$241,336.4
Linko Technology Inc	3	1	\$240,435.0
Fleishman Hilliard Inc	12	2	\$233,754.4
New Technology Development	6	1	\$229,774.8
State of Michigan	8	2	\$219,786.9
Phoenix Environmental Inc	19	6	\$219,220.6
Alfa Laval Inc	11	10	\$210,295.3
Trimble Inc	19	8	\$208,318.3
FM Sylvan, Inc.	2	2	\$206,275.9
Interstate Trucksources Inc	2	2	\$206,155.9
Rickman Enterprise Group LLC	12	1	\$202,254.6
Structural Preservation Systems	2	1	\$200,760.0
WSP Michigan Inc.	12	1	\$200,429.4
Avante Solutions, Inc.	9	1	\$200,098.7
Professional Service Industries Inc	6	1	\$198,338.7
Johnson Controls Fire Protection LP	31	5	\$195,990.4
Baker Tilly Virchow Krause, LLP	6	1	\$189,596.0
SE Michigan Council of Governments	3	3	\$187,168.0
Johnson Controls Inc.	91	7	\$187,127.8
Michigan State University	14	3	\$183,047.5
American Gear & Engineering, Inc	9	3	\$181,845.0
Cintas	723	38	\$181,493.1
Eastern Oil Company	36	8	\$175,685.0
HORIZON Lab Systems	8	2	\$173,136.0
Spence Brothers	4	2	\$171,608.4
Allingham Corporation	39	13	\$167,014.0
Sigma Associates Inc	25	3	\$165,927.1
Madison Electric Company	37	32	\$164,702.9
Walsh College of Accountancy & B.A.	1	1	\$160,000.0
Experis Finance US LLC	17	3	\$155,807.0
Premier Safety	63	39	\$150,432.1
Capp USA	33	27	\$150,128.0
Veolia Water Technologies Canada	2	2	\$150,025.4
Metro Welding Supply Corporation	224	51	\$149,093.0
Heco Industrial Service Group, Inc.	1	1	\$148,241.0
Clayton Industries	12	5	\$148,053.6
Alfred Benesch & Associates	13	3	\$147,292.0
Crane Technologies Group Inc	56	18	\$146,628.5
MSC Industrial Supply Company	218	114	\$145,255.6
Agilent Technologies Inc	4	3	\$145,224.9
Hubbell, Roth & Clark, Inc.	13	5	\$141,158.1
SEMCO Energy	12	1	\$138,797.8
Rose Pest Solutions	45	3	\$137,592.0
Actuator Specialties	13	13	\$137,329.1
KamarOE	575	30	\$137,268.6
D/A Central Inc	98	2	\$135,480.8
Lubrication Engineers Inc.	21	7	\$131,747.2
Public Sector Consultants	14	2	\$129,892.3
Great Lakes Pump & Supply Co	1	1	\$129,712.3
United States Geological Survey	1	1	\$128,500.0
W.S.I. Industrial Services, Inc.	24	1	\$126,822.5
City of Dearborn	26	1	\$126,716.1
JMK Engineering, Inc	19	1	\$125,312.0
Tetra Tech of Michigan PC	16	3	\$123,864.9
Jett Pump & Valve LLC	5	5	\$122,572.1
Aerotek Inc.	74	2	\$121,018.8
Interior Environments LLC	20	11	\$120,466.0
The Creative Group	51	1	\$119,478.3
Future Fence Company	30	1	\$117,611.0
CDM Constructors Inc	1	1	\$117,508.4
Unifirst Corporation	411	1	\$117,094.6
EJ USA Inc	2	23	\$117,039.2

Appendix D: Great Lakes Water Authority FY 2021 Combined Vendors paid by Invoice

Bonfire Interactive Ltd	1	1	\$117,000.0
Steinhardt Pesick & Cohen, P.C	1	1	\$114,203.3
Forberg Scientific Inc	4	4	\$112,944.0
Fishbeck	4	1	\$112,008.7
Process Wastewater Technologies LLC	1	1	\$110,900.0
Merrick Industries Inc.	1	1	\$110,292.0
West Coast Labour Systems Corp	2	1	\$108,497.2
Zones Inc	3	3	\$107,517.5
JWC Environmental Inc.	5	5	\$105,344.2
The Christman Company	2	1	\$104,374.5
Trendset Communications Group, LLC	6	5	\$103,658.8
Carahsoft Technology Group	3	2	\$103,117.3
GHD Services Inc.	15	4	\$101,572.8
Birclar Electric & Electronics LLC	6	3	\$99,955.0
Sulco Chemicals Limited	19	1	\$99,252.7
360water, Inc.	3	1	\$99,123.0
Commercial Construction Inc.	5	4	\$95,771.3
Power Process Piping, Inc.	1	1	\$95,264.0
Advance Instrumentation Systems	6	4	\$94,940.0
Integrated Power Services LLC	2	1	\$94,533.0
Detroit Salt Company LLC	12	10	\$93,305.6
Howard Commercial Door	7	7	\$92,079.0
Secure Door LLC	75	1	\$91,076.3
FranklinCovey Client Sales Inc.	1	1	\$90,950.0
Digital Science Group LLC	8	5	\$90,114.7
Isle Inc.	4	3	\$87,500.0
Amazon Web Services Inc	12	3	\$86,934.2
Smartsheet Inc	1	1	\$85,000.0
Merit Laboratories Inc	81	15	\$83,078.0
Wayne State University	9	2	\$82,955.3
Xylem Dewatering Solutions Inc	1	1	\$82,688.5
Rosemount Analytical Inc	10	7	\$82,625.1
Vieux & Associates Inc.	19	3	\$80,210.0
David D. Taylor	25	1	\$79,432.8
Nelson Liquid Drive LLC	1	1	\$79,200.0
Wayne Health	1	1	\$79,182.0
National Association of Clean Water	1	1	\$78,955.0
Robert Half Finance & Accounting	10	1	\$78,925.0
Herc Rentals Inc.	65	7	\$78,633.3
Unemployment Insurance Agency	3	1	\$78,320.7
Townsend Search Group, LLC	17	1	\$77,825.0
Littler Mendelson PC	14	2	\$76,894.0
State of Michigan - EGLE	35	1	\$76,864.7
Elvira P. Jenkins	1	1	\$76,662.4
Williams Acosta PLLC	47	4	\$75,497.1
Hugh Connolly	12	1	\$75,270.0
Emphasys Software	2	1	\$74,000.0
Titus Welding Company Inc	4	2	\$73,899.6
Robert M Kowal	12	1	\$73,225.0
Energy Products Inc	10	9	\$73,052.2
Cartridge Savers Inc	130	1	\$73,011.6
Lockton Companies LLC	12	1	\$71,069.4
Ingersoll Rand Company	7	4	\$70,584.4
Seagull Control Systems LLC	3	3	\$70,412.0
Caniff Electric Supply Co., Inc.	31	15	\$70,393.1
Geotab USA, Inc.	17	1	\$68,809.2
DES Electric LLC	4	2	\$68,346.0
Fort Gratiot Charter Township	4	1	\$68,281.6
Yates Industries Inc	14	11	\$67,838.8
OSIsoft LLC	1	1	\$67,815.0
Smith's Waterproofing LLC	7	6	\$67,171.0
Tom Holzer Ford Inc.	1	1	\$66,858.6

Appendix D: Great Lakes Water Authority FY 2021 Combined Vendors paid by Invoice

Arie Farmington LLC	1	1	\$66,600.0
R.P. Adams	1	1	\$65,594.0
A/C Service & Repair Inc.	2	2	\$65,555.0
Santoro Incorporated	9	3	\$65,490.1
Michigan.com	3	3	\$65,472.1
Re-Source Partners	2	2	\$63,550.0
Wayne County Community College	6	6	\$62,935.0
Park Rite Inc	12	1	\$62,400.0
CK Environmental, Inc.	7	1	\$61,428.0
Barris Sott Denn & Driker	11	1	\$60,684.5
Henry Ford Health System	12	1	\$60,312.0
Binkelman Corporation	29	19	\$59,029.8
MetalFab Inc	26	26	\$57,861.0
ANSYS, Inc.	1	1	\$56,377.6
US Bank	15	11	\$55,200.0
39050 Grand River LLC	1	1	\$54,545.6
Kerr Pump and Supply, Inc.	4	2	\$53,961.0
Suburban Haggerty Property, LLC	1	1	\$52,878.4
Miss Dig System Inc.	2	2	\$52,611.7
Carmeuse Lime & Stone	8	1	\$52,156.5
MacAllister Machinery Co Inc	30	14	\$51,889.7
Valve Reconditioning Service	2	2	\$51,835.0
City Of Allen Park	3	1	\$51,694.6
Jim Myers & Sons, Inc.	7	5	\$51,520.0
Info-Tech Research Group Inc	1	1	\$50,646.4
USA Bluebook - Main	18	16	\$50,185.3
Allie Brothers Inc	188	2	\$50,056.5
Gray Matter Systems LLC	1	1	\$49,991.9
DP Brown Of Detroit Inc	18	12	\$49,938.9
Alfonsi Railroad Construction Co	1	1	\$49,786.0
SkyNorth Software	12	2	\$48,825.0
Electrical Workers Insurance Fund	68	1	\$48,578.0
Industrysafe Inc.	2	1	\$48,570.0
Fred's Key Shop	11	5	\$47,195.8
Baileigh Industrial	3	3	\$47,080.3
Detroit Boiler Company	1	1	\$46,895.0
Central Oil LLC	3	3	\$46,718.5
Wadsworth Solutions Northwest	6	6	\$46,718.0
The Macomb Group Inc	66	32	\$46,024.6
Linkedin Corporation	2	2	\$45,845.0
Industrial Furnace Co Inc	2	2	\$45,587.0
Professional Pump Inc	1	1	\$45,514.0
Consumers Energy	92	1	\$45,152.1
Nearmap US Inc.	1	1	\$45,000.0
Hupp Consulting LLC	9	1	\$44,906.0
Univar USA Inc	10	4	\$44,311.0
Plunkett Cooney PC	25	3	\$43,924.4
Marshall E. Campbell Company	34	22	\$43,880.8
Allen Brothers, PLLC	21	2	\$43,873.8
Sehi Computer Products Inc	5	3	\$42,852.8
Cornerstone onDemand Inc.	1	1	\$42,723.0
Fausone Bohn LLP	14	2	\$41,807.1
Granicus LLC	1	1	\$41,018.2
Aircentric Corporation	7	7	\$40,827.0
Calls Plus	2	1	\$40,287.5
Magnolia River Services Inc.	4	1	\$40,280.0
Edwards & Jennings, PC	1	1	\$40,000.0
Innovyze Inc	1	1	\$39,941.3
Graybar Electric Company	46	32	\$39,925.2
Laird Plastics	3	3	\$39,648.8
Sustema Inc.	1	1	\$39,484.9
Vitalsmarts LC	9	1	\$39,455.0

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Access Inc	2	2	\$39,447.8
KnowBe4 Inc.	1	1	\$39,396.0
Barta Sales LLC	11	10	\$39,380.9
Excalibur Engineering LLC	1	1	\$38,900.0
Newton Manufacturing Company	4	4	\$38,332.0
Project Innovations Inc	16	2	\$38,065.0
Nemeth Law PC	13	1	\$37,809.8
Alexander Chemical Corporation	6	2	\$37,723.9
United Rentals North America Inc	16	8	\$37,582.9
Gutermann Inc.	1	1	\$37,540.0
Brown and Caldwell Constructors	2	2	\$37,367.6
DLT Solutions LLC	4	4	\$37,079.7
Midwest Municipal Instrumentation	4	4	\$36,690.1
Cisco Systems Inc	12	1	\$36,360.0
Powder Bulk Products Inc	3	3	\$35,269.0
Christy Glass Company, Inc.	2	2	\$35,251.8
Miller Canfield Paddock & Stone PLC	7	2	\$34,530.0
Gexpro	3	3	\$34,206.3
Stephanie M. Stevenson	2	1	\$33,667.4
Macomb Mechanical Inc	14	11	\$33,531.0
Attorney Eric V Smith PLC	11	1	\$33,325.0
FastSigns Detroit	7	1	\$33,218.9
OHM Advisors	12	1	\$32,890.0
Ancona Controls Inc.	4	3	\$32,667.1
Harold Beck & Sons Inc	3	3	\$32,613.4
HP INC	18	2	\$32,608.3
Cosa Xentaur Corporation	2	2	\$32,445.7
Rosemount Inc	4	4	\$32,442.5
Dubois-Cooper Associates Inc	1	1	\$32,334.0
City of Detroit	36	1	\$32,278.7
The Lab Depot Inc	4	2	\$32,273.4
Engineering Systems Inc.	2	1	\$32,163.4
Michigan CAT	28	5	\$32,122.1
iPROMOTEu.com Inc	1	1	\$32,074.4
Aero Filter Inc	40	3	\$31,797.0
Choctaw-Kaul Distribution Company	35	21	\$31,276.6
Virtual Graffiti Inc	1	1	\$30,553.2
SCI Floor Covering Inc.	1	1	\$30,256.0
RMF Nooter Inc	1	1	\$29,800.0
Cornell Field Vibration Service Inc	27	3	\$29,750.0
ProPac Inc.	1	1	\$29,611.4
TWN Consulting LLC	10	1	\$29,550.5
EnviroCare International Inc.	4	3	\$29,516.5
Communications Professionals Inc	15	14	\$29,420.6
SDSpro LLC	1	1	\$29,090.0
ADVISA	1	1	\$29,000.0
SBT Instruments A/S	4	4	\$28,675.5
BS&A Software	2	1	\$28,566.0
Oracle America Inc	2	2	\$28,125.0
Ayyeka Inc.	1	1	\$28,045.0
Starr Butler, PLLC	25	2	\$28,037.0
Collins Einhorn Farrell PC	8	1	\$27,653.0
Corey Thomas	1	1	\$26,608.2
Albert Kahn Associates Inc.	2	1	\$26,310.0
FMLASource Incorporated	5	1	\$26,079.5
NOAR Technologies	3	3	\$25,976.1
Best Aire Compressors Services Inc	15	7	\$25,975.5
SW Controls Inc	5	5	\$25,413.5
Friends of the Rouge	1	1	\$25,000.0
ZOHO Corporation #4926	1	1	\$24,970.0
Carlson-Dimond & Wright Inc	1	1	\$24,906.0
Federal Pipe & Supply Co Inc	47	35	\$24,529.4

Association of Metropolitan Water Process Improvement Institute Inc.	1	1	\$24,415.0
Fishbeck, Thompson, Carr & Huber	2	1	\$24,260.0
ONYX Engineering Ltd.	1	1	\$24,197.0
Capturis	12	1	\$24,000.0
Ferguson Waterworks	2	2	\$23,264.0
Tracker	14	2	\$23,201.4
Waterworks Systems & Equipment Inc	3	3	\$23,150.0
County Fire Protection Inc	1	1	\$23,115.0
Alro Steel Corporation	4	4	\$22,600.0
S P Kinney Engineers Inc	3	3	\$22,349.3
AVE Office Supplies	95	4	\$21,885.5
ESRI Inc.	3	1	\$21,782.0
Safety Services Inc	28	23	\$21,593.2
Durawear Glove & Safety Co. Inc.	9	9	\$21,458.4
Butzel Long PC	2	1	\$21,438.4
Mount Holly Ski Resort Inc	1	1	\$21,337.5
Quinn Evans	5	1	\$21,101.0
Havener Tech	2	2	\$21,000.0
Unconventional Services Inc	1	1	\$21,000.0
Pace Analytical	13	2	\$20,950.0
CL, LLC	1	1	\$20,772.0
The Transmitter Shop	1	1	\$20,521.6
Akeel & Valentine PLC	1	1	\$20,495.0
ConvergeOne Inc	2	1	\$20,417.0
Incinerator Rx Corporation	2	1	\$20,315.6
Kaleidico LLC	16	1	\$20,085.0
Schneider Electric IT USA, Inc	3	2	\$20,000.0
American Tower Management LLC	14	1	\$19,867.0
Henry Ford College	3	3	\$19,822.4
Pluralsight	1	1	\$19,493.9
TPC Training	1	1	\$19,475.0
Cincinnati Babbitt Inc	2	2	\$19,080.0
Modern Water Inc.	14	5	\$19,068.0
Frontier Communications	9	1	\$18,357.9
Rose Moving & Storage Co. Inc.	1	1	\$18,231.3
Wolverine Power Systems	9	3	\$18,070.0
Eagle Industrial Contracting Inc	1	1	\$17,927.2
Overhead Door West Commercial Inc	18	17	\$17,926.0
Air Dimensions Inc	2	2	\$17,910.5
Qmarkets USA Inc.	1	1	\$17,850.6
Teri J Gorman PLLC	1	1	\$17,400.0
Major Brand Oil Company Inc	3	3	\$17,317.8
Preferred Contracting Group	2	2	\$17,283.6
Weingartz Supply Co., Inc.	6	1	\$17,250.0
Environmental Resource Associates	24	21	\$17,055.9
Newark Element14	1	1	\$16,953.1
Jackson Lewis P.C.	11	1	\$16,481.6
Scaffold Training Institute	1	1	\$16,207.9
Anderson Process	1	1	\$16,050.0
Service Electric Supply Inc	32	26	\$16,034.0
BigTime Software Inc.	1	1	\$15,899.8
Core Electric Company Inc	4	4	\$15,840.0
Gallup Inc	1	1	\$15,783.1
Canfield Equipment Service Inc	2	2	\$15,750.0
Ritter US LLC	1	1	\$15,698.6
Enerco Corporation	4	1	\$15,375.0
Solomon Diving Inc.	3	2	\$15,188.0
E2intel	2	2	\$15,160.0
Powell Fabrication & Manufacturing	3	3	\$15,000.0
Xerox Corporation	14	3	\$14,972.4
Evoqua Water Technologies LLC	9	7	\$14,905.7
			\$14,829.3

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Paragon Laboratories Inc	21	5	\$14,639.0
Recycle Waste Services Inc.	3	1	\$14,479.1
SafetySkills, LLC	1	1	\$14,400.0
Scientific Methods Inc	13	1	\$14,245.0
Power Plus Engineering Inc	2	2	\$14,100.0
CSX Transportation	9	1	\$13,916.6
SD Myers Inc.	2	2	\$13,797.0
Uline, Inc.	32	20	\$13,664.7
Kent Air Products Inc	2	1	\$13,629.0
Trace Analytical Laboratories Inc	18	5	\$13,600.5
Consulting-Portal Inc	1	1	\$13,490.0
Black Anvil Construction Supplies	30	7	\$13,377.2
TestAmerica Laboratories Inc	16	4	\$13,322.5
G.E. Distribution Service/ipromoteu	5	5	\$13,303.8
KSB Dubric Inc	1	1	\$13,208.0
EH Wachs	4	4	\$12,909.4
MSC Filtration Technologies	1	1	\$12,769.3
Perkinelmer Health Sciences, Inc	2	1	\$12,452.0
Transcat Inc	4	4	\$12,358.4
R.S. Means Company LLC	2	2	\$12,190.0
Spina Electric Company	2	2	\$12,111.0
DTE Energy - Primary	1	1	\$12,000.0
International Controls & Equipment	5	5	\$11,846.0
Wesco Distribution Inc	6	1	\$11,478.0
Harrington Industrial Plastics LLC	15	11	\$11,409.4
RJ Stacey LTD	3	1	\$11,250.0
O I Analytical	3	3	\$11,229.5
Thermo Electron North America LLC	2	2	\$10,810.8
TMI Compressed Air System	1	1	\$10,659.4
HM Environmental Services Inc.	1	1	\$10,525.0
Pure Technologies US Inc	1	1	\$10,500.0
Bearing Service Inc	6	6	\$10,446.1
Boomer Construction Materials	60	1	\$10,412.9
Cryogenic Pipe Freezing Solutions	1	1	\$10,407.0
Sunbelt Rentals, Inc.	6	2	\$10,303.5
ImageSoft Inc	8	1	\$10,295.6
KVM Door Systems	1	1	\$10,200.0
Bell Equipment Company	2	2	\$10,150.0
Ino-Tek Inc	4	4	\$10,092.0
Action Mat & Towel Rental	28	1	\$10,067.0
Environmental Consulting	10	1	\$10,000.0
Federal Railroad Administration	1	1	\$9,625.0
West Shore Fire	1	1	\$9,542.5
Michigan Mechanical Services Inc	1	1	\$9,500.0
Northern Machining & Repair, Inc.	1	1	\$9,500.0
Ram Meter Inc.	2	1	\$9,451.8
T & N Services Inc	4	4	\$9,339.5
Kirk's Automotive Inc	22	17	\$9,212.7
Dice Career Solution	1	1	\$8,995.0
Inland Press	1	1	\$8,977.0
Marsh Power Tools, Inc	23	1	\$8,926.0
I & C Sales North Inc	2	2	\$8,920.7
PEA Group	2	1	\$8,810.0
Consolidated Chemical	2	2	\$8,781.5
Quality Paving	1	1	\$8,640.0
Crown Lift Trucks	19	12	\$8,529.6
McLaren Port Huron Industrial	6	1	\$8,494.0
Bearcom	3	3	\$8,486.0
ASTI Environmental	1	1	\$8,480.0
Dynamita	1	1	\$8,400.0
Robin Cash Ph.D., LLC	6	1	\$8,352.0
WPEngine Inc.	1	1	\$8,280.0

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Unconventional Solutions Inc	1	1	\$8,246.6
Specialty Maintenance Products	2	2	\$8,141.6
Visual Workplace Inc.	6	5	\$8,056.8
MIDCOM Data Technologies Inc.	1	1	\$8,017.6
Fife-Pearce Electric Company	1	1	\$7,948.0
Fairfield Service Co. of Indiana	1	1	\$7,908.5
The Allen Law Group PC	3	1	\$7,890.0
Commerce Controls Inc	1	1	\$7,825.0
Bearing Headquarters Co	7	6	\$7,509.4
Zausmer August & Caldwell PC	7	1	\$7,397.5
Canon Solutions America Inc	19	3	\$7,331.1
Fab Tech Wastewater Solutions LLC	1	1	\$7,300.0
Kopka Pinkus & Dolin PC	11	1	\$7,290.2
Allied-Eagle Supply Company LLC	11	10	\$7,248.5
Advanced Technology Services Inc.	4	2	\$7,232.6
Aston Carter Inc.	3	1	\$7,179.2
Galloup,Forberg Smith, Merlo Energy	7	5	\$7,061.5
Corrosion Fluid Products	2	2	\$7,060.4
BAVCO	9	9	\$7,059.3
Space Camp LLC	1	1	\$7,000.0
Hotsy Midwest Cleaning Systems	1	1	\$6,990.0
Summerville Law Firm PLLC	10	1	\$6,943.0
Gold Coin Laundries LLC	20	2	\$6,915.4
Applied Industrial Technologies Inc	4	4	\$6,774.4
Alpha Psychological Services PC	9	1	\$6,735.0
Engineered Lifting Technologies	1	1	\$6,655.0
Compass Minerals America Inc.	1	1	\$6,633.9
American Fence Supply Co Inc	1	1	\$6,619.5
Sentinel Technologies, Inc.	9	1	\$6,600.0
Continental Carbon Group Inc	4	1	\$6,460.0
Curvature Technologies LLC	3	1	\$6,350.1
PTS Professional Technical Service	1	1	\$6,275.0
Midwest Air Filter Inc	6	6	\$6,246.9
Digital Assurance Certification LLC	3	1	\$6,200.0
Allstate Industrial Equipment	3	3	\$6,110.1
Wright Tool Co	4	3	\$6,081.6
Sherwin Williams Company	32	5	\$6,054.9
Central Poly-Bag Corp	6	6	\$6,050.0
Treadwell & Associates Inc	3	1	\$6,000.0
Gai-Tronics Corporation	1	1	\$6,000.0
Michigan Mechanical Insulation	2	2	\$5,729.1
White Oak Environmental & Safety	1	1	\$5,701.0
FTP Today Inc.	1	1	\$5,700.0
Hennessey Engineers Inc.	1	1	\$5,700.0
Complete Battery Source	3	3	\$5,694.8
EMP Industries Inc	1	1	\$5,630.6
M&E Sales LLP	1	1	\$5,523.0
Michigan Valve & Fitting Inc	5	5	\$5,319.3
Fibre Industries	8	8	\$5,259.5
Detroit Legal News	7	3	\$5,236.8
Cech Corporation	2	2	\$5,017.0
Echologics LLC	1	1	\$4,999.0
Engineer Supply	1	1	\$4,990.0
DTN LLC	12	2	\$4,944.0
EKUIPTECH, LLC	2	2	\$4,897.0
Fluid Process Equipment	1	1	\$4,839.9
Rehmann Robson	1	1	\$4,800.0
JCL Snowplow Dealer Inc.	1	1	\$4,399.0
The Crowley Company	2	2	\$4,298.0
United Parcel Service	140	1	\$4,288.8
Hamlett Environmental Technologies	3	3	\$4,257.0
Pruftechnik Inc	1	1	\$4,231.5

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Sellinger Associates Inc	3	1	\$4,200.0
Quadient Inc.	13	2	\$4,191.1
Torch Associates LLC	2	2	\$4,178.0
HireRight, LLC	9	1	\$4,129.8
Port Huron Glass Inc	1	1	\$4,127.0
EMC Corporation	1	1	\$4,014.0
Hantz Farms LLC	10	1	\$4,000.0
JEM Industries, Inc.	7	4	\$3,915.1
Heritage Vision Plans	11	1	\$3,911.0
Action Impact - Eastpointe	6	1	\$3,863.5
American Water Works Association	3	3	\$3,859.2
Tobys Instrument Shop Inc	8	7	\$3,846.0
Shimadzu Scientific Instruments Inc	2	2	\$3,824.0
Indian Springs Mfg. Co Inc	1	1	\$3,705.0
VESCO Oil Corporation	3	2	\$3,618.2
Steven H Schwartz & Associates PLC	5	1	\$3,613.8
Biotage LLC	3	1	\$3,612.9
United States Treasury	1	1	\$3,574.2
Sabiston Building Supply	29	2	\$3,539.5
Spalding DeDecker	1	1	\$3,525.0
Faro Imaging Solutions	1	1	\$3,500.0
Public Rubber & Supply Co Inc	7	7	\$3,496.2
Johnson Plastics Plus	2	1	\$3,475.6
YSI Incorporated	2	1	\$3,445.1
Graybar Electric	3	2	\$3,260.0
Kitch Drutchas Wagner Valitutti	3	1	\$3,240.0
Edward Malindzak	1	1	\$3,225.0
Scaffolding Incorporated	1	1	\$3,187.8
Davenport Brothers Construction Co.	2	2	\$3,180.0
National Ladder & Scaffold Company	1	1	\$3,099.9
Bert's Testing & Training Services	1	1	\$3,006.3
Detroit-Wayne Joint Building Auth	1	1	\$3,000.0
UPS Freight	14	1	\$2,969.7
LexisNexis	12	1	\$2,952.0
B&H Photo-Video	1	1	\$2,946.9
AHB Tooling & Machinery LLC	1	1	\$2,926.8
Marine Pollution Control Corp	2	1	\$2,902.0
HP Electric Motor Inc.	1	1	\$2,900.0
J. Dedoes Enterprises Inc.	8	1	\$2,884.6
Brooks Lumber Company	7	7	\$2,853.9
Quadient Leasing USA Inc.	5	1	\$2,827.5
Renee Walker & Associates LLC	1	1	\$2,800.0
Identification Lamination Products	4	4	\$2,784.5
Cadillac Asphalt LLC	1	1	\$2,768.6
Iron Mountain	36	1	\$2,750.4
O'Reilly Rancilio P.C.	1	1	\$2,750.0
Ossian Law PC	5	1	\$2,725.0
Discovery Solutions Inc	14	2	\$2,718.9
L.I.J.B.S. Enterprises, LLC	4	1	\$2,703.3
Medcor Inc	11	1	\$2,688.0
F B Wright Company	3	2	\$2,663.6
Andax Industries LLC	6	6	\$2,616.6
ShredCorp.	1	1	\$2,600.0
Process Control Services Inc	2	1	\$2,596.0
Detroit Training Center	1	1	\$2,500.0
LabStrong Corporation	2	2	\$2,449.3
Michfab Machinery Inc.	2	1	\$2,400.9
Jones Equipment Rental	1	1	\$2,400.0
Eastern Michigan University	2	2	\$2,400.0
Omega Engineering Inc	1	1	\$2,397.7
Swanky Restroom Trailers	2	1	\$2,300.0
Farnell Equipment Company	1	1	\$2,300.0

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Ligas Enterprises Inc	1	1	\$2,287.0
Accredited Lock & Door Hardware	4	3	\$2,278.5
American Red Cross	10	1	\$2,269.5
JJ Curran Crane Company	1	1	\$2,230.0
HH Barnum Company	2	1	\$2,159.7
Concentra Medical Centers	10	7	\$2,158.5
Neville-Ewell PLLC	2	1	\$2,100.0
Michigan Pipe & Valve Inc	1	1	\$2,080.6
Analytical Technology Inc	1	1	\$2,064.1
Raven Environmental Products Inc	1	1	\$2,060.5
Wolverine Rental & Supply Inc	1	1	\$2,059.3
Thermo Fisher Scientific Asheville	4	1	\$2,047.9
Teknicolors Paints Inc	18	2	\$2,040.8
Eaton Engineering Services	1	1	\$2,035.0
Pure Data Services, LLC	7	2	\$2,013.6
Southeast MI Community Alliance	2	2	\$2,000.0
ZLED Lighting	2	2	\$1,985.2
Global Environmental Consulting LLC	5	3	\$1,950.0
Truckntow.com	1	1	\$1,947.9
Clark Hill	3	2	\$1,926.0
Bentley Systems Incorporated	1	1	\$1,926.0
Galloup	2	2	\$1,889.6
NSI Lab Solutions Inc	1	1	\$1,873.0
Able Label	1	1	\$1,858.5
Action Automation	1	1	\$1,831.0
Spraying Systems Co.	1	1	\$1,816.8
Chavond-Barry Engineering Corp.	1	1	\$1,800.0
City of Highland Park	1	1	\$1,800.0
Teletrac Inc	14	5	\$1,797.6
J.J. Supply Company Inc.	3	2	\$1,754.4
Flor Dri Supply Company Inc	2	2	\$1,711.1
Cashco Inc.	3	2	\$1,704.9
Jones Lang Lasalle Michigan LLC	1	1	\$1,700.0
Team Industrial Services Inc	2	2	\$1,662.2
City of Troy	2	1	\$1,650.3
Meco Metals Co	2	2	\$1,640.0
Metro Detroit EITC	1	1	\$1,600.0
Troy's Towing Inc.	10	1	\$1,595.0
C P E Filters Inc	1	1	\$1,581.3
Poco Sales Inc	2	2	\$1,576.5
L&W Supply	7	1	\$1,573.4
IDN Hardware Sales, Inc.	2	2	\$1,568.8
Envirosolids, LLC	1	1	\$1,545.0
Contractors Connection Inc	2	2	\$1,538.0
Medler Electric Company	3	3	\$1,506.4
Jan-Supply Detroit, LLC	1	1	\$1,505.0
Downriver Refrigeration Supply Co	1	1	\$1,496.1
K & K Maintenance Supply Inc	2	2	\$1,482.3
Progressive Plumbing Supply Co Inc	11	10	\$1,469.1
Balfrey & Johnston Inc	1	1	\$1,461.6
PES Group Inc	1	1	\$1,440.0
RealTech Controls	1	1	\$1,437.0
Lyon LLC	2	2	\$1,402.5
Chemtrac Inc	2	2	\$1,340.0
Watson-Marlow, Inc	1	1	\$1,270.1
Michigan Municipal League	2	2	\$1,269.8
Towlift Inc	1	1	\$1,250.0
Xylem Water Solutions Usa Inc	1	1	\$1,244.1
Trescal	2	1	\$1,224.0
M C Gutherie Lumber Company	3	3	\$1,221.3
Commerical Group Lifting Products	3	2	\$1,221.3
MSA Safety Sales LLC	1	1	\$1,220.8

Appendix D: Great Lakes Water Authority FY 2021 Combined Vendors paid by Invoice

Central Metallizing & Machine	1	1	\$1,145.0
Powder Buy The Pound	2	2	\$1,084.9
Bell Fork Lift Inc	1	1	\$1,070.1
Comcast Business Communication, LLC	1	1	\$1,061.3
Kinetics Industries, Inc.	1	1	\$1,009.9
EnviroScience, Inc.	1	1	\$1,000.0
GEO Jobe GIS Consulting	2	2	\$1,000.0
Detroit Stoker Company LLC	1	1	\$987.6
Thomson Reuters	1	1	\$984.0
Fluke Electronics Corporation	1	1	\$950.0
Cornerstone Controls Inc	1	1	\$926.2
Lutz Roofing Company Inc.	2	2	\$904.3
Detroit Contracting Inc	3	2	\$897.4
HD Edwards & Company	8	7	\$891.8
Jade Scientific Inc	3	2	\$864.0
Downriver Utility Wastewater Auth.	3	3	\$848.0
Tredroc Tire Services, LLC	2	1	\$835.5
York Repair Inc	1	1	\$808.7
Dani's Aggregate Inc.	1	1	\$807.0
Wex Bank	8	1	\$755.8
Schad Refractory Construction Co	1	1	\$728.6
FedEx	9	2	\$725.5
Drinkpod LLC	2	2	\$719.6
Advance Plumbing & Heating Supply	1	1	\$691.6
Empire Equipment & Supply Inc.	2	2	\$674.3
B & H Machine Sales, Inc	2	2	\$669.7
City of Novi	4	1	\$637.4
Bulldog Records Management Inc	12	1	\$633.0
Teledyne Isco	1	1	\$604.0
Pollardwater	2	2	\$603.6
Seton	4	1	\$599.4
North Channel Graphics	1	1	\$588.0
Hygiena LLC	1	1	\$554.0
Compressor Engineering Corporation	1	1	\$552.0
Airgas USA LLC	2	2	\$547.4
Sell's Equipment	1	1	\$540.2
ATI Northbrook Operations	1	1	\$540.0
Exotic Automation & Supply	4	3	\$539.0
Morgan Advanced Materials	1	1	\$528.0
ISE Metal Inc	1	1	\$524.0
Deaf Community Advocacy Network	1	1	\$500.0
South Park Welding Supplies Inc	2	1	\$499.0
Allied Electronics Inc	1	1	\$496.2
Chart Pool USA Inc	1	1	\$487.0
Helwig Carbon Products Inc	1	1	\$470.5
Chem Flowtronics Inc.	1	1	\$466.3
Logan Glass Company	1	1	\$463.2
Mail Delivery Service	2	1	\$456.5
United States Plastic	1	1	\$455.1
Macomb County Department of Roads	1	1	\$450.0
Hi-Lo Industrial Trucks Co. Inc.	1	1	\$448.9
ANL Spring Manufacturing Company	1	1	\$446.0
Carleton Equipment Co.	1	1	\$445.6
Radiation Safety Services	1	1	\$445.0
Tintometer Inc.	2	1	\$430.5
State of Michigan - WRD	1	1	\$400.0
State of Michigan - MIOSHA	1	1	\$400.0
City of Romulus	7	1	\$386.3
Charter Township of Plymouth	11	1	\$372.1
Fastsigns	1	1	\$370.5
Michigan Water Environment	2	1	\$337.0
Cincinnati Time Systems	2	2	\$335.0

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Dal-Tile Distribution	2	1	\$324.9
Eurofins Eaton Analytical Inc	3	1	\$315.0
City of Wayne - Water Department	6	1	\$309.9
Wayne County Treasurer	2	1	\$309.6
Shelby Township DPW	4	1	\$307.4
Monroe County Road Commission	1	1	\$300.0
McGard LLC	1	1	\$274.4
Dani's Transport	1	1	\$260.4
State of Michigan - LARA	2	1	\$240.0
Society For Human Resource Mgt.	1	1	\$219.0
Tri Star Steel Corporation	1	1	\$180.0
Radwell International Inc.	1	1	\$159.2
Josie Pranter	1	1	\$156.3
City of Roseville Water Department	4	1	\$127.8
Signs & More	1	1	\$126.0
Liberty Plumbing Supply Company	1	1	\$115.9
A-1 Truck Parts Detroit	2	2	\$110.9
Treasurer, City of Detroit	1	1	\$107.0
George Instrument Company	1	1	\$102.2
Airtech Controls Co	1	1	\$73.6
LARA	1	1	\$60.0
Wayne County	1	1	\$59.2
ZVerse Inc.	1	1	\$49.5
SmartSign	1	1	\$38.4
Baker's Gas & Welding Supplies Inc	4	1	\$36.7
Gravotech, Inc.	1	1	\$33.9
City of Southfield	13	1	\$33.0
City of Rochester Hills	6	1	\$14.5
(blank)	1	1	
Maple Press LLC	1	1	-\$70.0
McMaster-Carr Industrial Supply Co	2	2	-\$3,405.1
Robert Thomas CPA, LLC	1	1	-\$3,500.0
Imagemaster, LLC	2	1	-\$5,897.3
Glassdoor, Inc.	1	1	-\$12,100.0
BondLink	1	1	-\$23,749.1
PFM Financial Advisors LLC	11	2	-\$43,077.5
S&P Global Ratings	1	1	-\$93,150.0
Moody's Investors Service Inc	1	1	-\$114,500.0
Fitch Ratings Inc	2	2	-\$120,000.0
Dickinson Wright PLLC	35	5	-\$257,665.8
Grand Total	20529	3799	\$413,052,933.5