

Annual Procurement Report for FY 2022 includes the following:

1. Report Highlights
2. Key Terms & Assumptions
3. Fiscal Year analysis of awarded Purchase Orders executed in FY 2022
4. Fiscal Year analysis of invoices processed for payment in FY 2022
5. Detailed Appendices

Pursuant to the Great Lakes Water Authority By-Laws Article XII, Section 4, GLWA Procurement provides an annual report summarizing all spend awarded (Purchase Orders) by the GLWA in the previous fiscal year. In addition, this report provides statistics and analysis based on actual invoice spend for FY 2022.

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.
- ✓ Optimize the percentage of awards attributed to a contract.
- ✓ Identify, procure, manage, and maintain strategic suppliers and key contracts.

Purchase Order (Awarded by Procurement) Totals

- ✓ Procurement awarded for FY 2022 totaled \$536.3 million.
- ✓ Procurement executed 3,259 purchase orders and 235 contracts.
- ✓ Procurement processed 4,262 requisitions.
- ✓ Over 89 percent of all awarded purchase orders are connected to a formal contract.

Invoice (Accounts Payable) Totals

- ✓ Total combined spend by invoice for FY 2022 totaled \$455.1 million.
- ✓ Accounts Payable processed 22,278 invoices including payments relating to 3,695 purchase orders.
- ✓ Invoice payments directly attributable to a purchase order totaled \$377.6 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 extend 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 Procurement activity and **purchase orders awarded and executed in FY 2022**.

Table 1 – GLWA FY 2022 Total Combined Contracts/Purchase Orders Awards. This chart identifies the total contracts/purchase orders administered through Procurement. Procurement processed 3,529 Purchase Orders and 4,262 Requisitions, totaling \$536.3 million in FY 2022.

Table 1 – GLWA FY 2022 Total Combined Contracts/Purchase Orders Awards

| Purchase Order Type | Amount Awarded (Millions) |
|-----------------------|---------------------------|
| Contract | \$475.1 |
| Purchase Order | \$61.2 |
| Grand Total | \$536.3 |

Chart 1 – Total Awarded Contracts/Purchase Orders as a % of Total Purchase Orders Issued. This chart highlights the continuing emphasis Procurement places on capturing a majority of awarded spend under the protection of a formal contract. In addition to providing legal safeguards and quality of service protections, contracts restrain costs by reducing the number of purchase order’s and combining purchases to drive down costs. In FY 2022 Procurement awarded \$475.1 million or 89% of the total awarded spend directly tied to a formal agreement (contract).

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

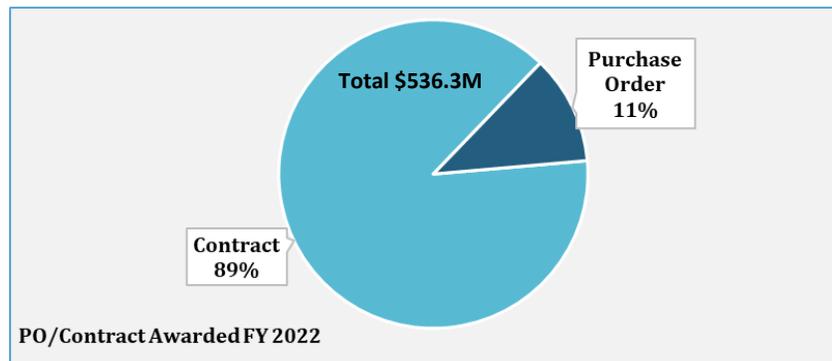


Table 2 – Average Amount of Contracts and Purchase Orders FY 2022. The average contract awarded by Procurement was just over one million dollars.

Table 2 – Average Amount of Contracts and Purchase Orders FY 2022

| Award Type | Count of Purchase Order | Amount Awarded (Millions) | Average Award |
|-----------------------|-------------------------|---------------------------|--------------------|
| Contract | 235 | \$475.1 | \$2,021,602 |
| Purchase Order | 3294 | \$61.2 | \$18,601 |
| Grand Total | 3529 | \$536.3 | \$151,983 |

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

Table 3 - FY 2022 Top Ten Largest Contracts awarded by Dollar Value. These top ten contracts represent \$338.9 million or 63% of the total awarded contracts/purchase orders for FY 2022. A complete listing of contracts awarded over a million dollars for fiscal year 2022 can be found in Appendix A.

Table 3 - FY 2022 Top Ten Largest Contracts awarded by Dollar Value

| Contract | Contract Description | Vendor | Amount Awarded (Millions) |
|--------------------|--|-------------------------------------|---------------------------|
| 2004456 | 14 Mile Transmission Main Loop | Ric Man/Clark Joint Venture | \$92.5 |
| 2004825 | (CMAR) for 96-Inch Water Transmission Main Relocation | Kiewit Infrastructure Co | \$65.4 |
| 2102187R | Oxygen Nitrogen Supply and Service Agreement | Linde Inc. | \$36.0 |
| 2102834 | Facilities Maintenance Services - Staff Augmentation (Skilled) | Lakeshore Global Corporation | \$29.9 |
| 1902659 | Linear System Integrity Program | HDR Michigan, Inc. | \$29.0 |
| 2102000 | Emergency & Urgent Sewer Evaluation, Repair and Rehab | Inland Waters Pollution Control Inc | \$26.8 |
| 2004082 | Rehabilitation of Woodward Sewer System | Lanzo Companies, Inc. | \$18.7 |
| 2003730 | Water transmission main, valve and other priority repairs. | Lakeshore Global Corporation | \$15.0 |
| 2003102 | Garland, Hurlbut, Bewick Water Transmission System Rehab | Pullman SST, Inc. | \$12.9 |
| 1904231 | Northeast Water Treatment Plant Flocculator Replacement | Commercial Contracting Corporation | \$12.7 |
| Grand Total | | | \$338.9 |

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

Table 4 - FY 2022 Top Ten Vendor Total Awards. These top ten vendors represent \$380.5 million or 71% of the total awarded contracts/purchase orders for FY 2022. A complete list of combined awards for all vendor issued in FY 2022 can be found in the Appendix B.

Table 4 - FY 2022 Top Ten Vendor Total Awards

| Vendor | Amount Awarded (Millions) |
|-------------------------------------|---------------------------|
| Ric Man/Clark Joint Venture | \$92.5 |
| Lakeshore Global Corporation | \$72.0 |
| Kiewit Infrastructure Co | \$65.4 |
| Linde Inc. | \$36.0 |
| HDR Michigan, Inc. | \$29.0 |
| Inland Waters Pollution Control Inc | \$26.8 |
| Lanzo Companies, Inc. | \$18.7 |
| Commercial Contracting Corporation | \$18.6 |
| Pullman SST, Inc. | \$12.9 |
| JCI Jones Chemicals Inc | \$8.6 |
| Grand Total | \$380.5 |

Fiscal Year Spend Analysis

The following tables and charts highlight GLWA Accounts Payable activity and **paid invoice totals for FY 2022**.

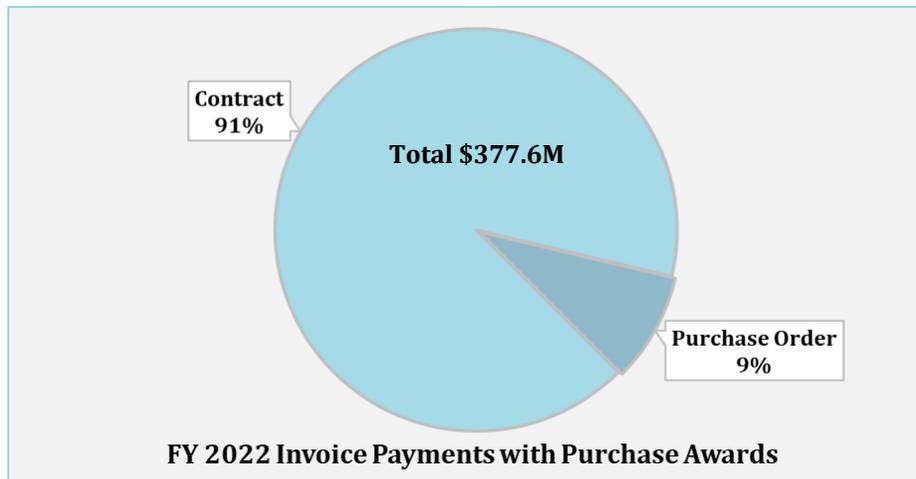
Table 5 - This table identifies GLWA's total spend by Invoice for FY 2022. The spend is further divided by purchase type. Both contracts and purchase orders have been awarded by Procurement prior to any invoicing by the vendor. Invoices directly related to a purchase order totaled \$377.6 million (\$344.4 million contract total plus \$33.2 million purchase order total in Table 5) representing 83% 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 \$77.5 million and represent less than 17% of total annual spend.

Table 5 - GLWA's total spend by Invoice for FY 2022

| Invoice Type | Amount (Millions) | Percentage of Total |
|--------------------------|-------------------|---------------------|
| Contract | \$344.4 | 76% |
| No Purchase Order | \$77.5 | 17% |
| Purchase Order | \$33.2 | 7% |
| Grand Total | \$455.1 | 100% |

Chart 2 - Total Spend directly related to a Purchase Order Award (with or without a Contract). This chart emphasizes Procurement's focus on identifying opportunities to capture 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 organizes the spend between Operations and Maintenance (O&M), Capital Improvement Plan (CIP), and Capital Outlay.

Chart 3 – Total Spend by Expense Type



*Includes small purchase payments

Table 6 - Top 10 Projects under each Expense Type identifies the top project invoices during the fiscal year. These combined top ten projects represent 67% of the total spend for FY 2022.

Table 6 - Top 10 Projects Invoiced FY 2022

| Project Type | Project Description | Amount (Millions) | Percentage of Grand Total |
|-------------------------|--|-------------------|---------------------------|
| O&M | Water Administration and General Expense | \$53.7 | 11.81% |
| | Sewerage Treatment Operations | \$37.8 | 8.30% |
| | Sewer Plant Administration | \$19.6 | 4.31% |
| | Water Source of Supply Operations | \$17.0 | 3.73% |
| | Water Low Lift Pump Operations | \$15.7 | 3.44% |
| | Water General Operating & Maintenance | \$10.5 | 2.30% |
| | Water Care & Maint Tunnels-Detroit | \$10.0 | 2.21% |
| | Water Pumping Stations Operations | \$9.4 | 2.07% |
| | CSO - Control Basins Operations | \$8.1 | 1.79% |
| | Sewer Operations Secondary Sedimentation | \$7.0 | 1.53% |
| O&M Total | | \$188.8 | 41.48% |
| CIP | PA,SW and NE Raw Water Supply Tunnel Imp | \$22.2 | 4.87% |
| | Divison Valves at West Service Center | \$15.5 | 3.42% |
| | WWP to NEWP Transmission Main | \$14.2 | 3.12% |
| | 14 Mile Transmission Main Loop | \$14.2 | 3.11% |
| | Fairview Sewage Pumping Station Imprvmts | \$8.9 | 1.95% |
| | Replacement Schoolcraft Water Main | \$8.8 | 1.94% |
| | Springwells WTP Low and High Lift Improv | \$8.5 | 1.87% |
| | Repair of WTM, Valves, & Priority Repair | \$8.1 | 1.78% |
| | Steam,Condensate Return Improvement SWTI | \$7.1 | 1.57% |
| | Imlay, WCS,LH,SP,SW Reservoir Inspection | \$6.1 | 1.34% |
| CIP Total | | \$113.6 | 24.95% |
| Capital Outlay | PQM Meters at 9 CSO Facilities | \$0.8 | 0.17% |
| | Upgrades & New Meter Technology | \$0.5 | 0.12% |
| | Complex B TWAS Piping Reconfiguration | \$0.3 | 0.07% |
| | Freud Installation of DTE Furnished Equi | \$0.3 | 0.07% |
| | MLP #1 Pull-Out Assembly Refurb & Rplcmt | \$0.3 | 0.07% |
| | NEP High Pressure Water Tank (Emergency | \$0.3 | 0.06% |
| | Puritan Fenkell/7 Mile CSO Inst Upgrade | \$0.1 | 0.01% |
| | Chlorination Facility Railcar Gate Acces | \$0.0 | 0.01% |
| | Puritan-Fenkell Courtyard & Safety Imprv | \$0.0 | 0.01% |
| | Capital Outlay Total | | \$2.7 |
| Top Ten Subtotal | | \$305.0 | 67.02% |
| Grand Total | | \$455.1 | 100.00% |

Top Ten Contracts – Key Contracts comprising a majority of actual spend FY 2022.

Table 7 – Top Ten Contracts in actual spend for FY 2022 provides a list of the largest contracts that captured FY 2022 spend. These ten contracts account for \$127 million or 28% of FY 2022 total spend. A complete listing of contracts with over a million dollars in spend for FY 2022 can be found in Appendix C.

Table 7 – Top 10 Contracts in actual spend for FY 2022

| Contract | Contract Description | Vendor | Amount (Millions) |
|--------------------|---|----------------------------------|-------------------|
| GLWA-DB-150 | Repair of Raw Water Tunnels | Ballard Marine Construction LLC | \$23.7 |
| 1803312 | WSCR Pump House & Division Valve | Kokosing Industrial Inc. | \$17.1 |
| GLWA-PC-792 | Bio-Solids Dryer Facility | New England Fertilizer Company | \$16.0 |
| 2004456 | 14 Mile Transmission Main Loop | Ric Man/Clark Joint Venture | \$12.9 |
| GLWA-CS-272 | Capital Program Delivery Contract | AECOM Great Lakes, Inc | \$11.1 |
| 1901658 | Facilities Maintenance Services | Lakeshore Global Corporation | \$10.0 |
| 1803258 | (DB) Northeast Flow Control Facility | Walsh Construction Company | \$9.7 |
| 2003730 | Water trans main, valve & other repairs | Lakeshore Global Corporation | \$9.3 |
| GLWA-CON-170 | Sludge Removal and Disposal Services | Mobile Dredging & Video Pipe Inc | \$8.8 |
| GLWA-CON-149 | Emergency Sewer Repair CIP 1263 | Inland Waters Pollution Control | \$8.4 |
| Grand Total | | | \$127.0 |

Top Ten Vendors - The top vendors that dominated GLWA's FY 2022 actual spend.

Table 8 – Top Ten Vendors by Total Spend highlights the vendors receiving a majority of spend for FY 2022. These top ten vendors comprise \$218.5 million or 48% of total invoices paid. A complete list of vendors issues invoices in FY 2022 can be found in Appendix D.

Table 8 – Top Ten Vendors Total Spend

| Vendor | Amount (Millions) |
|--|-------------------|
| DTE Energy | \$43.8 |
| Lakeshore Global Corporation | \$42.3 |
| Ballard Marine Construction LLC | \$22.2 |
| Weiss Construction Co LLC | \$20.2 |
| Kokosing Industrial Inc. | \$18.3 |
| Pullman SST, Inc. | \$15.9 |
| New England Fertilizer Company | \$15.9 |
| AT&T | \$15.8 |
| AECOM Great Lakes, Inc | \$12.5 |
| Ric Man/Clark Joint Venture | \$11.6 |
| Grand Total | \$218.5 |

**DTE & AT&T (utility spend)*

Detailed Appendices

Appendix A – FY 2022 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, 2021, through June 30, 2022.

Appendix B – FY 2022 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, 2021, through June 30, 2022.

Appendix C – FY 2022 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, 2021, through June 30, 2022.

Appendix D – FY 2022 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, 2021, through June 30, 2022.

| Contract | Contract Description | Vendor | Amount (Awarded) |
|-------------|---|-------------------------------------|------------------|
| 2004456 | 14 Mile Transmission Main Loop | Ric Man/Clark Joint Venture | \$92,468,705 |
| 2004825 | (CMAR) for 96-Inch Water Transmission Main Relocation | Kiewit Infrastructure Co | \$65,435,980 |
| 2102187R | Oxygen Nitrogen Supply and Service Agreement | Linde Inc. | \$36,000,000 |
| 2102834 | Facilities Maintenance Services - Staff Augmentation (Skille | Lakeshore Global Corporation | \$29,881,439 |
| 1902659 | Linear System Integrity Program | HDR Michigan, Inc. | \$29,012,865 |
| 2102000 | Emergency & Urgent Sewer Evaluation, Repair and Rehab | Inland Waters Pollution Control Inc | \$26,800,000 |
| 2004082 | Rehabilitation of Woodward Sewer System | Lanzo Companies, Inc. | \$18,695,250 |
| 2003730 | Water transmission main, valve and other priority repairs. | Lakeshore Global Corporation | \$15,000,000 |
| 2003102 | Garland, Hurlbut, Bewick Water Transmission System Reha | Pullman SST, Inc. | \$12,947,776 |
| 1904231 | Northeast Water Treatment Plant Flocculator Replacement | Commercial Contracting Corporation | \$12,699,000 |
| 2100891 | Rehabilitation of Outfall B-38 | Lakeshore Global Corporation | \$9,742,646 |
| 2001051 | Southwest Water Treatment Plant SCADA Network Upgrade | Burns & McDonnell Michigan Inc. | \$7,891,696 |
| 2004549 | Lake Huron Water Treatment Plant - Flocculation Improven | CDM Smith Michigan Inc | \$7,869,811 |
| 2102824 | Rehabilitation of NW Interceptor - 8 Mile Rd to Tireman | Lakeshore Global Corporation | \$6,934,703 |
| 2002193 | Southwest Water Treatment Plant Chlorine Scrubber and R | Kokosing Industrial Inc. | \$6,840,000 |
| 2000274 | 1 Enterprise Resource Planning System Subscription Servic | Workday | \$6,260,170 |
| 1904219 | Enterprise Asset Management System Software and Implem | NEXGEN Asset Management | \$5,680,491 |
| 2004773 | Low Voltage Wiring Task Order Services | Lakeshore Global Corporation | \$5,639,560 |
| 2100330-5 | 2022 Job Order Contract | J F Cavanaugh Company | \$3,562,500 |
| 2100330-3 | 2022 Job Order Contract | Clark Construction Company | \$3,562,500 |
| 2100330-2 | 2022 Job Order Contract | Weiss Construction Co LLC | \$3,562,500 |
| 2100330-7 | 2022 Job Order Contract | DE-CAL Inc | \$3,562,500 |
| 2100330-4 | 2022 Job Order Contract | Lakeshore Global Corporation | \$3,562,500 |
| 2100330-8 | 2022 Job Order Contract | Commercial Contracting Corporation | \$3,562,500 |
| 2100330-1 | 2022 Job Order Contract | Major Contracting Group | \$3,562,500 |
| 2100330-6 | 2022 Job Order Contract | FH Paschen | \$3,562,500 |
| 2100998 | East Avon Early Works Pipe Material Procurement for the 9 | Northwest Pipe Company | \$2,843,263 |
| 2102618 | Complete rehabilitation of screens | Commercial Contracting Corporation | \$2,326,000 |
| 2101765 | Hauling of Biosolids to Disposal Sites | DHT Transport | \$2,297,500 |
| 2002915 | Redesign of Circular Scum System and Scum Concentration I | Arcadis of Michigan LLC | \$2,240,403 |
| 1903453 | Systems Control Center Support Services | PCI LLC | \$2,028,000 |
| 2100136 | Piping Hanger Replacement at Hubbell Southfield CSO Faci | Weiss Construction Co LLC | \$1,642,510 |
| 2101048 | GLWA TPA Services | PMA Management Corp | \$1,630,000 |
| 2200346 | VMWARE Cloud Disaster Recovery as a Service | Access Interactive | \$1,605,755 |
| 2004474 | UPS Maintenance Service Contract for CSO and WRRF Facilit | PCI LLC | \$1,537,000 |
| 2103317 | Emergency Procurement for City of Detroit Public Lighting I | Ferndale Electric Company Inc | \$1,526,300 |
| GLWA-CS-210 | Legal Services | Wade Trim Associates Inc | \$1,500,000 |
| 2102509 | Independent Engineering Firm to Provide Analysis and Rep | AECOM Great Lakes, Inc | \$1,295,000 |
| 2103206 | Emergency Replacement of Effluent Butterfly Valves Actuato | Lakeshore Global Corporation | \$1,280,000 |
| 2102026 | Aura 6.0 and annual maintenance | Aquasight LLC | \$1,217,500 |
| 2101766A | Hauling and Disposal of Ash | DHT Transport | \$1,161,000 |
| 2200373 | WRRF PS No. 1 HVAC Equipment | ThermalNetics LLC | \$1,109,000 |
| 2100575 | Replace and/or upgrade necessary components associated w | Rotor Electric Co | \$1,029,090 |
| 2200330 | Water Residential Assistance Program (WRAP) Administrat | Wayne Metro | \$875,000 |
| GLWA-CS-210 | Legal Services - Expert Witnesses | Brown and Caldwell LLC | \$850,000 |
| 2001370 | Effluent Channel Stop-Logs, Storage Racks, and Lifting Devic | Ballard Marine Construction LLC | \$830,000 |
| GLWA-LS-210 | Legal Contract for June 25th & 26th, 2021 Rain Events | Schenk & Bruetsch PLC | \$750,000 |
| GLWA-LS-210 | Investigation into June 25-26, July 2-3, July 16 & July 24, 202 | Kerr, Russell and Weber, PLC | \$750,000 |
| GLWA-LS-210 | June and July 2021 Rain Events | Dickinson Wright PLLC | \$750,000 |
| 2102500 | Esri Licensing for all Water operations | ESRI Inc. | \$750,000 |
| 2101032 | St. Aubin Outfall Improvements | Marra Services Inc | \$656,710 |
| 2103952 | Restoration of the area, impacted by the installation of Own | Nagle Paving Company | \$611,639 |
| GLWA-LS-295 | Legal Rep. subsequent to Lease with COD & Regional water | Dickinson Wright PLLC | \$608,413 |
| GLWA-LS-220 | Highland Park Contract Negotiations | Dykema Gossett PLLC | \$600,000 |
| 2102864 | Data-Driven Decision-Making Framework for Risk Managen | Regents of the University of Mich. | \$590,179 |
| 2104064 | Pilot Plant Research, Collaboration and Renovation Services | Wayne State University | \$584,114 |
| 2202091 | General maintenance for all grit collector needs. | Titus Welding Company Inc | \$500,000 |
| GLWA-CS-002 | Financial Adviser | PFM Financial Advisors LLC | \$473,000 |
| 2103717 | Repair of motor to specifications | Integrated Power Services LLC | \$409,480 |
| 1803126 | Chemicals and Laboratory Supplies | Hach Company | \$409,162 |
| 2102046 | Masonry, concrete repair and structural restoration of histo | Ram Construction Services of Michig | \$404,010 |
| GLWA-LS-210 | Real Property Matters | Zausmer, P.C. | \$400,001 |
| 2103919 | Sludge Thickening Tank Repair - As-needed | Titus Welding Company Inc | \$400,000 |
| GLWA-LS-210 | Environmental Matters | Dykema Gossett PLLC | \$375,000 |
| 2103704 | Framer Consulting Services | Framer Consulting Services LLC | \$312,000 |
| GLWA-LS-220 | Review of Life Insurance Claims | Collins Einhorn Farrell PC | \$300,000 |
| 2102587 | Consultant shall assist GLWA in managing claim developmen | Tidal Basin Government Consulting | \$300,000 |
| GLWA-LS-220 | 2020 and 2022 14 Mile Road Watermain break claims | Rosati, Schultz, Joppich & | \$300,000 |
| GLWA-LS-220 | GLWA v Highland Park Industrial Pretreatment Program Lit | Dykema Gossett PLLC | \$300,000 |
| GLWA-LS-210 | Legal Services | Plunkett Cooney PC | \$300,000 |

Appendix A – FY 2022 Combined Contracts Awarded by Procurement.

| Contract | Contract Description | Vendor | Amount (Awarded) |
|-------------|--|-----------------------------------|------------------|
| 2103659 | Plunkett Cooney, P.C. Legal Services | Plunkett Cooney PC | \$300,000 |
| 2201913 | Management Consulting Services for Water Residential Assi | Plante & Moran PLLC | \$300,000 |
| 2100771 | Method Development for Detection of Human Sources of Fec | Wayne State University | \$297,300 |
| 2104248 | LIMS | HORIZON Lab Systems | \$273,918 |
| 2200243 | Chemical Feed Pump Maintenance at Oakwood CSO Facility | HESCO Group Inc. | \$250,468 |
| GLWA-LS-210 | Investigation into June 25, June 26, and July 16, 2021, Rain F | Collins & Collins Law PC | \$250,000 |
| 2200142 | SW Financial Accounting, Integrity Oversight Monitoring an | Pierce, Monroe & Associates LLC | \$250,000 |
| 2103276 | CONSULTING SERVICES FOR FEDERAL/STATE GRANTS | Tidal Basin Government Consulting | \$250,000 |
| 2103001 | Specialized Utility consulting | 4 Leaders LLC | \$229,000 |
| 2101819 | Service-Link (Work Force Management System) Maintenanc | West Coast Labour Systems Corp | \$227,905 |
| 2102560-1 | Car Rental | Enterprise Holding Inc. | \$204,953 |
| GLWA-CS-235 | Property and Casualty Insurance Brokerage and Ancillary S | Marsh USA Inc. | \$200,000 |
| 2102512 | Vendor Performance related to Yates Cider Mill | Zausmer, P.C. | \$200,000 |
| GLWA-LS-210 | Property Acquisition | The Allen Law Group PC | \$200,000 |
| 2102560-2 | Car Rental NASPO | The Hertz Corporation | \$200,000 |
| 1803508 | Liquid Chlorine for Water Plants (one ton) - 2 renewal opti | JCI Jones Chemicals Inc | \$192,780 |
| 1904860 | Bacteriological Water Testing Supplies and Reagents | Idexx Laboratories | \$184,828 |
| 2200669 | Professional Services Contract | LimnoTech | \$182,544 |
| 2102526 | Learning Management System | Cornerstone onDemand Inc. | \$159,583 |
| 2101423 | Evaluation of Real-Time Bacteria Monitoring Tools | OHM Advisors | \$159,000 |
| 2102464 | Heating, Ventilation and Air Conditioning (HVAC) Building a | Dunbar Mechanical, Inc. | \$150,000 |
| 2103401 | Welding Supplies for Northeast | Metro Welding Supply Corporation | \$150,000 |
| 2200571 | Emergency Repair of 18" SFE and 6" Secondary SFE Line at V | Ric-Man Construction Inc | \$149,000 |
| 2103091 | Design build oversight services and support for 7 Mile/Neva | Stantec Consulting Services Inc. | \$145,900 |
| 2200332 | Water Residential Assistance Program (WRAP) Administrat | County of Macomb | \$134,000 |
| 2103088 | Engineering and analytical support | Wade Trim Associates Inc | \$120,000 |
| 2101151 | OnBase EP4 Upgrade | i3-ImageSoft | \$118,655 |
| 2100721 | GLWA Security Uniforms and Supplies | Allie Brothers Inc | \$104,700 |
| 2102184 | Furnish all components and provide all labor necessary for | LimnoTech | \$100,534 |
| 2200550 | Assistance on Assessing Affordability in The Authority's Ser | Raftelis | \$100,000 |
| GLWA-CS-210 | Administrative Hearing Officer Contract | Schenk & Bruetsch PLC | \$100,000 |
| 2103134 | Emergency Geotechnical Services | FK Engineering Associates | \$100,000 |
| 2102510 | Independent Engineering Firm to Provide Analysis and Rep | Applied Science Inc | \$100,000 |
| 2101820 | Enterprise wide document scanning | Global Solutions Group Inc. | \$100,000 |
| 2004284 | EDS Dashboard Pilot Enhancements | Emerson Process Management | \$96,545 |
| 2101321 | Blanket PO for lighting and electrical supplies. Requested by | Graybar Electric Company | \$90,000 |
| 2103268 | Service Agreement for Two Quick Trace M7600 Mercy Analy | Teledyne Leeman Labs | \$88,384 |
| 2200008 | Advisa - Predictive Index Renewal | The Predictive Index LLC | \$87,000 |
| 2102225 | Service Agreement for Biotage Horizon 3100 and 5000 Labo | Biotage LLC | \$76,637 |
| 2102557 | UPS Replacement/Installation | PCI LLC | \$76,005 |
| 2201559 | Purchase and Install Modified Bucket Pins at Grit Collectors | Titus Welding Company Inc | \$71,292 |
| 2200367 | Seagull Control Services | American Falconry Services LLC | \$63,000 |
| 2102174 | Volatile Fatty Acids Analysis | Wayne State University | \$62,600 |
| 2103970 | Wastewater Treatment Assessment, Training, and Certificat | Bay de Noc Community College | \$58,520 |
| 2200348 | Furnish and Install Geotechnical Polymer at the Sludge Proc | Havener Tech | \$57,450 |
| 2201268 | Compensation Study | HR Management Group Inc | \$55,500 |
| 2101929 | Installation and Furnishing of Shades | The Sheer Shop Inc. | \$55,000 |
| 2004673 | Aruba Upgrade & Support | Moss Telecommunications Services | \$51,355 |
| 2103509 | West Service Center Vibration Analysis | Mechanical Solutions, Inc. | \$49,350 |
| 2003090 | Distribution Automation (DA) Gateway Software for a 90-Da | Landis+Gyr Technology, Inc. | \$48,240 |
| 2102672 | Trusted Advisors for up to 250 hours | SkyNorth Software | \$47,250 |
| 1803437-1 | Pump Repair for the Five Water Plants | Kennedy Industries Inc | \$46,935 |
| 2102007 | Stationary Generator Repair and Maintenance | Wolverine Power Systems | \$45,000 |
| 2102742 | Network Penetration Testing | Cyber Defense Technologies | \$43,193 |
| 2100234 | Large scale (Grid) sampling for eColi in the waterways impa | Alliance of Rouge Communities | \$40,000 |
| 2200303 | Installation of High Lift Pump Casing Pressure Transmitter | Advance Instrumentation Systems | \$39,000 |
| 2200670 | Evaluation of Flow Cytometry for Drinking Water Applicatio | Wayne State University | \$35,315 |
| 2104330 | Year Contract for Pipe Repairs | RJ Stacey LTD | \$35,000 |
| 2004493 | MV VFD Preventative Maintenance Services, Leak Repairs, a | Siemens Industry Inc | \$34,956 |
| 2101630 | GLWA Payment Portal Project | PaymentVision | \$30,000 |
| 2101806 | Apprenti Memorandum of Understanding (MOU) | Apprenti | \$30,000 |
| 2103059 | Preventative Maintenance and Repair Service for the Three | Evoqua Water Technologies LLC | \$28,133 |
| 2102101 | Security Software, Maintenance, and Training | CI Technologies, Inc. | \$27,800 |
| 2897583 | Req#170299 | VWR International | \$25,000 |
| 2101258 | Geo tab installing and repair of geo tabs | SGN Mobile Electronics | \$24,000 |
| 2101341 | Remote Diagnosis and Repair Parts for Server Hardware | Park Place Technologies LLC | \$23,240 |
| 2100746 | McNaughton-McKay Statement of Work #30213513.0 | Mcnaughton Mckay Electric Company | \$23,200 |
| 2200080 | IQ Express + Annual Hosting Fees | BigTime Software Inc. | \$23,040 |
| 2103086 | Blanket Contract for Supply Goods for Removal and Abatem | Norkan Inc | \$20,000 |
| 2103137 | Blanket Contract | Paragon Laboratories Inc | \$20,000 |
| 2200621 | JIT Process Workshop | Plante & Moran PLLC | \$20,000 |
| 1703524 | Thyssenkrupp Elevators for preventative monthly mainten | Thyssenkrupp Elevator Corp | \$19,892 |

Appendix A – FY 2022 Combined Contracts Awarded by Procurement.

| Contract | Contract Description | Vendor | Amount (Awarded) |
|-------------|---|-----------------------------------|------------------|
| 2100013 | Target Solutions | TargetSolutions Learning, LLC | \$19,245 |
| 2200240 | AISC QUOTE: 1152 SCREEN HOUSE PROJECT SCREEN HOUSE | Advance Instrumentation Systems | \$16,000 |
| 1902536 | Refuse & recycling services various locations 10/15/2019 tl | Waste Management Of Michigan Inc | \$15,040 |
| 2101987 | Composite Repair and Protective Services at Conner Creek C | Unconventional Services Inc | \$14,250 |
| 1804127 | Preventative Maintenance and Repairs of Laboratory Equip | Hach Company | \$12,152 |
| 2103322 | GLWA BOD Lab Additional Bench and Wall Shelving | Farnell Equipment Company | \$11,668 |
| 2200244 | Hubbell-Southfield CSO Installation of An Exhaust Fan | Dunbar Mechanical, Inc. | \$10,866 |
| 2101988 | Composite Repair and Protective Services at Hubbell-Southf | Unconventional Services Inc | \$10,050 |
| 2103141 | Hubbell Southfield CSO : Basement Wall Secondary Containr | Havener Tech | \$7,500 |
| 1900356 | Safety warehouse items (2 year contract) | Grainger | \$7,460 |
| 2200664 | Purchase and Install Distilled Water Maker | Evoqua Water Technologies LLC | \$7,039 |
| 1900357 | Tool warehouse items (2 year contract) | Grainger | \$6,597 |
| 2001235 | Industrial Lubricant Inventory Items for GLWA Warehouses | Lubrication Engineers Inc. | \$6,500 |
| 2102397 | Tiles, Cutting Tools & Accessories | Dal-Tile Distribution | \$6,000 |
| 2201518 | IBM Cloud Pak for Data as a Service | LPA Software Solutions, LLC | \$6,000 |
| 1803594 | Preventive Maintenance Services for all of the CSO Facilities | HESCO Group Inc. | \$4,030 |
| 2101040 | Blanket PO for Welding Supplies | Metro Welding Supply Corporation | \$2,850 |
| 1900702 | Contract for Grounds Maintenance Services for GLWA sites | Premier Group Associates LC | \$1,400 |
| 1900355 | Plumbing warehouse items (2 year contract) | Grainger | \$1,357 |
| 1900230 | Hardware warehouse items (2 year contract) | Black Anvil Construction Supplies | \$335 |
| 2002190 | Rehabilitation of Ferric Chloride Feed Systems PS-1 and Slu | Weiss Construction Co LLC | \$1 |
| GLWA-CS-010 | Water Residential Assistance Program (WRAP) | Wayne Metro | \$0 |
| 2101117 | Strategic energy plan | DTE Energy - Primary | \$0 |
| | | | \$475,076,361 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendort | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|----------|----------------|------------------|
| Ric Man/Clark Joint Venture | 1 | 1 | \$92,468,705 |
| Lakeshore Global Corporation | 7 | 7 | \$72,040,848 |
| Kiewit Infrastructure Co | 1 | 1 | \$65,435,980 |
| Linde Inc. | 2 | 2 | \$36,000,637 |
| HDR Michigan, Inc. | 1 | 1 | \$29,012,865 |
| Inland Waters Pollution Control Inc | 1 | 1 | \$26,800,000 |
| Lanzo Companies, Inc. | 1 | 1 | \$18,695,250 |
| Commercial Contracting Corporation | 3 | 3 | \$18,587,500 |
| Pullman SST, Inc. | 1 | 1 | \$12,947,776 |
| JCI Jones Chemicals Inc | 2 | 2 | \$8,556,781 |
| Burns & McDonnell Michigan Inc. | 1 | 1 | \$7,891,696 |
| CDM Smith Michigan Inc | 1 | 1 | \$7,869,811 |
| Alight Solution LLC | 1 | 1 | \$6,917,324 |
| Kokosing Industrial Inc. | 1 | 1 | \$6,840,000 |
| Workday | 1 | 1 | \$6,260,170 |
| NEXGEN Asset Management | 1 | 1 | \$5,680,491 |
| Johnson Controls Inc. | 1 | 1 | \$5,390,800 |
| Weiss Construction Co LLC | 5 | 4 | \$5,258,924 |
| Pencco, Inc. | 8 | 1 | \$5,038,380 |
| DHT Transport | 4 | 3 | \$3,756,100 |
| PCI LLC | 5 | 4 | \$3,714,679 |
| DE-CAL Inc | 5 | 2 | \$3,663,013 |
| Major Contracting Group | 1 | 1 | \$3,562,500 |
| FH Paschen | 1 | 1 | \$3,562,500 |
| Clark Construction Company | 1 | 1 | \$3,562,500 |
| J F Cavanaugh Company | 1 | 1 | \$3,562,500 |
| Allied Building Service Co. Detroit | 1 | 1 | \$3,174,503 |
| Univar USA Inc | 5 | 1 | \$2,948,743 |
| Northwest Pipe Company | 1 | 1 | \$2,843,263 |
| Arcadis of Michigan LLC | 1 | 1 | \$2,240,403 |
| Detroit Water and Sewerage | 3 | 1 | \$1,980,000 |
| PMA Management Corp | 1 | 1 | \$1,630,000 |
| Wade Trim Associates Inc | 2 | 2 | \$1,620,000 |
| Access Interactive | 1 | 1 | \$1,605,755 |
| Ferndale Electric Company Inc | 2 | 2 | \$1,527,919 |
| Dickinson Wright PLLC | 2 | 2 | \$1,358,413 |
| Detroit Pump & Mfg Co | 33 | 1 | \$1,326,726 |
| AECOM Great Lakes, Inc | 1 | 1 | \$1,295,000 |
| Dykema Gossett PLLC | 3 | 3 | \$1,275,000 |
| Flowserve US Inc | 1 | 1 | \$1,235,002 |
| Aquasight LLC | 1 | 1 | \$1,217,500 |
| Grainger | 767 | 4 | \$1,155,870 |
| ThermalNetics LLC | 1 | 1 | \$1,109,000 |
| Rotor Electric Co | 1 | 1 | \$1,029,090 |
| Titus Welding Company Inc | 4 | 4 | \$990,857 |
| Wayne State University | 4 | 4 | \$979,329 |
| W C Ducomb Company | 36 | 1 | \$924,618 |
| Wayne Metro | 4 | 2 | \$875,000 |
| Schenk & Bruetsch PLC | 2 | 2 | \$850,000 |
| Brown and Caldwell LLC | 1 | 1 | \$850,000 |
| Ballard Marine Construction LLC | 1 | 1 | \$830,000 |
| HESCO Group Inc. | 48 | 3 | \$798,451 |
| Kerr, Russell and Weber, PLC | 1 | 1 | \$750,000 |
| ESRI Inc. | 1 | 1 | \$750,000 |
| Marra Services Inc | 1 | 1 | \$656,710 |
| Systems Specialties | 23 | 1 | \$626,207 |
| Nagle Paving Company | 1 | 1 | \$611,639 |
| Zausmer, P.C. | 2 | 2 | \$600,001 |
| Plunkett Cooney PC | 2 | 2 | \$600,000 |
| Regents of the University of Mich. | 1 | 1 | \$590,179 |
| Welding Concepts Training Inc | 1 | 1 | \$579,900 |
| Oracle America Inc | 2 | 1 | \$579,519 |
| Siemens Industry Inc | 11 | 2 | \$564,837 |
| Tidal Basin Government Consulting | 2 | 2 | \$550,000 |
| Madison Electric Company | 60 | 1 | \$546,548 |
| Motor City Pipe & Supply Co | 212 | 1 | \$534,193 |
| Mcnaughton Mckay Electric Company | 83 | 2 | \$513,268 |
| Water Research Foundation | 3 | 1 | \$504,467 |
| Kennedy Industries Inc | 28 | 2 | \$491,097 |
| PFM Financial Advisors LLC | 1 | 1 | \$473,000 |
| CDW Computer Centers Inc | 37 | 1 | \$458,592 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendor | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|----------|----------------|------------------|
| Robert Half Finance & Accounting | 7 | 1 | \$431,890 |
| Hach Company | 44 | 3 | \$422,834 |
| Integrated Power Services LLC | 1 | 1 | \$409,480 |
| Data Consulting Group Inc | 2 | 1 | \$407,680 |
| Ram Construction Services of Michig | 1 | 1 | \$404,010 |
| Plante & Moran PLLC | 3 | 3 | \$397,500 |
| GALCO Industrial Electronics | 67 | 1 | \$387,941 |
| Evoqua Water Technologies LLC | 11 | 3 | \$372,681 |
| Fluid Process Equipment | 5 | 1 | \$357,363 |
| Experis US Inc | 2 | 1 | \$349,400 |
| JGM Valve Corporation | 22 | 1 | \$346,006 |
| MetalFab Inc | 42 | 1 | \$340,755 |
| Veolia Water Technologies Canada | 2 | 1 | \$331,785 |
| Frayar Consulting Services LLC | 1 | 1 | \$312,000 |
| Rosati, Schultz, Joppich & | 1 | 1 | \$300,000 |
| Collins Einhorn Farrell PC | 1 | 1 | \$300,000 |
| Epitec Inc | 2 | 1 | \$293,040 |
| JWC Environmental Inc. | 8 | 1 | \$287,925 |
| LimnoTech | 2 | 2 | \$283,078 |
| HORIZON Lab Systems | 1 | 1 | \$273,918 |
| 360water, Inc. | 2 | 1 | \$270,300 |
| Laird Plastics | 9 | 1 | \$254,543 |
| MacAllister Machinery Co Inc | 11 | 1 | \$252,915 |
| Pierce, Monroe & Associates LLC | 1 | 1 | \$250,000 |
| Collins & Collins Law PC | 1 | 1 | \$250,000 |
| Macomb Community College | 1 | 1 | \$242,500 |
| American Water Works Association | 1 | 1 | \$242,044 |
| Dubois-Cooper Associates Inc | 4 | 1 | \$236,458 |
| Smartsheet Inc | 1 | 1 | \$234,000 |
| 4 Leaders LLC | 1 | 1 | \$229,000 |
| West Coast Labour Systems Corp | 1 | 1 | \$227,905 |
| Powell Fabrication & Manufacturing | 2 | 1 | \$213,166 |
| Amazon Web Services Inc | 2 | 1 | \$209,121 |
| Enterprise Holding Inc. | 2 | 1 | \$204,953 |
| A/C Service & Repair Inc. | 3 | 1 | \$204,886 |
| Marsh USA Inc. | 1 | 1 | \$200,000 |
| The Hertz Corporation | 1 | 1 | \$200,000 |
| The Allen Law Group PC | 1 | 1 | \$200,000 |
| EJ USA Inc | 21 | 1 | \$193,253 |
| Idexx Laboratories | 20 | 1 | \$184,828 |
| RS Technical Services Inc | 53 | 1 | \$184,460 |
| Circuit Breaker Sales Co., Inc. | 5 | 1 | \$179,050 |
| Dunbar Mechanical, Inc. | 3 | 3 | \$174,077 |
| Merit Laboratories Inc | 9 | 1 | \$174,054 |
| Metro Welding Supply Corporation | 18 | 3 | \$171,778 |
| OpTech | 3 | 1 | \$170,784 |
| Havener Tech | 6 | 3 | \$162,050 |
| Capp USA | 29 | 1 | \$161,807 |
| Zones Inc | 4 | 1 | \$161,587 |
| Cornerstone onDemand Inc. | 1 | 1 | \$159,583 |
| OHM Advisors | 1 | 1 | \$159,000 |
| Biotage LLC | 5 | 2 | \$155,511 |
| Federal Pipe & Supply Co Inc | 57 | 1 | \$153,820 |
| SE Michigan Council of Governments | 3 | 1 | \$153,584 |
| Ric-Man Construction Inc | 1 | 1 | \$149,000 |
| Stantec Consulting Services Inc. | 1 | 1 | \$145,900 |
| Allingham Corporation | 6 | 1 | \$143,853 |
| PVS Nolwood Chemical Inc | 3 | 1 | \$142,227 |
| OSIsoft LLC | 2 | 1 | \$142,148 |
| Intelligent Systems Group LLC | 3 | 1 | \$139,307 |
| Premier Safety | 42 | 1 | \$135,705 |
| Carahsoft Technology Group | 3 | 1 | \$135,065 |
| County of Macomb | 1 | 1 | \$134,000 |
| Thermo Electron North America LLC | 2 | 1 | \$124,439 |
| Premier Group Associates LC | 11 | 2 | \$124,311 |
| LinkedIn Corporation | 2 | 1 | \$123,676 |
| Gabriel Novac & Associates Ltd. | 2 | 1 | \$122,251 |
| i3-ImageSoft | 1 | 1 | \$118,655 |
| Alfa Laval Inc | 6 | 1 | \$117,206 |
| Bell Equipment Company | 5 | 1 | \$116,750 |
| Communications Professionals Inc | 26 | 1 | \$113,529 |
| Gilson Engineering Sales | 2 | 1 | \$110,131 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendor | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|----------|----------------|------------------|
| Allie Brothers Inc | 2 | 2 | \$106,072 |
| Emerson Process Management | 3 | 2 | \$105,892 |
| Moss Telecommunications Services | 3 | 2 | \$102,567 |
| Sunbelt Rentals, Inc. | 2 | 1 | \$101,800 |
| Dell Computer Corporation | 9 | 1 | \$100,963 |
| EBARA Pumps Americas Corporation | 1 | 1 | \$100,008 |
| Raftelis | 1 | 1 | \$100,000 |
| Applied Science Inc | 1 | 1 | \$100,000 |
| Global Solutions Group Inc. | 1 | 1 | \$100,000 |
| FK Engineering Associates | 1 | 1 | \$100,000 |
| Motor City Electric Co | 5 | 1 | \$98,885 |
| MSC Industrial Supply Company | 109 | 1 | \$98,632 |
| Rose Pest Solutions | 1 | 1 | \$95,535 |
| RMF Nooter Inc | 3 | 1 | \$94,500 |
| Detroit Salt Company LLC | 3 | 1 | \$94,359 |
| Graybar Electric Company | 3 | 2 | \$93,482 |
| The Macomb Group Inc | 47 | 1 | \$91,405 |
| FranklinCovey Client Sales Inc. | 1 | 1 | \$90,950 |
| Teledyne Leeman Labs | 1 | 1 | \$88,384 |
| The Predictive Index LLC | 1 | 1 | \$87,000 |
| EMC Corporation | 4 | 1 | \$86,661 |
| Alta Equipment Company | 1 | 1 | \$85,795 |
| D/A Central Inc | 3 | 1 | \$85,509 |
| Cintas | 23 | 1 | \$85,046 |
| Merrick Industries Inc. | 1 | 1 | \$83,656 |
| Galloup,Forberg Smith, Merlo Energy | 15 | 1 | \$80,524 |
| DP Brown Of Detroit Inc | 13 | 1 | \$77,978 |
| Catch Transport, LLC | 1 | 1 | \$74,880 |
| RedVector.com LLC | 2 | 1 | \$74,440 |
| VWR International | 25 | 2 | \$72,723 |
| US Bank | 4 | 1 | \$71,000 |
| Macomb Mechanical Inc | 6 | 1 | \$69,953 |
| America's Green Line | 2 | 1 | \$63,960 |
| American Falconry Services LLC | 1 | 1 | \$63,000 |
| Advance Instrumentation Systems | 3 | 3 | \$63,000 |
| Midwest Industrial Rubber Inc. | 3 | 1 | \$62,726 |
| Miss Dig System Inc. | 1 | 1 | \$61,265 |
| DLT Solutions LLC | 4 | 1 | \$61,179 |
| Michigan.com | 3 | 1 | \$58,836 |
| Electrical Industries | 1 | 1 | \$58,795 |
| Binkelman Corporation | 18 | 1 | \$58,730 |
| Bay de Noc Community College | 1 | 1 | \$58,520 |
| Interior Environments LLC | 2 | 1 | \$58,418 |
| Innovyze Inc | 1 | 1 | \$56,915 |
| Solarwinds | 1 | 1 | \$55,802 |
| Wadsworth Solutions Northwest | 4 | 1 | \$55,652 |
| HR Management Group Inc | 1 | 1 | \$55,500 |
| The Sheer Shop Inc. | 1 | 1 | \$55,000 |
| Sehi Computer Products Inc | 4 | 1 | \$54,585 |
| Eastern Oil Company | 10 | 1 | \$54,009 |
| RJ Stacey LTD | 4 | 2 | \$52,365 |
| USA Bluebook - Main | 7 | 1 | \$51,950 |
| iPROMOTEu.com Inc | 2 | 1 | \$50,300 |
| TK Elevator Corporation | 2 | 1 | \$50,300 |
| Red Gate Software | 1 | 1 | \$50,166 |
| PMA Consultants LLC | 1 | 1 | \$50,000 |
| Inlay Casting & Repair | 1 | 1 | \$49,500 |
| Mechanical Solutions, Inc. | 1 | 1 | \$49,350 |
| Barta Sales LLC | 10 | 1 | \$49,012 |
| Michigan Chronicle Publishing Co | 2 | 1 | \$48,427 |
| Landis+Gyr Technology, Inc. | 1 | 1 | \$48,240 |
| Corrosion Fluid Products | 10 | 1 | \$48,087 |
| SkyNorth Software | 1 | 1 | \$47,250 |
| Christy Glass Company, Inc. | 3 | 1 | \$47,140 |
| Caniff Electric Supply Co., Inc. | 3 | 1 | \$46,237 |
| Park Place Technologies LLC | 2 | 2 | \$45,197 |
| Wolverine Power Systems | 1 | 1 | \$45,000 |
| Isle Inc. | 1 | 1 | \$45,000 |
| M.L. Chartier, Inc. | 1 | 1 | \$44,550 |
| Fisher Scientific Company LLC | 6 | 1 | \$44,323 |
| Best Aire Compressors Services Inc | 11 | 1 | \$43,381 |
| Cyber Defense Technologies | 1 | 1 | \$43,193 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendort | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|----------|----------------|------------------|
| Durawear Glove & Safety Co. Inc. | 7 | 1 | \$42,082 |
| LaserCom, LLC | 1 | 1 | \$40,000 |
| Alliance of Rouge Communities | 1 | 1 | \$40,000 |
| Process Engineering & Equipment | 3 | 1 | \$39,907 |
| Unconventional Services Inc | 3 | 3 | \$38,600 |
| Agilent Technologies Inc | 5 | 1 | \$38,231 |
| Communication Supply Co. | 3 | 1 | \$38,039 |
| E2intel | 5 | 1 | \$37,500 |
| Abraxis Inc | 1 | 1 | \$37,149 |
| SPX Flow US LLC | 2 | 1 | \$37,110 |
| Phoenix Environmental Inc | 3 | 1 | \$35,965 |
| Wayne County Community College | 2 | 1 | \$35,590 |
| Actuator Specialties | 4 | 1 | \$35,247 |
| Marshall E. Campbell Company | 29 | 1 | \$34,205 |
| Lubrication Engineers Inc. | 9 | 2 | \$33,723 |
| Powder Bulk Products Inc | 2 | 1 | \$33,466 |
| Canon Solutions America Inc | 3 | 1 | \$33,454 |
| Tru Steel Metals LLC | 2 | 1 | \$33,428 |
| Great Lakes Pump & Supply Co | 2 | 1 | \$32,581 |
| Uline, Inc. | 23 | 1 | \$31,422 |
| Polaris Sales Inc. | 2 | 1 | \$31,400 |
| Zymo Research Corporation | 1 | 1 | \$31,100 |
| Alro Steel Corporation | 4 | 1 | \$30,800 |
| PaymentVision | 1 | 1 | \$30,000 |
| Fleishman Hilliard Inc | 1 | 1 | \$30,000 |
| Apprenti | 1 | 1 | \$30,000 |
| Core Electric Company Inc | 9 | 1 | \$29,248 |
| SDSpro LLC | 1 | 1 | \$29,021 |
| Midwest Air Filter Inc | 25 | 1 | \$28,405 |
| CI Technologies, Inc. | 1 | 1 | \$27,800 |
| Bluewater Technologies Group Inc | 1 | 1 | \$27,736 |
| ZOHO Corporation #4926 | 1 | 1 | \$27,715 |
| KamarOE | 30 | 1 | \$27,305 |
| Apex Controls | 2 | 1 | \$26,927 |
| Ingersoll Rand Company | 3 | 1 | \$26,835 |
| Major Brand Oil Company Inc | 2 | 1 | \$26,523 |
| Aquafit Chlorination System LLC | 3 | 1 | \$26,431 |
| Waste Management Of Michigan Inc | 11 | 2 | \$26,422 |
| WXYZ | 1 | 1 | \$26,100 |
| HI Controls LLC | 3 | 1 | \$25,993 |
| Canfield Equipment Service Inc | 6 | 1 | \$25,755 |
| Sustema Inc. | 2 | 1 | \$25,170 |
| Cincinnati Babbitt Inc | 2 | 1 | \$24,826 |
| Schneider Electric Systems USA Inc. | 1 | 1 | \$24,160 |
| SGN Mobile Electronics | 1 | 1 | \$24,000 |
| Servomex Company | 1 | 1 | \$23,354 |
| BigTime Software Inc. | 1 | 1 | \$23,040 |
| Safety Services Inc | 34 | 1 | \$22,958 |
| Yates Industries Inc | 7 | 1 | \$22,373 |
| Newing-Hall Inc. | 1 | 1 | \$22,355 |
| Schneider Electric IT USA, Inc | 1 | 1 | \$21,970 |
| VEGA Americas Inc. | 3 | 1 | \$21,696 |
| Rose Moving & Storage Co. Inc. | 1 | 1 | \$21,500 |
| Paragon Laboratories Inc | 2 | 2 | \$21,450 |
| Midwest Municipal Instrumentation | 3 | 1 | \$20,952 |
| Saginaw Control & Engineering | 1 | 1 | \$20,474 |
| Detroit Legal News | 3 | 1 | \$20,460 |
| Norkan Inc | 1 | 1 | \$20,000 |
| Water Environment Federation | 1 | 1 | \$20,000 |
| Michigan State University | 1 | 1 | \$20,000 |
| Gabbert's Concrete Products | 1 | 1 | \$20,000 |
| Central Poly-Bag Corp | 9 | 1 | \$19,911 |
| Thyssenkrupp Elevator Corp | 2 | 1 | \$19,892 |
| Ward Diesel Filter Systems | 1 | 1 | \$19,789 |
| TargetSolutions Learning, LLC | 1 | 1 | \$19,245 |
| Global Green Service Group | 1 | 1 | \$19,000 |
| LPA Software Solutions, LLC | 3 | 2 | \$18,983 |
| Energy Products Inc | 1 | 1 | \$18,794 |
| LabStrong Corporation | 5 | 1 | \$18,788 |
| G.E. Distribution Service/ipromoteu | 4 | 1 | \$18,758 |
| Environmental Resource Associates | 28 | 1 | \$18,725 |
| Choctaw-Kaul Distribution Company | 14 | 1 | \$18,501 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendort | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|----------|----------------|------------------|
| American Gear & Engineering, Inc | 3 | 1 | \$18,400 |
| I & C Sales North Inc | 2 | 1 | \$18,124 |
| SW Controls Inc | 5 | 1 | \$18,070 |
| Ohio Medical LLC | 1 | 1 | \$17,674 |
| Nidaz LLC | 1 | 1 | \$17,085 |
| Global Knowledge Training | 1 | 1 | \$16,859 |
| Black Anvil Construction Supplies | 18 | 2 | \$16,825 |
| HD Edwards & Company | 16 | 1 | \$16,592 |
| Bearcom | 2 | 1 | \$16,332 |
| Jim Myers & Sons, Inc. | 2 | 1 | \$16,299 |
| ReadyOP Communications Inc. | 2 | 1 | \$16,000 |
| Dal-Tile Distribution | 2 | 2 | \$16,000 |
| The Transmitter Shop | 1 | 1 | \$15,675 |
| Dell Marketing LP | 1 | 1 | \$15,592 |
| Ferguson Waterworks | 1 | 1 | \$15,540 |
| Alfonsi Railroad Construction Co | 1 | 1 | \$15,444 |
| Jack Doheny Companies Inc | 6 | 1 | \$15,276 |
| EH Wachs | 2 | 1 | \$15,110 |
| Rosemount Inc | 3 | 1 | \$15,072 |
| Public Rubber & Supply Co Inc | 16 | 1 | \$14,987 |
| SafetySkills, LLC | 1 | 1 | \$14,400 |
| Matterport, Inc. | 1 | 1 | \$14,388 |
| R.S. Means Company LLC | 2 | 1 | \$14,326 |
| Scientific Methods Inc | 1 | 1 | \$14,220 |
| BAVCO | 8 | 1 | \$14,161 |
| Integra Chemical Company | 5 | 1 | \$14,136 |
| AAA Wire Rope & Splicing Inc | 2 | 1 | \$13,927 |
| BCC Distributon | 2 | 1 | \$13,798 |
| AOSH Services LLC | 1 | 1 | \$13,600 |
| Clayton Industries | 6 | 1 | \$13,376 |
| REACH Media Network | 1 | 1 | \$13,330 |
| Carlson-Dimond & Wright Inc | 5 | 1 | \$13,142 |
| Nuair Fluid Power Inc | 3 | 1 | \$13,091 |
| Motion Industries Inc | 7 | 1 | \$12,505 |
| AT&T | 3 | 1 | \$12,338 |
| Alfa Medical Equipment Specialists | 1 | 1 | \$12,333 |
| Cryogenic Pipe Freezing Solutions | 1 | 1 | \$11,962 |
| Downriver Refrigeration Supply Co | 5 | 1 | \$11,909 |
| Aerotek Inc. | 1 | 1 | \$11,830 |
| Farnell Equipment Company | 1 | 1 | \$11,668 |
| Sentinel Self Defense / Federal Gun | 1 | 1 | \$11,639 |
| Cut-Rate Batteries LLC | 1 | 1 | \$11,560 |
| ANSYS, Inc. | 1 | 1 | \$11,290 |
| Waterworks Systems & Equipment Inc | 2 | 1 | \$11,220 |
| Aero Filter Inc | 13 | 1 | \$11,106 |
| Electro-Matic Products Inc | 1 | 1 | \$10,877 |
| Tri Star Steel Corporation | 2 | 1 | \$10,773 |
| Progressive Plumbing Supply Co Inc | 25 | 1 | \$10,648 |
| DTN LLC | 2 | 1 | \$10,476 |
| Hamlett Environmental Technologies | 4 | 1 | \$10,468 |
| ZLED Lighting | 4 | 1 | \$10,200 |
| CBT Nuggets, LLC | 1 | 1 | \$10,180 |
| De Nora Water Technologies, LLC | 1 | 1 | \$10,116 |
| Moody's Investors Service Inc | 1 | 1 | \$10,000 |
| The Water Tower Institute | 1 | 1 | \$10,000 |
| Wholesale Heating Supply CO | 1 | 1 | \$9,833 |
| Service Electric Supply Inc | 25 | 1 | \$9,359 |
| Cech Corporation | 2 | 1 | \$9,318 |
| iProjectSolutions LLC | 1 | 1 | \$9,150 |
| Dice Career Solution | 1 | 1 | \$9,115 |
| Xylem Water Solutions Usa Inc | 1 | 1 | \$9,086 |
| Articulate Global, LLC | 1 | 1 | \$9,061 |
| Fibre Industries | 9 | 1 | \$8,960 |
| Michigan CAT | 2 | 1 | \$8,855 |
| Crane Technologies Group Inc | 1 | 1 | \$8,770 |
| Johnson Controls Fire Protection LP | 1 | 1 | \$8,645 |
| Z Contractors, Inc | 1 | 1 | \$8,350 |
| Detroit Stoker Company LLC | 1 | 1 | \$8,323 |
| Ozone Water Systems, Inc | 2 | 1 | \$8,227 |
| Gardner Denver Nash LLC | 1 | 1 | \$8,179 |
| Nu-Star Inc. | 1 | 1 | \$8,118 |
| CLE Strategic Solutions LLC | 4 | 1 | \$8,000 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendort | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|----------|----------------|------------------|
| RubberForm Recycled Products, LLC | 1 | 1 | \$7,942 |
| Brehob Corporation | 2 | 1 | \$7,886 |
| Ayyeka Inc. | 1 | 1 | \$7,875 |
| Sherwin Williams Company | 9 | 1 | \$7,512 |
| Environmental Resources Inc. | 1 | 1 | \$7,500 |
| PegEx, Inc | 1 | 1 | \$7,420 |
| Lyon LLC | 2 | 1 | \$7,375 |
| MSA Safety Sales LLC | 2 | 1 | \$7,281 |
| Blue Water Air Compressor | 2 | 1 | \$7,264 |
| United Rentals North America Inc | 6 | 1 | \$7,202 |
| Applied Industrial Technologies Inc | 1 | 1 | \$7,139 |
| Allied-Eagle Supply Company LLC | 6 | 1 | \$7,058 |
| Exotic Automation & Supply | 8 | 1 | \$7,058 |
| Ovivo USA, LLC | 2 | 1 | \$7,003 |
| Helwig Carbon Products Inc | 6 | 1 | \$6,844 |
| Schreiber Corporation | 1 | 1 | \$6,500 |
| Synergy Equipment | 1 | 1 | \$6,408 |
| PTS Professional Technical Service | 1 | 1 | \$6,275 |
| Bearing Service Inc | 5 | 1 | \$6,206 |
| Klein Inc. | 4 | 1 | \$6,158 |
| Etna Supply Company | 2 | 1 | \$6,103 |
| Michfab Machinery Inc. | 1 | 1 | \$6,013 |
| Pyrosoft Inc | 1 | 1 | \$6,010 |
| W.S.I. Industrial Services, Inc. | 2 | 1 | \$6,000 |
| Santoro Incorporated | 1 | 1 | \$5,967 |
| C P E Filters Inc | 3 | 1 | \$5,850 |
| Lightstoreusa, Inc. | 2 | 1 | \$5,841 |
| Motor City Door Company, Inc. | 2 | 1 | \$5,816 |
| Hope Industrial Systems Inc | 1 | 1 | \$5,793 |
| FTP Today Inc. | 1 | 1 | \$5,700 |
| Mazzella Lifting Technologies Inc | 1 | 1 | \$5,664 |
| Pumps & Systems Inc | 1 | 1 | \$5,538 |
| F B Wright Company | 7 | 1 | \$5,393 |
| Raven Environmental Products Inc | 4 | 1 | \$5,377 |
| Kirk's Automotive Inc | 24 | 1 | \$5,292 |
| Jade Scientific Inc | 2 | 1 | \$5,271 |
| Core & Main LP | 1 | 1 | \$5,265 |
| Henry Ford College | 2 | 1 | \$5,188 |
| Indian Springs Mfg. Co Inc | 5 | 1 | \$5,172 |
| Complete Battery Source | 3 | 1 | \$5,170 |
| VESCO Oil Corporation | 3 | 1 | \$5,149 |
| Technical Hot & Cold | 1 | 1 | \$5,148 |
| Harrington Industrial Plastics LLC | 12 | 1 | \$5,113 |
| Met One Instruments Inc | 2 | 1 | \$5,105 |
| Fibergrate Composite Structures | 1 | 1 | \$5,083 |
| JL Geisler Sign Company | 1 | 1 | \$5,080 |
| Professional Pump Inc | 2 | 1 | \$5,047 |
| Teledyne CETAC Technologies Inc | 1 | 1 | \$5,000 |
| Digital Assurance Certification LLC | 2 | 1 | \$5,000 |
| Trimble Inc | 2 | 1 | \$4,970 |
| Global Equipment Company Inc. | 3 | 1 | \$4,830 |
| Greenia's Outdoor Power | 1 | 1 | \$4,720 |
| J.J. Supply Company Inc. | 3 | 1 | \$4,697 |
| Transcat Inc | 3 | 1 | \$4,615 |
| Howrani Studios | 1 | 1 | \$4,540 |
| Unconventional Solutions Inc | 2 | 1 | \$4,529 |
| T & N Services Inc | 4 | 1 | \$4,517 |
| Proteus Instruments | 3 | 1 | \$4,511 |
| Quality Air Service Inc. | 1 | 1 | \$4,380 |
| Chemtrac Inc | 2 | 1 | \$4,370 |
| SCP Science | 1 | 1 | \$4,278 |
| Brooks Lumber Company | 6 | 1 | \$4,260 |
| WWTSLLC, Inc. | 1 | 1 | \$4,255 |
| Signature Contracting Group, LLC | 1 | 1 | \$4,200 |
| American Water College | 1 | 1 | \$4,150 |
| Able Label | 2 | 1 | \$4,068 |
| Team Industrial Services Inc | 2 | 1 | \$4,000 |
| Bearing Headquarters Co | 5 | 1 | \$3,952 |
| Identification Lamination Products | 3 | 1 | \$3,875 |
| Air Design Incorporated | 1 | 1 | \$3,800 |
| Radwell International Inc. | 3 | 1 | \$3,671 |
| Benlee | 1 | 1 | \$3,541 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendor | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|----------|----------------|------------------|
| EnviroScape | 1 | 1 | \$3,535 |
| Ino-Tek Inc | 1 | 1 | \$3,511 |
| Precision Digital Corporation | 1 | 1 | \$3,448 |
| Gravotech, Inc. | 1 | 1 | \$3,422 |
| Instrumart | 1 | 1 | \$3,377 |
| Hanna Instruments USA | 1 | 1 | \$3,158 |
| McMaster-Carr Industrial Supply Co | 9 | 1 | \$3,155 |
| NSI Lab Solutions Inc | 3 | 1 | \$3,067 |
| RedGuard Fire & Security, Inc. | 1 | 1 | \$3,000 |
| Swanky Restroom Trailers | 1 | 1 | \$3,000 |
| Tobys Instrument Shop Inc | 5 | 1 | \$2,996 |
| Schoolcraft College | 1 | 1 | \$2,898 |
| NLB Corp. | 1 | 1 | \$2,890 |
| Metro Bolt & Fastener | 1 | 1 | \$2,869 |
| B & H Machine Sales, Inc | 1 | 1 | \$2,819 |
| Gutter Supply Inc | 1 | 1 | \$2,794 |
| Cornerstone Controls Inc | 1 | 1 | \$2,756 |
| Kerr Pump and Supply, Inc. | 2 | 1 | \$2,639 |
| Association for Talent Development | 1 | 1 | \$2,631 |
| Resa Service LLC | 1 | 1 | \$2,600 |
| Crown Lift Trucks | 3 | 1 | \$2,579 |
| Michigan Air Product | 1 | 1 | \$2,575 |
| S P Kinney Engineers Inc | 3 | 1 | \$2,561 |
| Towlift Inc | 2 | 1 | \$2,500 |
| York Repair Inc | 2 | 1 | \$2,474 |
| Bearings and Industrial Supply Co | 4 | 1 | \$2,459 |
| Quadient Inc. | 1 | 1 | \$2,448 |
| BondLink | 2 | 1 | \$2,400 |
| M C Gutherie Lumber Company | 3 | 1 | \$2,369 |
| Contractors Connection Inc | 4 | 1 | \$2,317 |
| The Crowley Company | 1 | 1 | \$2,300 |
| Bentley Systems Incorporated | 1 | 1 | \$2,268 |
| Dwyer Instruments Inc. | 1 | 1 | \$2,187 |
| ERDCO Engineering Corporation | 2 | 1 | \$2,162 |
| Global Environmental Consulting LLC | 2 | 1 | \$2,150 |
| Pollardwater | 3 | 1 | \$2,136 |
| Bromberg & Associates LLC | 1 | 1 | \$2,130 |
| Commerical Group Lifting Products | 1 | 1 | \$2,060 |
| Birclar Electric & Electronics LLC | 1 | 1 | \$2,048 |
| AVE Office Supplies | 4 | 1 | \$2,032 |
| Chemical Systems Inc | 1 | 1 | \$1,989 |
| Ideation Orange | 1 | 1 | \$1,950 |
| The Lab Depot Inc | 3 | 1 | \$1,942 |
| Johnson Plastics Plus | 1 | 1 | \$1,884 |
| City of Highland Park | 1 | 1 | \$1,800 |
| Thermo Fisher Scientific Asheville | 2 | 1 | \$1,747 |
| Prestige Worldwide Technologies, LL | 1 | 1 | \$1,695 |
| Gilson Company | 1 | 1 | \$1,577 |
| B&H Photo-Video | 3 | 1 | \$1,547 |
| Wright Tool Co | 1 | 1 | \$1,530 |
| Andax Industries LLC | 3 | 1 | \$1,523 |
| Andritz Separation Inc | 1 | 1 | \$1,506 |
| Advance Plumbing & Heating Supply | 6 | 1 | \$1,485 |
| Detroit Ready Mix Concrete Inc | 1 | 1 | \$1,475 |
| Discovery Solutions Inc | 1 | 1 | \$1,450 |
| JC Goss Company | 1 | 1 | \$1,415 |
| State Chemical Solutions | 1 | 1 | \$1,369 |
| Flor Dri Supply Company Inc | 2 | 1 | \$1,343 |
| Connection Technology Center Inc | 1 | 1 | \$1,318 |
| Piping Components, INC | 3 | 1 | \$1,316 |
| Downriver Utility Wastewater Auth. | 2 | 1 | \$1,294 |
| Boll Filter Corporation | 1 | 1 | \$1,286 |
| Texas Refinery Corporation | 1 | 1 | \$1,232 |
| Recycle Waste Services Inc. | 1 | 1 | \$1,207 |
| Torch Associates LLC | 2 | 1 | \$1,198 |
| Cole-Parmer Instrument Company LLC | 2 | 1 | \$1,060 |
| Oscar W Larson Company | 1 | 1 | \$1,058 |
| SELECT EQUIPMENT CO. | 1 | 1 | \$1,050 |
| Michigan Municipal League | 1 | 1 | \$1,020 |
| Southeast MI Community Alliance | 1 | 1 | \$1,000 |
| J. D. Gould Company Inc. | 1 | 1 | \$1,000 |
| NOAR Technologies | 1 | 1 | \$995 |

Appendix B – FY 2022 Combined Vendors Awarded by Procurement

| Vendort | PO Count | Contract Count | Amount (Awarded) |
|-------------------------------------|-------------|----------------|----------------------|
| YSI Incorporated | 1 | 1 | \$983 |
| Adica Fleet Services, LLC | 1 | 1 | \$975 |
| JobFairGiant.com | 1 | 1 | \$967 |
| Devar Inc. | 1 | 1 | \$954 |
| Environmental Consulting | 1 | 1 | \$921 |
| International Controls & Equipment | 2 | 1 | \$897 |
| Apollo Fire Apparatus Repair Inc. | 1 | 1 | \$879 |
| Action Mat & Towel Rental | 1 | 1 | \$868 |
| Excel Industrial Electronics, Inc. | 1 | 1 | \$770 |
| ZVerse Inc. | 1 | 1 | \$724 |
| MRO Electric and Supply | 1 | 1 | \$695 |
| Empire Equipment & Supply Inc. | 2 | 1 | \$674 |
| J H Bennett & Company Inc | 1 | 1 | \$656 |
| AHB Tooling & Machinery LLC | 1 | 1 | \$625 |
| United Filtration Systems Inc. | 1 | 1 | \$596 |
| Kiesler Police Supply Inc | 1 | 1 | \$578 |
| Marlin Manufacturing Corporation | 1 | 1 | \$561 |
| Michigan Dept. of State Police | 2 | 1 | \$560 |
| Road Commission for Oakland County | 1 | 1 | \$550 |
| Drinkpod LLC | 2 | 1 | \$550 |
| Medler Electric Company | 3 | 1 | \$545 |
| Staples Business Advantage | 2 | 1 | \$513 |
| GEO Jobe GIS Consulting | 1 | 1 | \$500 |
| Sysmex America, Inc. | 3 | 1 | \$499 |
| Empire Wire & Supply LLC | 1 | 1 | \$493 |
| Jett Pump & Valve LLC | 1 | 1 | \$489 |
| BulbCycle, Inc. | 2 | 1 | \$484 |
| AutomationDirect.com Inc. | 2 | 1 | \$431 |
| IDN Hardware Sales, Inc. | 1 | 1 | \$430 |
| Hotsy Midwest Cleaning Systems | 1 | 1 | \$426 |
| UniMeasure Inc. | 1 | 1 | \$417 |
| Omega Engineering Inc | 1 | 1 | \$402 |
| Fab Tech Wastewater Solutions LLC | 1 | 1 | \$357 |
| Laurel Electronics Inc. | 1 | 1 | \$343 |
| McGard LLC | 1 | 1 | \$312 |
| Acme Bolt & Nut Co Inc | 2 | 1 | \$303 |
| GDI Services Inc | 1 | 1 | \$300 |
| United States Plastic | 1 | 1 | \$284 |
| Michigan Valve & Fitting Inc | 2 | 1 | \$283 |
| Seton | 1 | 1 | \$270 |
| YourMembership.com, Inc. | 1 | 1 | \$250 |
| Thomas Scientific Inc | 1 | 1 | \$236 |
| Liberty Plumbing Supply Company | 1 | 1 | \$233 |
| Staples | 2 | 1 | \$229 |
| Shimadzu Scientific Instruments Inc | 1 | 1 | \$212 |
| Labconco Corp | 1 | 1 | \$193 |
| Accuform Printing & Graphics Inc | 1 | 1 | \$186 |
| Washtenaw County Road Commission | 1 | 1 | \$177 |
| Global Industrial | 1 | 1 | \$169 |
| Baileigh Industrial | 1 | 1 | \$167 |
| Chart Pool USA Inc | 1 | 1 | \$166 |
| EMP Industries Inc | 1 | 1 | \$157 |
| Ti Training LE, LLC | 1 | 1 | \$100 |
| Schwing Bioset Inc | 1 | 1 | \$58 |
| Genesee County Drain Commissioner | 1 | 1 | \$0 |
| DTE Energy - Primary | 1 | 1 | \$0 |
| Grand Total | 3529 | 166 | \$536,348,238 |

Appendix C – FY 2022 Combined Contracts Invoiced.

| Contract | Contract Description | Vendor | Amount (Millions) |
|----------------|---|------------------------------------|-------------------|
| GLWA-DB-150 | Repair of Raw Water Tunnels | Ballard Marine Construction LLC | 23,747,076 |
| 1803312 | WSCR Pump House & Division Valve | Kokosing Industrial Inc. | 17,111,743 |
| GLWA-PC-792 | Bio-Solids Dryer Facility | New England Fertilizer Company | 16,021,050 |
| 2004456 | 14 Mile Transmission Main Loop | Ric Man/Clark Joint Venture | 12,900,522 |
| GLWA-CS-272 | Capital Program Delivery Contract | AECOM Great Lakes, Inc | 11,147,677 |
| 1901658 | Facilities Maintenance Services | Lakeshore Global Corporation | 9,977,803 |
| 1803258 | (DB) Northeast Flow Control Facility | Walsh Construction Company | 9,706,824 |
| 2003730 | Water trans main, valve & other repairs | Lakeshore Global Corporation | 9,279,530 |
| GLWA-CON-170 | Sludge Removal and Disposal Services | Mobile Dredging & Video Pipe Inc | 8,846,437 |
| GLWA-CON-149 | Emergency Sewer Repair CIP 1263 | Inland Waters Pollution Control | 8,291,632 |
| 1804129 | Schoolcraft 48" Water Transmission Main | Lakeshore Global Corporation | 8,158,118 |
| GLWA-CON-297 | Fairview Sewage Pump Station | Weiss Construction Co LLC | 7,699,418 |
| GLWA-CON-252 | SWTP Steam Condensate Return & Compress Air | Clark Construction Company | 6,778,978 |
| 1900134 | CIP #14002 Springwells WTP Low Lift Suction Isolation | Barton Malow Company | 6,317,921 |
| GLWA-DB-226 | Repair and Rehab of (DRI) Alter to (WRRF) | Jay Dee Contractors Inc. | 6,078,618 |
| GLWA-CON-158 | Specialized Services Contract | Lakeshore Global Corporation | 5,680,824 |
| 2000610 | Yard Piping, Valve & Venturi Meter Replace | Lakeshore Global Corporation | 5,652,354 |
| RFB 1900744 | RFB 1900744 Reservoir Rehabilitation Project at Imlay | Pullman SST, Inc. | 5,532,479 |
| 2001488 | 6 Mile/Nevada Main Renewal | Pullman SST, Inc. | 4,973,286 |
| 1803621 | Wick Rd. 48-Inch Water Transmission Main | Ric-Man Construction Inc | 4,932,000 |
| 1802745 | Water Transmission Main, Valve and other priority rep | Ric-Man Construction Inc | 4,695,534 |
| 1900741 | Engineering Services for 96-Inch Water Transmission M | Jacobs Consultants, Inc. | 4,366,412 |
| 1902224 | Design Build Contract for the CSO Structural Improvem | Pullman SST, Inc. | 4,138,036 |
| GLWA-CS-120 | Freud and Conner Creek Pump Station Improvements S | Arcadis of Michigan LLC | 3,979,697 |
| GLWA-SOQ-135A | Security Infrastructure Improvements | Rotor Electric Co | 3,932,045 |
| 1803025-6 | Job Order Contract - (6 vendors total) | Weiss Construction Co LLC | 3,576,520 |
| 1904337 | WRRF PS-2 Bar Racks Replacements and Grit Collection | Hazen and Sawyer | 3,376,250 |
| 1904254 | Water Works Park to Northeast Water Treatment Plant | Dan's Excavating Inc. | 3,256,197 |
| 2003330 | HVAC and Odor Control Improvements - Oakwood CSO I | Commercial Contracting Corporation | 2,968,876 |
| 2002190 | Rehabilitation of Ferric Chloride Feed Systems PS-1 and | Weiss Construction Co LLC | 2,879,751 |
| 1803990 | Design Build Contract for 1803990 Lake Huron Water T | Weiss Construction Co LLC | 2,456,358 |
| GLWA-CS-103 | Professional Engineering Service Springwells Low and | CDM Smith Michigan Inc | 2,295,921 |
| 1904197 | CSO Long-Term Control Plan | LimnoTech | 2,250,878 |
| 1802410 | Rehabilitation of various sampling sites and PS2 Ferric C | Commercial Contracting Corporation | 2,221,884 |
| 1903598 | Construction Manager at Risk for the Assessment and R | The Christman Company | 2,087,513 |
| 9172 | Sewer Operations Primary Sedimentation | Kemira Water Solutions | 2,035,567 |
| 1803025-2 | Job Order Contract - (6 vendors total) | Commercial Contracting Corporation | 2,030,578 |
| 2000292 | New Valve Exercising Project for Field Services | Hydromax USA LLC | 1,930,177 |
| RFB-1123 | Sodium Hypochlorite | PVS Nolwood Chemical Inc | 1,909,902 |
| 2102187R | Oxygen Nitrogen Supply and Service Agreement | Praxair Inc | 1,857,824 |
| 1803705 | Comprehensive Corrosion Control Optimization Study | Arcadis of Michigan LLC | 1,838,972 |
| GLWA-CON-197 | GLWA-CON-197 Modifications to Incinerator Sludge Fee | Weiss Construction Co LLC | 1,816,413 |
| GLWA-CS-166 | Capital Improvement Program CIP Implementation Ass | PMA Consultants LLC | 1,814,363 |
| 1903312 | 13 Mile Transmission Main Loop - Phase I | Major Cement Company | 1,748,883 |
| 2003102 | Garland, Hurlbut, Bewick Water Transmission System F | Pullman SST, Inc. | 1,730,968 |
| GLWA-CS-119(a) | WAM Support and Enhancement Services | DXC Technology Services LLC | 1,724,000 |
| 2002193 | Southwest Water Treatment Plant Chlorine Scrubber ar | Kokosing Industrial Inc. | 1,685,083 |
| 2002655 | Study and Design Services for Northwest Interceptor R | FK Engineering Associates | 1,608,733 |
| 2004666 | Conner Creek Canal Dike Improvements | M-K Construction Company Inc. | 1,579,639 |
| 2004735 | Design/Build Contract for Incineration Complex Fire Re | Commercial Contracting Corporation | 1,473,424 |
| 4302 | 89 Ton Liquid Chlorine (WRRF) | JCI Jones Chemicals Inc | 1,461,585 |
| 1802170 | Fleet Management Service | Enterprise Fleet Management | 1,441,972 |
| 1904332 | (Multiple PO's) Commercial Janitorial Services | GDI Services Inc | 1,440,342 |
| 2000644 | Power Monitor Installation Project | DES Electric LLC | 1,363,364 |
| 1900995 | Maintenance and Repair of Electrical Equipment | Motor City Electric Co | 1,361,316 |
| GLWA-CON-179 | Professional and Technical Services | PCI LLC | 1,327,441 |
| 2004773 | Low Voltage Wiring Task Order Services | Lakeshore Global Corporation | 1,313,359 |
| GLWA-CS-1747 | Fairview Sewage Pump Station | Brown and Caldwell LLC | 1,286,301 |
| 1902659 | Linear System Integrity Program | HDR Michigan, Inc. | 1,270,915 |
| 1904449 | Lake Huron Water Treatment Plant Pilot Plant Design B | Brown and Caldwell Constructors | 1,270,553 |
| GLWA-CS-090A | Professional Engineering Services Instrumentation and | PCI LLC | 1,217,840 |
| 1803769 | Low Lift Wash Water Treatment Plant Pumping Improv | Arcadis of Michigan LLC | 1,194,875 |
| 2004082 | Rehabilitation of Woodward Sewer System | Lanzo Companies, Inc. | 621,218 |
| | | Lanzo Construction Co., Florida | 544,943 |
| 2003443 | Study and Design Services for Conveyance System | FK Engineering Associates | 1,156,067 |
| GLWA-CON-285 | Wholesale Water Meter Rehabilitation & Meter Replac | Lakeshore Global Corporation | 1,089,829 |
| 1134 | Sewer I&E | Emerson Process Management | 1,069,655 |
| 2001456 | Springwells Water Treatment Plant 1958 Settled Water | Spence Brothers | 996,454 |

Appendix C – FY 2022 Combined Contracts Invoiced.

| Contract | Contract Description | Vendor | Amount (Millions) |
|-------------------|--|-------------------------------------|-------------------|
| 2102509 | Independent Engineering Firm to Provide Analysis and | AECOM Great Lakes, Inc | 983,043 |
| 2000757 | Lake Huron Water Treatment Plant Lagoon Area Maintenance | M.L. Chartier, Inc. | 966,384 |
| 1803508 | Liquid Chlorine for Water Plants (one ton) - 2 renewal | JCI Jones Chemicals Inc | 965,536 |
| 1802448 | 13 Mile Transmission Main Loop | Brown and Caldwell LLC | 964,078 |
| 2000970 | Rehabilitation of Screened Final Effluent (SFE) Pump Station | Noresco LLC | 938,127 |
| GLWA-CS-102 | Rehabilitation of Pump Station No. 1 Improvements | Wade Trim Associates Inc | 927,512 |
| 1802575 | GLWA Conveyance System Engineering Services | Brown and Caldwell LLC | 925,771 |
| 1901569 | Dell MiDeal Agreement | Dell Computer Corporation | 914,025 |
| 2200346 | VMWARE Cloud Disaster Recovery as a Service | Access Interactive | 887,289 |
| 2004889 | Specialized Services | Lakeshore Global Corporation | 878,438 |
| 1803942 | Downriver Transmission Main Loop | OHM and WSP, A Joint Venture | 863,775 |
| 1902548A | Heating, Ventilation, and Air Conditioning (HVAC) Build | Johnson Controls Inc. | 847,529 |
| 1803025-3 | Job Order Contract - (6 vendors total) | DE-CAL Inc | 827,882 |
| GLWA-CS-2102199 | Legal Services - Expert Witnesses | Brown and Caldwell LLC | 822,300 |
| 1900318-6 | Engineering Services for GLWA (all sites) - 6 vendors to | Wade Trim Associates Inc | 816,482 |
| GLWA-CS-198 | Asset Management | CH2M Hill Engineers Inc | 793,229 |
| 1802774 | Springwells Water Treatment Plant 1930 Sedimentation | Kokosing Industrial Inc. | 775,187 |
| 2001051 | Southwest Water Treatment Plant SCADA Network Upgrade | Burns & McDonnell Michigan Inc. | 758,952 |
| 1903601 | Yard Piping Engineering Services | CDM Smith Michigan Inc | 725,728 |
| 2100144 | Fuel Services | Crystal Flash, Inc. | 713,255 |
| GLWA-CS-2102200 | Legal Services | Wade Trim Associates Inc | 712,144 |
| GLWA-CS-299 | GLWA-CSO Facilities Needs Assessment Project | Jacobs Consultants, Inc. | 703,681 |
| 1803709 | Conveyance System Infrastructure Improvements | Applied Science Inc | 686,997 |
| 2100891 | Rehabilitation of Outfall B-38 | Lakeshore Global Corporation | 650,880 |
| 2920576 | Pipeline Oxygen Supply Agreement | Praxair Inc | 641,489 |
| GLWA-CS-152 | Route Alternatives Analysis and Preliminary Design for | CH2M Hill Engineers Inc | 635,842 |
| 1900702 | Contract for Grounds Maintenance Services for GLWA sites | Premier Group Associates LC | 626,031 |
| SCO-1134 | 1.WWP Filter Upgrade Project, 2. WRRF DOO, 3.WWP Valve | Emerson Process Management | 612,587 |
| 2103952 | Restoration of the area, impacted by the installation of | Nagle Paving Company | 611,639 |
| GLWA-CS-216 | Third Party Facilitator - Customer Outreach | Bridgeport Consulting LLC | 595,958 |
| GLWA-CS-151A | Reservoir Inspection, Design and Construction Project, | Hazen and Sawyer | 575,089 |
| 2100911 | Baby Creek Roof Replacement and Roofing Improvement | Schreiber Corporation | 554,229 |
| 1803126 | Chemicals and Laboratory Supplies | Hach Company | 546,595 |
| 1803823 | Lake Huron Water Treatment Plant Raw Sludge Clarifier | Weiss Construction Co LLC | 542,608 |
| 2103317 | Emergency Procurement for City of Detroit Public Light | Ferndale Electric Company Inc | 535,688 |
| GLWA-CS-239 | Good Sewer Metering Practices & Analytic Services | CDM Michigan, Inc | 524,924 |
| 2101032 | St. Aubin Outfall Improvements | Marra Services Inc | 515,460 |
| 1900318-4 | Engineering Services for GLWA (all sites) - 6 vendors to | Hubbell, Roth & Clark, Inc. | 504,067 |
| 2001082 | Emergency Standby Generator Preventative Maintenance | Preventive Maintenance Technologies | 494,648 |
| 2004825 | Construction Manager at Risk (CMAR) for 96-Inch Water | Kiewit Infrastructure Co | 476,157 |
| GLWA-CS-195 | Financial Management Consulting Services | The Foster Group LLC | 475,500 |
| 1901555 | Snow Removal & De-icing Services for two(2) years with | Premier Group Associates LC | 432,168 |
| 2000284 | Fire -Alarms, Sprinklers, Extinguishers- Maintenance & | Johnson Controls Fire Protection LP | 431,181 |
| 1803594 | Preventive Maintenance Services for all of the CSO Facil | HESCO Group Inc | 426,669 |
| 2100998 | East Avon Early Works Pipe Material Procurement for t | Northwest Pipe Company | 426,489 |
| 2003901 | Non-Standard Joint Funding Agreement for Water Reso | United States Geological Survey | 420,000 |
| 1902548 | HVAC CONTRACT FOR WWOG | PTS Contracting | 414,688 |
| GLWA-CS-259 | As-Needed Engineering Services for Concrete Testing, G | Somat Engineering Inc | 406,489 |
| 1900318-5 | Engineering Services for GLWA (all sites) - 6 vendors to | HDR Michigan, Inc. | 405,658 |
| 1803978 | Ceridian Human Resources Information Systems (HRIS) | Ceridian | 401,448 |
| 2100822 | Lease of Warehouse Space in Melvindale, Michigan | Family Associates, LLC | 398,757 |
| 1900318-1 | Engineering Services for GLWA (all sites) - 6 vendors to | Arcadis of Michigan LLC | 390,562 |
| 2000917 | Refractory Inspection & Repairs - Complex Incineration | Commercial Contracting Corporation | 389,343 |
| GLWA-CS-055 | Replacement of Yard Piping | AECOM Great Lakes, Inc | 385,717 |
| 1903426 | Arc Flash Study | The Osborn Engineering Company | 383,286 |
| 2004549 | Lake Huron Water Treatment Plant - Flocculation Improv | CDM Smith Michigan Inc | 382,551 |
| 4000701 (1900516) | Energy Management: Freeze Protection Pump Installati | Commercial Contracting Corporation | 365,452 |
| 1902548B | Heating, Ventilation, and Air Conditioning (HVAC) Build | Johnson Controls Inc. | 365,054 |
| GLWA-CON-268 | Park - Merriman 24" Watermain | Salenbien Trucking & Excavating Inc | 364,505 |
| 2000279 | Springwells Water Treatment Plant Flocculator Drive R | Fishbeck | 356,969 |
| GLWA-CS-1671 | Steam, Condensate Return and Compressed Air | METCO Services Inc | 350,589 |
| GLWA-CS-277 | 13 Mile Rd. PCCP Water Main Condition Assessment & P | Pure Technologies US Inc | 350,000 |
| 1802499 | Water Works Park HVAC Improvemnets | HDR Michigan, Inc. | 345,677 |
| 2002135 | Seagull Habitat Modification and Swale at WRRF | Erie Construction LLC | 340,160 |
| 2003785 | Dye Testing Services and As-Needed Engineering | Applied Science Inc | 336,923 |
| 1901592 | GIS Strategic Support Services | Magnolia River Services Inc. | 336,733 |
| 2000068 | Landfill Service For Lime Stabilized Dewatered Sludge | Waste Management Of Michigan Inc | 322,525 |
| GLWA-CS-168 | Conveyance System Interceptors & Trunk Sewers | FK Engineering Associates | 317,482 |
| 2102026 | Aura 6.0 and annual maintenance | Aquasight LLC | 309,159 |
| 1802543 | Rehabilitation of Ferric Chloride Feed Systems at PS-1 a | Hazen and Sawyer | 306,828 |
| GLWA-CS-006 | Third Party Claims Administrator | Broadspire Services Inc | 302,261 |

Appendix C – FY 2022 Combined Contracts Invoiced.

| Contract | Contract Description | Vendor | Amount (Millions) |
|------------------|--|------------------------------------|-------------------|
| GLWA-CON-253 | Springwells Reservoir Fill Line Improvements | Ric-Man Construction Inc | 298,309 |
| 2001434 | Assessing the Integration of Real Time Control (RTC) W | Regents of the University of Mich. | 288,380 |
| 2001433 | Marketing and Communications Services | Fleishman Hilliard Inc | 285,904 |
| 1164 | Intrusion Alarm Maintenance for Security and Informat | D/A Central Inc | 285,581 |
| GLWA-LS-140 | Legal Rep. Consultation & Advice to GLWA | Dykema Gossett PLLC | 280,076 |
| 2001317 | Overhead Door Assessment, Repair & Replacement Serv | Secure Door LLC | 279,061 |
| 1902721 | 2 Year contract for Investment advisor services with tw | PFM Asset Management LLC | 234,906 |
| 2002350 | Preventative maintenance, inspection and repair of Rot | Systems Specialties | 231,623 |
| GLWA-CS-002(a) | Financial Adviser | PFM Financial Advisors LLC | 230,559 |
| 1902299 | ITSM | Avante Solutions, Inc. | 225,644 |
| 2102500 | Esri Licensing for all Water operations | ESRI Inc. | 225,000 |
| 1904860 | Bacteriological Water Testing Supplies and Reagents | Idexx Laboratories | 223,764 |
| GLWA-LS-2102207 | Legal Contract for June 25th & 26th, 2021 Rain Events | Schenk & Bruetsch PLC | 222,515 |
| GLWA-CS-235 | Property and Casualty Insurance Brokerage and Ancilla | Marsh USA Inc. | 216,666 |
| 1802179 | Polymer Flocculant at WRRF | Polydyne Inc | 214,449 |
| 1902658 | CSO Outfall Rehabilitation - Phase IV | Marra Services Inc | 212,170 |
| GLWA-CON-089A | Low Voltage Wiring Services | Lakeshore Global Corporation | 210,331 |
| 1904562 | Fuel Maintenance | Phoenix Environmental Inc | 210,233 |
| 1900933 | External Auditor Services (related to FY 2019, FY 2020 | Baker Tilly Virchow Krause, LLP | 201,192 |
| 1905101 | NORTHEAST WATER TREATMENT PLANT HIGH-PRESSURE | J F Cavanaugh Company | 197,151 |
| 1803456 | Loading, Hauling and Disposal of Scum | Rickman Enterprise Group LLC | 190,097 |
| 1902702 | (Multiple PO's) Furniture and Flooring and Space Desig | Interior Environments LLC | 186,728 |
| 1902040 | CIP 260615 - Site Improvements at Leib and Puritan Fe | DMC Consultants, Inc. | 178,897 |
| 2001694 | Water Residential Assistance Program Advisor | Public Sector Consultants | 168,289 |
| 1905154 | Preventative Maintenance and Repairs for Clayton Stea | Clayton Industries | 165,869 |
| GLWA-LS-295 | Legal Rep. subsequent to Lease with COD & Regional wa | Dickinson Wright PLLC | 165,415 |
| 2101048 | GLWA TPA Services | PMA Management Corp | 162,348 |
| 2001235 | Industrial Lubricant Inventory Items for GLWA Wareho | Lubrication Engineers Inc. | 158,716 |
| 2002363 | Printers for Print Shop | Xerox Corporation | 158,443 |
| 2000092 | Systems Planning | Wade Trim Associates Inc | 152,411 |
| 1902063 (GLWA-CS | Ypsilanti Pump Station Improvements Design | Brown and Caldwell LLC | 147,211 |
| 1900646 | Uniform Rental and Laundering for Water Supply Opera | Unifirst Corporation | 146,365 |
| GLWA-LS-2102518 | Real Property Matters | Zausmer, P.C. | 144,902 |
| 2002908 | WAM Systems Specialist expertise and support for the C | David D. Taylor | 144,620 |
| GLWA-LS-2102598 | June and July 2021 Rain Events | Dickinson Wright PLLC | 140,752 |
| 2001402 | COVID-19 / SARS-CoV-2 in Detroit: Surveillance and Pre | Michigan State University | 140,695 |
| 1902084 | Original PO 10861 Req 1803326 Project Management A | Plante & Moran PLLC | 138,204 |
| 2002946 | Environmental Health and Safety Compliance Services | NTH Consultants Ltd | 137,055 |
| 1803025-5 | Job Order Contract - (6 vendors total) | Lakeshore Global Corporation | 134,891 |
| 1900217 | Construction Agreement for GLWA sites | Future Fence Company | 134,058 |
| GLWA-CS-116 | Conner Creek Emergency Work | Hubbell, Roth & Clark, Inc. | 133,471 |
| 1803810 | Organizational Development Training (One Water Insti | 360water, Inc. | 133,135 |
| 1900356 | Safety warehouse items (2 year contract) | Grainger | 127,583 |
| 2102464 | Heating, Ventilation and Air Conditioning (HVAC) Build | Dunbar Mechanical, Inc. | 127,003 |
| RFB-1067 | Service & Parts for all Pumps Rated 125Hp & Lowe | Detroit Pump & Mfg Co | 123,312 |
| 1904736 | Linko (PIMS) | Linko Technology Inc | 122,831 |
| 1904738-5 | Engage up to six instrumentation contractors for task o | CEC Controls Company, Inc. | 122,780 |
| GLWA-PS-074 | Oversight of Construction Contractors for WRRF (\$300, | Hugh Connolly | 121,323 |
| 1802144 | Government Relations and Legislative Representation | Dykema Gossett PLLC | 120,000 |
| GLWA-CS-273 | Bonfire Public Pro | Bonfire Interactive Ltd | 117,000 |
| 2001370 | Effluent Channel Stop-Logs, Storage Racks, and Lifting D | Ballard Marine Construction LLC | 116,513 |
| 1803448 | Parts and Repair Services for Various Motors | Birclar Electric & Electronics LLC | 115,499 |
| 2003340 | Robicon 40 & 60 HP 454GT Drive Upgrades | Siemens Industry Inc | 111,840 |
| 2004190 | Chlorine Scrubber Media Replacement | Jett Pump & Valve LLC | 107,999 |
| 1904710 | The Occurrence and Fate of Microplastics in Wastewate | Wayne State University | 106,989 |
| GLWA-CON-109 | Emergency Refurbishment of Storm Pumps and Motor C | Lakeshore Global Corporation | 106,924 |
| 1904862 | Geotab | Geotab USA, Inc. | 106,782 |
| 1904738-1 | Instrumentation and control maintenance services for V | Outbound Technologies, Inc. | 106,547 |
| 2100779 | Water Administration and General Expense | Plunkett Cooney PC | 105,625 |
| 2101151 | OnBase EP4 Upgrade | i3-ImageSoft | 105,178 |
| 1803933 | Extermination Services | Rose Pest Solutions | 104,909 |
| 2001236 | Industrial Lubricant Inventory Items for GLWA Wareho | Eastern Oil Company | 104,341 |
| 2000322 | Furniture and Equipment Moving Services | Rose Moving & Storage Co. Inc. | 104,213 |
| RFB-1128 | Sewerage Treatment Operations | Waste Management Of Michigan Inc | 103,003 |
| 1900455-2 | 1 Architectural, Engineering, and Design Service | WSP Michigan Inc. | 102,744 |
| GLWA-CS-171 | Raw Sludge Clarifiers and Raw Sludge Pumping Station | Brown and Caldwell LLC | 102,602 |
| GLWA-CON-234 | Conner Creek Combined Sewer Overflow (CSO) Basin U | Weiss Construction Co LLC | 101,624 |
| 2102184 | Furnish all components and provide all labor necessary | LimnoTech | 100,534 |
| 2102510 | Independent Engineering Firm to Provide Analysis and | Applied Science Inc | 100,000 |
| GLWA-CON-250 | Pumping Station No. 1 Rack & Grit and MPI 1 and Jeffers | Weiss Construction Co LLC | 98,318 |
| 1900318-3 | Engineering Services for GLWA (all sites) - 6 vendors to | Hazen and Sawyer | 97,550 |

Appendix C – FY 2022 Combined Contracts Invoiced.

| Contract | Contract Description | Vendor | Amount (Millions) |
|-------------------|--|-------------------------------------|-------------------|
| GLWA-LS-2102450 | Investigation into June 25, June 26, and July 16, 2021, R | Collins & Collins Law PC | 97,280 |
| 1802970 | Legal Representation, Consultation and Advice to GLWA | Fausone Bohn LLP | 97,090 |
| 1901904 | Above Ground Storage Tank Inspection for CSO Facilitie | GHD Services Inc. | 96,877 |
| 2101468 | Warehouse Relocation and Layout Design for McKinstry | Plante & Moran PLLC | 96,468 |
| 2102512 | Vendor Performance related to Yates Cider Mill | Zausmer, P.C. | 96,335 |
| 2001492 | Crane Service Inspections and Repairs WRRF/CSO Basin | Crane Technologies Group Inc | 95,730 |
| 1903098 | Blanket contract with MiDeal contract no. 071B770000 | Truck & Trailer Specialties Inc. | 94,840 |
| 2001563 | Dearborn Master Metering Assistance | Black & Veatch Ltd Of Michigan | 94,590 |
| 1803077 | Stack testing for WRRF Incinerators | CK Environmental, Inc. | 93,368 |
| 1803776 | Relocation of Analytical Lab to Water Resource Recover | Commercial Contracting Corporation | 93,113 |
| 2103134 | Emergency Geotechnical Services | FK Engineering Associates | 89,280 |
| 1900169 | Biological Phosphorus Removal Pilot | Regents of the University of Mich. | 88,068 |
| GLWA-CON-238 | Chlorination & Dechlorination Process Equipment Impr | Weiss Construction Co LLC | 86,188 |
| 2101766A | Hauling and Disposal of Ash | DHT Transport | 85,874 |
| GLWA-CS-039 | Units of Service for Non-Master Metered Customers | Black & Veatch Ltd Of Michigan | 83,014 |
| GLWA-CS-301 | General Engineering Services | Sigma Associates Inc | 82,011 |
| GLWA-CS-160 | General Engineering Services | METCO Services Inc | 81,682 |
| 2000388 | Water Administration and General Expense | The Allen Law Group PC | 81,528 |
| GLWA-LS-2103067 | Property Acquisition | The Allen Law Group PC | 79,848 |
| 1803447 | Motor Repair for the Five Water Plants (10/7/19 - 10/6 | Integrated Power Services LLC | 77,291 |
| 1902151 | PFAs Health and Ecological Impacts | Wayne State University | 76,648 |
| 1904738-2 | Instrumentation and control maintenance services for V | PCI LLC | 76,032 |
| 2102557 | UPS Replacement/Installation | PCI LLC | 76,005 |
| RFB-1113 | Sewer Operations Secondary Sedimentation | PVS Technologies Inc | 75,830 |
| 2002492 | Equipment Rental | United Rentals North America Inc | 74,720 |
| 1804127 | Preventative Maintenance and Repairs of Laboratory Ec | Hach Company | 73,993 |
| 2002240 | Crane Service Inspections and Repairs Water Plants and | Crane Technologies Group Inc | 73,513 |
| 1904219 | Enterprise Asset Management System Software and Imp | NEXGEN Asset Management | 72,559 |
| 1703524 | Thyssenkrupp Elevators for preventative monthly main | Thyssenkrupp Elevator Corp | 72,298 |
| 1803437-1 | Pump Repair for the Five Water Plants | Kennedy Industries Inc | 65,880 |
| 1802911 | Maintenance of UPS Systems for CSO Basins | PCI LLC | 65,371 |
| GLWA-PS-246 | T&M: PS-1711: Individual Personal Services Contract | Robert M Kowal | 61,787 |
| 1905080 | Facilitation and Project Management Services | TWN Consulting LLC | 61,425 |
| GLWA-CS-257 | Employee Benefits Broker Services | Lockton Companies LLC | 61,141 |
| 1903258A | Organizational Development Benefits Team Member | Aerotek Inc. | 60,620 |
| 2004507 | Legal Representation, Consultation and Advice on Gene | Miller Canfield Paddock & Stone PLC | 60,265 |
| 2102864 | Data-Driven Decision-Making Framework for Risk Man | Regents of the University of Mich. | 59,432 |
| 1900902 | Asset Management of the Drinking Water Transmission | Regents of the University of Mich. | 58,118 |
| 1904820 | Innovation Services | Isle Inc. | 57,500 |
| 2003099 | PMP for CSF, WWB & WRRF | Macomb Mechanical Inc | 57,132 |
| 2002204 | APOLLO ADVISER APPLICATION MAINTENANCE & DEVE | Aquasight LLC | 56,250 |
| 2102587 | Consultant shall assist GLWA in managing claim develop | Tidal Basin Government Consulting | 55,211 |
| GLWA-LS-1905087 | Legal Representation, Consultation and Advice to GLWA | Zausmer, P.C. | 52,894 |
| 2101423 | Evaluation of Real-Time Bacteria Monitoring Tools | OHM Advisors | 52,434 |
| 1905087 | Water Administration and General Expense | Zausmer, P.C. | 51,923 |
| 2102526 | Learning Management System | Cornerstone onDemand Inc. | 51,630 |
| 1803876 | Renew InfoTech Subscription | Info-Tech Research Group Inc | 50,646 |
| 1902536 | Refuse & recycling services various locations 10/15/20 | Waste Management Of Michigan Inc | 50,600 |
| GLWA-LS-2102331 | Investigation into June 25-26, July 2-3, July 16 & July 24 | Kerr, Russell and Weber, PLC | 50,355 |
| 1901036 | CIP # 112005 Northeast Water Treatment Plant Replac | LaSalle Construction Services | 50,312 |
| 2100721 | GLWA Security Uniforms and Supplies | Allie Brothers Inc | 49,889 |
| GLWA-CS-201 | Job Order Contract for Construction, Environmental, Sp | Professional Service Industries Inc | 49,755 |
| GLWA-LS-221 | Legal Representation, Consultation & Advice (\$300,000 | Attorney Eric V Smith PLC | 49,515 |
| 1901767 | Newburgh Road Booster Pumping Station Improvement | Brown and Caldwell LLC | 48,935 |
| 2001308 | Vinyl Graphics Services for GLWA Fleet and Facilities | FastSigns Detroit | 48,100 |
| 2897583 | Req#170299 | VWR International | 47,535 |
| 2001595 | Life Cycle Analysis of the Great Lakes Water Authority | Regents of the University of Mich. | 47,411 |
| 2101819 | Service-Link (Work Force Management System) Mainte | West Coast Labour Systems Corp | 46,234 |
| 2100771 | Method Development for Detection of Human Sources o | Wayne State University | 45,673 |
| 2101076 | Power Meters | Madison Electric Company | 45,532 |
| 1802860 | Legal Representation | Plunkett Cooney PC | 45,162 |
| 2000779 | Imagery Subscription | Nearmap US Inc. | 45,000 |
| 1903746 | Contractual Professional Services Team Training | PeopleGro LLC | 44,980 |
| 1903548 | Gov Delivery Communications Cloud and Legistar | Granicus LLC | 43,890 |
| 1901609A | CIP No. 260613 - HVAC Improvements at Baby Creek CS | PTS Contracting | 43,583 |
| 2102742 | Network Penetration Testing | Cyber Defense Technologies | 43,193 |
| 1903753 | Preventative Maintenance, Lab Supplies and Repairs fo | Modern Water Inc. | 42,653 |
| 1900218 | Retrofit Exciter for 1500 HP Westinghouse Motor | Siemens Industry Inc | 41,500 |
| 2001596 | MiDeal Equipment Rentals for Fleet Facilities Sunbelt R | Sunbelt Rentals, Inc. | 41,257 |
| GLWA-CS-187 (form | CS-187: FK Eng: Raw Water Intake | FK Engineering Associates | 41,160 |
| GLWA-LS-2101689 | Environmental Matters | Dykema Gossett PLLC | 39,931 |

Appendix C – FY 2022 Combined Contracts Invoiced.

| Contract | Contract Description | Vendor | Amount (Millions) |
|-----------------|---|-------------------------------------|-------------------|
| 2103276 | CONSULTING SERVICES FOR FEDERAL/STATE GRANTS | Tidal Basin Government Consulting | 39,544 |
| 2004673 | Aruba Upgrade & Support | Moss Telecommunications Services | 39,354 |
| 2200303 | Installation of High Lift Pump Casing Pressure Transmitt | Advance Instrumentation Systems | 39,000 |
| 1067-1 | Repair Pumps | Kennedy Industries Inc | 38,682 |
| 2003057 | Water and sewer services to the City of Dearborn | Fausone Bohn LLP | 37,905 |
| 1803538 | Ford Road Booster Station Improvements - Discharge P | Weiss Construction Co LLC | 36,852 |
| 2002915 | Redesign of Circular Scum System and Scum Concentrat | Arcadis of Michigan LLC | 36,500 |
| 2000382 | Management Consulting Services for Fleet Implementat | Plante & Moran PLLC | 36,366 |
| 2002514 | MIDeal Contract - IT Asset Disposal Services | Re-Source Partners | 35,460 |
| 1902059 | Transport and Fate of Nutrients in Biosolids at Water R | Michigan State University | 35,148 |
| 1905077 | Puritan-Fenkell and & Mile CSO Facilities Instrumentati | PCI LLC | 34,770 |
| 1902678 | Water Administration and General Expense | Dun & Bradstreet Inc | 34,398 |
| 2101113 | Audit services for Process Safety Management (PSM) an | NTH Consultants Ltd | 33,917 |
| 2200367 | Seagull Control Services | American Falconry Services LLC | 33,064 |
| 2002722 | Professional Services Agreement (Technical Services Ag | Siemens Industry Inc | 30,863 |
| 1803821 | Trimble Unity Implementation | Trimble Inc | 30,050 |
| 1900357 | Tool warehouse items (2 year contract) | Grainger | 29,827 |
| GLWA-LS-2201015 | GLWA v Highland Park Industrial Pretreatment Program | Dykema Gossett PLLC | 29,482 |
| GLWA-CS-018 | Utility Billing and Cash Receipt Software | BS&A Software | 29,457 |
| 2100712 | Digital Imaging Services for Documents Located at WRR | Digital Science Group LLC | 29,143 |
| 2200008 | Advisa - Predictive Index Renewal | The Predictive Index LLC | 29,000 |
| 2004445 | Addendum No.1 Lerch Bates Co op | Lerch Bates, Inc. | 28,947 |
| 2001395 | Professional Engineering Services at WRRF | Michael K. Stenstrom, Ph.D., P.E. | 27,800 |
| 2102101 | Security Software, Maintenance, and Training | CI Technologies, Inc. | 27,800 |
| GLWA-LS-066 | Legal Representation, Consultation and Advice in Conne | Allen Brothers, PLLC | 27,758 |
| 1803025-4 | Job Order Contract - (6 vendors total) | J F Cavanaugh Company | 26,399 |
| 2102174 | Volatile Fatty Acids Analysis | Wayne State University | 26,379 |
| 2101544 | Sewer Analytical Lab Services | Thermo Electron North America LLC | 25,827 |
| 2103704 | Frayer Consulting Services | Frayer Consulting Services LLC | 25,250 |
| 1903695 | Evaluation, Repair, and Cost for PGA Analyzers | Rosemount Analytical Inc | 24,285 |
| 1901566 | GLWA Incinerator MACT MMM Emission Testing Assista | Incinerator Rx Corporation | 23,627 |
| 2101341 | Remote Diagnosis and Repair Parts for Server Hardwar | Park Place Technologies LLC | 23,240 |
| 2100746 | McNaughton-McKay Statement of Work #30213513.0 | Mcnaughton Mckay Electric Company | 23,200 |
| 2200080 | IQ Express + Annual Hosting Fees | BigTime Software Inc. | 23,040 |
| 2002947 | Professional Services (Design and Construction Assista | Albert Kahn Associates Inc. | 22,850 |
| GLWA-CS-141 | Family and Medical Leave Act Services | FMLASource Incorporated | 22,828 |
| 1900107 | General Mill Supply Co v. Great Lakes Water Authority a | Kopka Pinkus & Dolin PC | 22,750 |
| 2004471 | Consulting Services | Public Sector Consultants | 22,679 |
| 1900455-1 | Architectural, Engineering, and Design Service | SDG Associates, LLC | 21,694 |
| 2101260 | Revere Dock Litigation - 5851 W Jefferson Ave, Detroit, | Lewis & Munday P C | 21,638 |
| 2100757 | Water Administration and General Expense | Butzel Long PC | 21,632 |
| 2100663 | Water Administration and General Expense | Clark Hill | 21,120 |
| 1903808 | Ethics and Compliance Hotline Services (RFB) | Calls Plus | 20,775 |
| 2002530 | Midwest Valve v Great Lakes Water Authority | Dickinson Wright PLLC | 20,720 |
| 2002180 | Maintenance of VFD's @ WRRF | Siemens Industry Inc | 19,694 |
| 2102672 | Trusted Advisors for up to 250 hours | SkyNorth Software | 19,688 |
| 2001574 | Sympro Debt Management Software | Emphasys Software | 19,570 |
| 2100373 | Flocculation Basins Analysis | Zachary Sharp | 19,450 |
| 1900318-2 | Engineering Services for GLWA (all sites) - 6 vendors to | Black & Veatch Ltd Of Michigan | 19,241 |
| 3979 | Lease, Operate, and Maintain Contract the Oxygen Vapo | Praxair Inc | 19,119 |
| GLWA-CS-077 | Occupational Health Services | Henry Ford Health System | 17,730 |
| GLWA-CS-300 | Financial Automation Solution Services | CCH Tagetik | 17,160 |
| 2100041 | Fire Alarm, Fire Sprinkler, Fire Extinguisher Maintenanc | Johnson Controls Fire Protection LP | 16,605 |
| 1903453 | Systems Control Center Support Services | PCI LLC | 16,470 |
| 2000299 | Floor Covering Supply and Installation Services | SCI Floor Covering Inc. | 16,136 |
| 2003786 | PS-2 Two Grit Channel Study | Wade Trim Associates Inc | 16,076 |
| 2200240 | AISC QUOTE: 1152 SCREEN HOUSE PROJECT SCREEN HO | Advance Instrumentation Systems | 16,000 |
| GLWA-CS-282 | GLWA-CS-282 Design and Construction Assistance Servi | WSP Michigan Inc. | 15,223 |
| SCO-1133 | Capturis: Utility Billing Management Services - Contract | Capturis | 15,154 |
| 1803809 | Lieb & Puritan Fenkell: Engineering Services for Existin | Hubbell, Roth & Clark, Inc. | 14,636 |
| 1904716 | Continuation of facilitation of project work teams as rec | Project Innovations Inc | 14,605 |
| 2102225 | Service Agreement for Biotage Horizon 3100 and 5000 | Biotage LLC | 14,580 |
| 1076 | Sewerage Treatment Operations | Cintas | 14,458 |
| 2103268 | Service Agreement for Two Quick Trace M7600 Mercy A | Teledyne Leeman Labs | 14,274 |
| 2101987 | Composite Repair and Protective Services at Conner Cre | Unconventional Services Inc | 14,250 |
| 2100570 | Consulting Service to Support GLWA's Risk and Process | Process Improvement Institute Inc. | 14,122 |
| 2100234 | Large scale (Grid) sampling for eColi in the waterways i | Alliance of Rouge Communities | 14,008 |
| 2004315 | SIDRIVE IQ Services | Siemens Industry Inc | 13,900 |
| 1903179 | Tagetik Software Implementation Assistance to include | Plante & Moran PLLC | 13,571 |
| GLWA-CS-292 | Engineering Services to the Replacement/Rehabilitatio | METCO Services Inc | 13,358 |
| 2004474 | UPS Maintenance Service Contract for CSO and WRRF Fa | PCI LLC | 13,117 |

Appendix C – FY 2022 Combined Contracts Invoiced.

| Contract | Contract Description | Vendor | Amount (Millions) |
|-----------------|---|------------------------------------|-------------------|
| 2004700 | Executive and Managerial Training for Water Operations | Project Innovations Inc | 12,995 |
| 2000666 | HVAC Maintenance Plan | Carrier Corporation | 12,700 |
| GLWA-LS-2101474 | Legal Services | Plunkett Cooney PC | 12,035 |
| 1903684 | Grit Removal Optimization - Grit Sampling and Characterization | Hazen and Sawyer | 11,885 |
| 2200978 | LinkedIn Learning for Government | LinkedIn Corporation | 11,875 |
| 2103322 | GLWA BOD Lab Additional Bench and Wall Shelving | Farnell Equipment Company | 11,668 |
| 1900227 | Electrical warehouse items (2 year contract) | MSC Industrial Supply Company | 11,623 |
| 2101259 | Attorney for IT Negotiations | Schuster Law PLC | 11,051 |
| CS-115 | Background Screening Services | HireRight, LLC | 10,879 |
| 2004002 | BIM 360 Docs Assistance | DLT Solutions LLC | 10,771 |
| 1097 | Sewer Ops Incineration & Ash Handling | Carmeuse Lime & Stone | 10,145 |
| 2101988 | Composite Repair and Protective Services at Hubbell-Southfield | Unconventional Services Inc | 10,050 |
| 1804054 | St. Aubin CSO Facility Outfall CP 2: Replacement and Relocation | ONYX Engineering Ltd. | 9,600 |
| GLWA-LS-1802659 | In the matter of Case No. 18-cv-11001-MAG-SDDLegal Representation | Jackson Lewis P.C. | 9,569 |
| 1902591 | Legal Representation, Consultation and Advice to GLWA | Zausmer, P.C. | 9,460 |
| 2101321 | Blanket PO for lighting and electrical supplies. Request for | Graybar Electric Company | 9,184 |
| 2101929 | Installation and Furnishing of Shades | The Sheer Shop Inc. | 8,985 |
| 1900251 | Mechanical Inventory Items for Warehouses 2 year contract | Binkelman Corporation | 8,977 |
| 2101294 | Internal Audit, Controls and Other Related Business Advisory | Karen Ann Muglia | 8,880 |
| 2001636 | Maintenance and Repair Services for Small Engines & Equipment | Weingartz Supply Co., Inc. | 8,699 |
| 2100313 | Power Metering Design for Schoolcraft Booster Station | Applied Power and Controls Inc. | 8,400 |
| 1903798 | Warehouse Inventory Items - Filters | Aero Filter Inc | 8,169 |
| 2100360 | Sewer Analytical Lab Services | O I Analytical | 8,041 |
| 1901155 | Drinking Water Monitoring Network | Environmental Consulting | 8,000 |
| 2002059 | Brand Name Tires, Forklift, Front-End Loader Tires and | Tredroc Tire Services, LLC | 7,897 |
| 2003851 | CDL Testing and Training for 'B' and 'A' | Bert's Testing & Training Services | 7,745 |
| GLWA-LS-294 | Legal Representation and advice with ERISA issues | Dickinson Wright PLLC | 7,715 |
| 2004292 | Legal Representation, Consultation and Advice with Data | Zausmer, P.C. | 7,713 |
| 2200348 | Furnish and Install Geotechnical Polymer at the Sludge | Havener Tech | 7,500 |
| 2103141 | Hubbell Southfield CSO : Basement Wall Secondary Containment | Havener Tech | 7,500 |
| 2100588 | Blanket Contract for Masonry Supplies & Tools. | Boomer Construction Materials | 7,468 |
| 1901968 | Mat rental services at WRRF for 2 years from 10/1/2019 to | Action Mat & Towel Rental | 7,429 |
| 2100013 | Target Solutions | TargetSolutions Learning, LLC | 7,415 |
| 2003089 | Water System Control Center Operations | Vieux & Associates Inc. | 7,025 |
| 2002823 | Digital Records Conversion - WRRF/CSO Documents | Digital Science Group LLC | 6,810 |
| 2102007 | Stationary Generator Repair and Maintenance | Wolverine Power Systems | 6,335 |
| LA-2001482 | This Lease is entered into on May 1, 2020, between the City of | Hantz Farms LLC | 6,300 |
| GLWA-LS-2100779 | Highland Park Appeal | Plunkett Cooney PC | 6,229 |
| 2004597 | Onsite service and preventative maintenance for CEMS | Teledyne CETAC Technologies Inc | 6,183 |
| 2000153 | Cisco WebEx | Cisco Systems Inc | 6,060 |
| 2101506 | Software | LPA Software Solutions, LLC | 5,988 |
| SCO-1015 | Laboratory Information Management System (LIMS) | HORIZON Lab Systems | 5,964 |
| 1900355 | Plumbing warehouse items (2 year contract) | Grainger | 5,888 |
| 2002349 | Maintenance, Repair, Service & Supply for GLWA Fleet | Michigan CAT | 5,785 |
| 1133 (1800397) | Water Administration and General Expense | Capturis | 5,766 |
| 2004746 | Water Source of Supply Operations | Walz & Krenzer Inc. | 5,733 |
| 1901083 | Design services for HVAC Controls project for Lab relocation | Sellinger Associates Inc | 5,625 |
| 2103088 | Engineering and analytical support | Wade Trim Associates Inc | 5,610 |
| GLWA-LS-2100757 | Negotiation of the I-94 Storm Water Discharge Agreement | Butzel Long PC | 5,250 |
| 2103059 | Preventative Maintenance and Repair Service for the Treatment | Evoqua Water Technologies LLC | 5,065 |
| 1036 | Water Administration and General Expense | Detroit Legal News | 5,011 |
| 2102560-1 | Car Rental | Enterprise Holding Inc. | 4,953 |
| 1900230 | Hardware warehouse items (2 year contract) | Black Anvil Construction Supplies | 4,947 |
| 2103659 | Plunkett Cooney, P.C. Legal Services | Plunkett Cooney PC | 4,936 |
| 2004618 | Conrail Strip located at Warren and Tireman | Giffels Webster | 4,320 |
| 1803437-2 | 1 Pump Repair for the Five Water Plants | Kerr Pump and Supply, Inc. | 4,295 |
| 2101040 | Blanket PO for Welding Supplies | Metro Welding Supply Corporation | 4,286 |
| 2001549 | Legal Representation, Consultation, and advice on 14 Mile | Zausmer, P.C. | 4,285 |
| 2100477 | Complete 3 soil borings at the 5181 E. Outer Drive, Detroit | ASTI Environmental | 4,100 |
| GLWA-LS-2200512 | Review of Life Insurance Claims | Collins Einhorn Farrell PC | 3,943 |
| 8901 | CSO - Control Basins Operations | PVS Nolwood Chemical Inc | 3,833 |
| 1900250 | Industrial Lubricant Warehouse Items for two years | MSC Industrial Supply Company | 3,805 |
| GLWA-LS-100 | Legal Representation | Zausmer August & Caldwell PC | 3,795 |
| 1900526 | Instrumentation Improvements Engineering Services | Wade Trim Associates Inc | 3,709 |
| 1701895 | Turbonomic (Support & Maintenance) | Turbonomic Inc | 3,708 |
| GLWA-LS-050 | Legal Representation to GLWA | Dykema Gossett PLLC | 3,654 |
| 1803350 | Service Charge Consulting Services | Hupp Consulting LLC | 3,578 |
| GLWA-CS-501 | Real Estate and Brokerage Services | Jones Lang LaSalle | 3,500 |
| 1801844 | Kaleidico | Kaleidico LLC | 3,450 |
| GLWA-LS-2200276 | 2020 and 2022 14 Mile Road Watermain break claims | Rosati, Schultz, Joppich & | 3,450 |
| 2101258 | Geo tab installing and repair of geo tabs | SGN Mobile Electronics | 3,425 |

Appendix C – FY 2022 Combined Contracts Invoiced.

| Contract | Contract Description | Vendor | Amount (Millions) |
|--------------------|---|------------------------------------|--------------------|
| GLWA-CS-233 | Lexisnexis Subscription Agreement | LexisNexis | 2,952 |
| 1902309 | Digital imaging services for documents located at the Be | Digital Science Group LLC | 2,928 |
| 1903449 | Relocation of Fire Suppression Systems at WRRF (Desig | Alfred Benesch & Associates | 2,855 |
| 2001970 | Blanket PO for towing services for all GLWA vehicles | L.I.J.B.S. Enterprises, LLC | 2,650 |
| 2100360A | Service of FS3700 Cyanide & Ammonia Instruments and | YSI Incorporated | 2,625 |
| 2101806 | Apprenti Memorandum of Understanding (MOU) | Apprenti | 2,500 |
| 1803422 | Iron Mountain Storage for FR&A and Treasury Documen | Iron Mountain | 2,292 |
| 1900456 | Bleacher Design, Furnishing and Installation | Atlas Bleachers | 2,250 |
| 2103086 | Blanket Contract for Supply Goods for Removal and Aba | Norkan Inc | 2,011 |
| 1802833 | Real Appraisal Services | Treadwell & Associates Inc | 1,950 |
| GLWA-CS-262 | General Engineering Services | Sigma Associates Inc | 1,691 |
| 1905017 | LS-1905017 General Organizational Development Matt | Plunkett Cooney PC | 1,580 |
| 1802312 | PM Services for 4 DI Units Twice Per Year | Evoqua Water Technologies LLC | 1,552 |
| 2001606 | Water Quality Operations | Paragon Laboratories Inc | 1,499 |
| 1904955 | Water Administration and General Expense | Alpha Psychological Services PC | 1,485 |
| 1903626 | Legal Contract: General Employment /Labor Matters | Starr Butler, PLLC | 1,368 |
| GLWA-LS-296 | National Industrial Maintenance Inc. v City of Detroit an | Barris Sott Denn & Driker | 1,025 |
| 1153 | Water Administration and General Expense | Cintas | 981 |
| 2002102 | Professional Services Contract | CDM Smith Michigan Inc | 975 |
| 1802235 | Water Administration and General Expense | Heritage Vision Plans | 770 |
| 1802804 | Professional Engineering Services | OHM Advisors | 719 |
| 1140 | Water General Operating & Maintenance | Cintas | 543 |
| 2001969 | Blanket PO for towing services for all GLWA vehicles | Troy's Towing Inc. | 425 |
| 1903797 | Belt Warehouse Inventory Items for 2 years | MSC Industrial Supply Company | 350 |
| 1802659 | Water Administration and General Expense | Jackson Lewis P.C. | 343 |
| 2102397 | Tiles, Cutting Tools & Accessories | Dal-Tile Distribution | 320 |
| 2000876 | ShredCorp Services Description for REQ 2000876 Shred | ShredCorp. | 180 |
| 1803533 | Actuarial Services Related to City of Detroit General Ret | Segal Consulting | 180 |
| GLWA-LS-175 | Legal Representation, Consultation and Advice to the Gr | Steven H Schwartz & Associates PLC | 158 |
| GLWA-CS-2102188 | Administrative Hearing Officer Contract | Schenk & Bruetsch PLC | 148 |
| 1900420 | Legal Representation in the Matter of Massey v GLWA | Starr Butler, PLLC | 48 |
| 1904095 | Water Administration and General Expense | Action Impact - Eastpointe | 37 |
| SCO-1023 | ImageSoft | ImageSoft Inc | 0 |
| 1902548C | Sewer Plant Administration | Johnson Controls Inc. | 0 |
| GLWA-CS-034 | Pump Discharge Valve Actuators Replacement at SWTP | Tetra Tech of Michigan PC | 0 |
| 1902433 | Standby (Emergency) Generator and Maintenance and I | Michigan CAT | -7,554 |
| Grand Total | | | 344,377,971 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|------------------------------------|---------------|----------|--------------|
| DTE Energy | 4344 | 1 | \$43,774,618 |
| Lakeshore Global Corporation | 244 | 13 | \$42,253,314 |
| Ballard Marine Construction LLC | 32 | 3 | \$22,239,310 |
| Weiss Construction Co LLC | 254 | 11 | \$20,158,956 |
| Kokosing Industrial Inc. | 82 | 4 | \$18,323,309 |
| Pullman SST, Inc. | 270 | 5 | \$15,936,970 |
| New England Fertilizer Company | 15 | 2 | \$15,870,896 |
| AT&T | 393 | 3 | \$15,810,004 |
| AECOM Great Lakes, Inc | 110 | 3 | \$12,516,437 |
| Ric Man/Clark Joint Venture | 14 | 2 | \$11,610,470 |
| Ric-Man Construction Inc | 65 | 4 | \$10,531,144 |
| Walsh Construction Company | 88 | 1 | \$9,706,824 |
| Commercial Contracting Corporation | 154 | 8 | \$9,174,328 |
| Mobile Dredging & Video Pipe Inc | 19 | 1 | \$8,846,437 |
| Inland Waters Pollution Control | 25 | 1 | \$8,291,632 |
| Arcadis of Michigan LLC | 132 | 5 | \$7,440,607 |
| Clark Construction Company | 23 | 1 | \$6,778,978 |
| State of Michigan - Natural Gas | 237 | 1 | \$6,750,124 |
| Barton Malow Company | 29 | 2 | \$6,197,945 |
| Board of Water Commissioners | 701 | 1 | \$6,063,780 |
| Jay Dee Contractors Inc. | 22 | 2 | \$6,053,954 |
| Jacobs Consultants, Inc. | 105 | 2 | \$5,070,093 |
| Marsh USA Inc. | 36 | 3 | \$4,452,951 |
| Rotor Electric Co | 19 | 2 | \$4,413,821 |
| Hazen and Sawyer | 142 | 5 | \$4,367,601 |
| Brown and Caldwell LLC | 210 | 7 | \$4,297,197 |
| CDM Smith Michigan Inc | 113 | 5 | \$3,406,539 |
| Kemira Water Solutions | 532 | 1 | \$3,294,054 |
| Dan's Excavating Inc. | 42 | 1 | \$3,256,197 |
| FK Engineering Associates | 153 | 5 | \$3,212,722 |
| Chemtrade Chemicals US LLC | 560 | 5 | \$2,946,713 |
| PCI LLC | 77 | 12 | \$2,918,024 |
| JCI Jones Chemicals Inc | 222 | 8 | \$2,708,339 |
| Wade Trim Associates Inc | 98 | 7 | \$2,633,944 |
| Tooles Contracting Group LLC | 2 | 1 | \$2,615,543 |
| Praxair Inc | 65 | 5 | \$2,607,104 |
| PVS Nolwood Chemical Inc | 521 | 15 | \$2,436,320 |
| LimnoTech | 123 | 2 | \$2,351,412 |
| Detroit Water and Sewerage | 24 | 6 | \$2,154,000 |
| The Christman Company | 32 | 1 | \$2,087,513 |
| HDR Michigan, Inc. | 78 | 3 | \$2,022,250 |
| Hydromax USA LLC | 119 | 1 | \$1,930,177 |
| PMA Consultants LLC | 169 | 1 | \$1,814,363 |
| Major Cement Company | 13 | 2 | \$1,739,300 |
| DXC Technology Services LLC | 12 | 1 | \$1,724,000 |
| Emerson Process Management | 24 | 3 | \$1,704,079 |
| Polydyne Inc | 218 | 5 | \$1,615,891 |
| Motor City Electric Co | 166 | 9 | \$1,562,047 |
| M-K Construction Company Inc. | 21 | 2 | \$1,486,077 |
| Enterprise Fleet Management | 24 | 1 | \$1,441,972 |
| GDI Services Inc | 331 | 7 | \$1,440,942 |
| CH2M Hill Engineers Inc | 61 | 2 | \$1,429,071 |
| Johnson Controls Inc. | 213 | 4 | \$1,351,090 |
| DES Electric LLC | 37 | 3 | \$1,307,904 |
| Waste Management Of Michigan Inc | 365 | 17 | \$1,194,016 |
| Premier Group Associates LC | 275 | 16 | \$1,170,750 |
| Brown and Caldwell Constructors | 60 | 2 | \$1,143,497 |
| Applied Science Inc | 50 | 3 | \$1,123,919 |
| Dell Computer Corporation | 35 | 13 | \$1,092,823 |
| Grainger | 2053 | 687 | \$1,043,993 |
| Univar USA Inc | 35 | 5 | \$1,031,570 |
| Spence Brothers | 36 | 2 | \$1,015,657 |
| M.L. Chartier, Inc. | 9 | 2 | \$1,010,934 |
| Marra Services Inc | 20 | 3 | \$964,748 |
| DE-CAL Inc | 21 | 6 | \$952,823 |
| Noresco LLC | 15 | 1 | \$938,127 |
| Access Interactive | 3 | 1 | \$887,289 |
| Experis US Inc | 126 | 9 | \$884,872 |
| OHM and WSP, A Joint Venture | 35 | 1 | \$863,775 |
| HESCO Group Inc | 192 | 40 | \$837,696 |
| Crystal Flash, Inc. | 245 | 1 | \$713,255 |
| Burns & McDonnell Michigan Inc. | 26 | 2 | \$697,116 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|-------------------------------------|---------------|----------|-------------|
| CDW Computer Centers Inc | 87 | 32 | \$689,860 |
| Pencco, Inc. | 65 | 5 | \$672,015 |
| Hubbell, Roth & Clark, Inc. | 20 | 3 | \$652,174 |
| Hach Company | 343 | 61 | \$620,936 |
| Detroit Pump & Mfg Co | 58 | 33 | \$617,834 |
| Nagle Paving Company | 1 | 1 | \$611,639 |
| Systems Specialties | 128 | 29 | \$596,662 |
| Bridgeport Consulting LLC | 12 | 1 | \$595,958 |
| Hart EMS Medical Services PLLC | 108 | 1 | \$566,325 |
| Oracle America Inc | 50 | 4 | \$544,964 |
| Lanzo Construction Co., Florida | 10 | 1 | \$544,943 |
| Regents of the University of Mich. | 162 | 5 | \$541,409 |
| Ferndale Electric Company Inc | 8 | 2 | \$537,308 |
| CDM Michigan, Inc | 12 | 1 | \$524,924 |
| Verizon | 34 | 1 | \$520,795 |
| Family Associates, LLC | 33 | 2 | \$520,404 |
| Schreiber Corporation | 10 | 3 | \$520,300 |
| Cascade Consultants LLC | 4 | 2 | \$519,145 |
| Lanzo Companies, Inc. | 13 | 2 | \$504,602 |
| Water Research Foundation | 3 | 3 | \$504,467 |
| The Foster Group LLC | 23 | 3 | \$500,500 |
| Preventive Maintenance Technologies | 206 | 4 | \$494,648 |
| PTS Contracting | 42 | 3 | \$485,856 |
| Salenbien Trucking & Excavating Inc | 12 | 2 | \$479,505 |
| Kiewit Infrastructure Co | 6 | 1 | \$476,157 |
| City Of Allen Park | 24 | 1 | \$474,193 |
| Dykema Gossett PLLC | 63 | 5 | \$473,143 |
| PVS Technologies Inc | 12 | 1 | \$465,802 |
| GALCO Industrial Electronics | 100 | 65 | \$450,535 |
| Johnson Controls Fire Protection LP | 90 | 4 | \$450,170 |
| Epitec Inc | 150 | 4 | \$449,060 |
| METCO Services Inc | 87 | 3 | \$445,629 |
| D/A Central Inc | 100 | 3 | \$434,430 |
| Northwest Pipe Company | 2 | 1 | \$426,489 |
| United States Geological Survey | 6 | 1 | \$420,000 |
| Somat Engineering Inc | 26 | 1 | \$406,489 |
| Ceridian | 25 | 1 | \$401,448 |
| State of Michigan - EGLE | 20 | 1 | \$401,362 |
| Madison Electric Company | 112 | 60 | \$389,577 |
| The Osborn Engineering Company | 46 | 1 | \$383,286 |
| Veolia Water Technologies Canada | 36 | 3 | \$375,325 |
| Zausmer, P.C. | 37 | 6 | \$367,511 |
| Aquasight LLC | 7 | 2 | \$365,409 |
| Fishbeck | 33 | 1 | \$356,969 |
| Pure Technologies US Inc | 1 | 1 | \$350,000 |
| Erie Construction LLC | 18 | 2 | \$340,177 |
| Magnolia River Services Inc. | 17 | 1 | \$336,733 |
| Dickinson Wright PLLC | 59 | 5 | \$334,602 |
| DHT Transport | 53 | 3 | \$325,928 |
| Mcnaughton Mckay Electric Company | 212 | 88 | \$314,010 |
| CSX Transportation | 14 | 1 | \$305,485 |
| Siemens Industry Inc | 132 | 17 | \$305,155 |
| J F Cavanaugh Company | 18 | 3 | \$304,029 |
| Fleishman Hilliard Inc | 12 | 1 | \$285,904 |
| Plante & Moran PLLC | 24 | 4 | \$284,609 |
| JGM Valve Corporation | 39 | 22 | \$282,611 |
| Secure Door LLC | 110 | 1 | \$279,061 |
| Motor City Pipe & Supply Co | 428 | 212 | \$276,098 |
| JWC Environmental Inc. | 19 | 9 | \$259,700 |
| Sulco Chemicals Limited | 50 | 1 | \$259,284 |
| Wayne State University | 104 | 4 | \$255,690 |
| Kennedy Industries Inc | 20 | 15 | \$254,422 |
| Interior Environments LLC | 48 | 5 | \$251,363 |
| Flowserve US Inc | 1 | 1 | \$247,000 |
| American Water Works Association | 1 | 1 | \$242,044 |
| Data Consulting Group Inc | 15 | 3 | \$241,576 |
| PFM Asset Management LLC | 13 | 2 | \$234,906 |
| VWR International | 734 | 24 | \$233,709 |
| MetalFab Inc | 52 | 38 | \$231,720 |
| PFM Financial Advisors LLC | 14 | 2 | \$230,559 |
| SEMCO Energy | 12 | 1 | \$227,841 |
| Phoenix Environmental Inc | 77 | 3 | \$226,048 |
| Avante Solutions, Inc. | 18 | 1 | \$225,644 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|-------------------------------------|---------------|----------|-------------|
| ESRI Inc. | 1 | 1 | \$225,000 |
| Idexx Laboratories | 172 | 23 | \$223,764 |
| Schenk & Bruetsch PLC | 12 | 2 | \$222,663 |
| Broadspire Services Inc | 36 | 2 | \$216,478 |
| RS Technical Services Inc | 117 | 54 | \$215,929 |
| Metro Welding Supply Corporation | 250 | 38 | \$215,927 |
| Crane Technologies Group Inc | 65 | 6 | \$211,564 |
| DMC Consultants, Inc. | 16 | 2 | \$210,480 |
| Baker Tilly Virchow Krause, LLP | 5 | 1 | \$201,192 |
| Rose Pest Solutions | 55 | 3 | \$200,444 |
| MacAllister Machinery Co Inc | 29 | 11 | \$197,701 |
| Black & Veatch Ltd Of Michigan | 9 | 3 | \$196,845 |
| Michigan State University | 31 | 3 | \$195,843 |
| Public Sector Consultants | 20 | 2 | \$190,968 |
| A/C Service & Repair Inc. | 5 | 2 | \$190,820 |
| Rickman Enterprise Group LLC | 12 | 1 | \$190,097 |
| 360water, Inc. | 8 | 2 | \$188,215 |
| Lubrication Engineers Inc. | 26 | 9 | \$178,988 |
| Capp USA | 31 | 25 | \$177,071 |
| DLT Solutions LLC | 16 | 7 | \$176,862 |
| Plunkett Cooney PC | 36 | 5 | \$175,565 |
| NTH Consultants Ltd | 32 | 2 | \$170,972 |
| Premier Safety | 189 | 54 | \$170,214 |
| Clayton Industries | 35 | 5 | \$170,141 |
| JMK Engineering, Inc | 27 | 1 | \$166,320 |
| Staples Business Advantage | 847 | 2 | \$163,674 |
| PMA Management Corp | 11 | 1 | \$162,348 |
| The Allen Law Group PC | 34 | 2 | \$161,375 |
| Xerox Corporation | 75 | 1 | \$158,443 |
| Cintas | 693 | 31 | \$154,243 |
| American Gear & Engineering, Inc | 7 | 3 | \$153,180 |
| Professional Pump Inc | 12 | 3 | \$152,892 |
| Unifirst Corporation | 458 | 1 | \$146,365 |
| Merit Laboratories Inc | 308 | 16 | \$145,644 |
| David D. Taylor | 48 | 1 | \$144,620 |
| Circuit Breaker Sales Co., Inc. | 26 | 4 | \$143,125 |
| Allingham Corporation | 31 | 6 | \$142,830 |
| Laird Plastics | 24 | 6 | \$140,450 |
| Amazon Web Services Inc | 11 | 2 | \$135,965 |
| Fausone Bohn LLP | 22 | 2 | \$134,994 |
| Future Fence Company | 34 | 1 | \$134,058 |
| Robert Half Finance & Accounting | 41 | 5 | \$130,983 |
| Concentra Medical Centers | 54 | 2 | \$129,964 |
| Dunbar Mechanical, Inc. | 32 | 2 | \$128,533 |
| Rose Moving & Storage Co. Inc. | 6 | 2 | \$125,713 |
| Titus Welding Company Inc | 2 | 2 | \$125,100 |
| Recycle Waste Services Inc. | 26 | 3 | \$124,702 |
| Linko Technology Inc | 1 | 1 | \$122,831 |
| Hugh Connolly | 12 | 1 | \$121,323 |
| CEC Controls Company, Inc. | 5 | 2 | \$119,503 |
| WSP Michigan Inc. | 8 | 2 | \$117,968 |
| Birclar Electric & Electronics LLC | 11 | 2 | \$117,547 |
| Bonfire Interactive Ltd | 1 | 1 | \$117,000 |
| Galloup,Forberg Smith, Merlo Energy | 54 | 15 | \$115,890 |
| Eastern Oil Company | 28 | 6 | \$115,303 |
| SE Michigan Council of Governments | 3 | 2 | \$113,584 |
| Vieux & Associates Inc. | 24 | 2 | \$112,260 |
| Havener Tech | 5 | 5 | \$112,100 |
| Federal Pipe & Supply Co Inc | 124 | 46 | \$111,852 |
| Jett Pump & Valve LLC | 1 | 1 | \$107,999 |
| Carahsoft Technology Group | 3 | 2 | \$107,097 |
| Geotab USA, Inc. | 14 | 1 | \$106,782 |
| Zones Inc | 13 | 7 | \$106,570 |
| Outbound Technologies, Inc. | 21 | 1 | \$106,547 |
| MSC Industrial Supply Company | 278 | 111 | \$105,298 |
| i3-ImageSoft | 2 | 1 | \$105,178 |
| GHD Services Inc. | 24 | 2 | \$105,077 |
| Sigma Associates Inc | 44 | 3 | \$105,059 |
| Advance Instrumentation Systems | 8 | 3 | \$102,960 |
| Isle Inc. | 4 | 2 | \$102,500 |
| LaSalle Construction Services | 8 | 2 | \$100,601 |
| The Macomb Group Inc | 121 | 47 | \$100,166 |
| Inlay Casting & Repair | 2 | 2 | \$99,001 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|--|---------------|----------|-------------|
| OD Reimbursement- Wastewater Engineering | 59 | 1 | \$97,831 |
| Collins & Collins Law PC | 7 | 1 | \$97,280 |
| Truck & Trailer Specialties Inc. | 27 | 1 | \$94,840 |
| Tidal Basin Government Consulting | 10 | 2 | \$94,755 |
| Detroit Salt Company LLC | 13 | 3 | \$94,164 |
| Powell Fabrication & Manufacturing | 7 | 2 | \$94,155 |
| Ingersoll Rand Company | 10 | 5 | \$93,388 |
| CK Environmental, Inc. | 9 | 1 | \$93,368 |
| Herc Rentals Inc. | 83 | 7 | \$92,521 |
| DP Brown Of Detroit Inc | 41 | 13 | \$92,504 |
| Evoqua Water Technologies LLC | 33 | 7 | \$90,960 |
| FranklinCovey Client Sales Inc. | 1 | 1 | \$90,950 |
| Smartsheet Inc | 1 | 1 | \$90,000 |
| Communications Professionals Inc | 37 | 20 | \$86,572 |
| EJ USA Inc | 49 | 22 | \$85,543 |
| Lutz Roofing Company Inc. | 8 | 2 | \$83,514 |
| EMC Corporation | 3 | 3 | \$83,383 |
| Aerotek Inc. | 50 | 3 | \$81,295 |
| GEA Mechanical Equipment US Inc | 2 | 1 | \$80,768 |
| Thyssenkrupp Elevator Corp | 17 | 6 | \$80,544 |
| W C Ducomb Company | 42 | 20 | \$79,010 |
| United Rentals North America Inc | 82 | 6 | \$77,589 |
| Integrated Power Services LLC | 3 | 1 | \$77,291 |
| OSISOFT LLC | 2 | 2 | \$76,315 |
| RedVector.com LLC | 14 | 2 | \$74,440 |
| Macomb Mechanical Inc | 58 | 5 | \$73,223 |
| NEXGEN Asset Management | 1 | 1 | \$72,559 |
| Fort Gratiot Charter Township | 4 | 1 | \$68,770 |
| Park Rite Inc | 13 | 1 | \$68,400 |
| Corrosion Fluid Products | 13 | 7 | \$65,154 |
| OpTech | 8 | 2 | \$62,988 |
| Midwest Industrial Rubber Inc. | 11 | 3 | \$62,406 |
| Robert M Kowal | 13 | 1 | \$61,787 |
| TWN Consulting LLC | 12 | 1 | \$61,425 |
| Miss Dig System Inc. | 5 | 1 | \$61,265 |
| Lockton Companies LLC | 11 | 1 | \$61,141 |
| Consumers Energy | 96 | 1 | \$60,351 |
| Miller Canfield Paddock & Stone PLC | 11 | 1 | \$60,265 |
| Unemployment Insurance Agency | 4 | 1 | \$60,103 |
| Biotage LLC | 29 | 5 | \$59,636 |
| Yates Industries Inc | 19 | 7 | \$58,722 |
| EnviroCare International Inc. | 7 | 2 | \$58,106 |
| Innovyze Inc | 5 | 1 | \$56,915 |
| US Bank | 9 | 5 | \$56,000 |
| Allie Brothers Inc | 192 | 3 | \$54,984 |
| Sehi Computer Products Inc | 7 | 4 | \$54,585 |
| OHM Advisors | 9 | 2 | \$53,153 |
| USA Bluebook - Main | 24 | 8 | \$53,034 |
| Michigan.com | 3 | 2 | \$51,665 |
| Cornerstone onDemand Inc. | 1 | 1 | \$51,630 |
| Trimble Inc | 17 | 5 | \$51,177 |
| Info-Tech Research Group Inc | 3 | 1 | \$50,646 |
| Kerr, Russell and Weber, PLC | 9 | 1 | \$50,355 |
| iPROMOTEu.com Inc | 5 | 2 | \$50,300 |
| Red Gate Software | 3 | 1 | \$50,166 |
| Homrich | 10 | 2 | \$49,978 |
| Professional Service Industries Inc | 2 | 1 | \$49,755 |
| Attorney Eric V Smith PLC | 13 | 1 | \$49,515 |
| Sunbelt Rentals, Inc. | 27 | 2 | \$48,657 |
| FastSigns Detroit | 31 | 1 | \$48,100 |
| Atlantic Coast Polymers Inc | 1 | 1 | \$47,520 |
| West Coast Labour Systems Corp | 1 | 1 | \$46,234 |
| Linkedin Corporation | 3 | 2 | \$45,184 |
| Focus HOPE | 1 | 1 | \$45,000 |
| Marcolleen, LLC | 1 | 1 | \$45,000 |
| Nearmap US Inc. | 1 | 1 | \$45,000 |
| PeopleGro LLC | 3 | 1 | \$44,980 |
| Granicus LLC | 2 | 1 | \$43,890 |
| Intelligent Systems Group LLC | 2 | 1 | \$43,854 |
| Carlette Construction & Consulting | 2 | 1 | \$43,830 |
| Cyber Defense Technologies | 3 | 1 | \$43,193 |
| Modern Water Inc. | 19 | 4 | \$42,653 |
| SkyNorth Software | 9 | 2 | \$41,738 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|-------------------------------------|---------------|----------|-------------|
| W.S.I. Industrial Services, Inc. | 8 | 3 | \$41,520 |
| International Transmission Company | 1 | 1 | \$40,000 |
| Waterfront Petroleum Terminal Co. | 11 | 1 | \$39,533 |
| Cisco Systems Inc | 37 | 1 | \$39,390 |
| Moss Telecommunications Services | 2 | 1 | \$39,354 |
| Digital Science Group LLC | 11 | 3 | \$38,881 |
| Unconventional Services Inc | 11 | 3 | \$38,600 |
| City of Detroit | 13 | 1 | \$38,381 |
| Binkelman Corporation | 33 | 12 | \$37,802 |
| Detroit Stoker Company LLC | 7 | 2 | \$37,402 |
| Cornell Field Vibration Service Inc | 35 | 1 | \$36,610 |
| Wadsworth Solutions Northwest | 12 | 3 | \$35,532 |
| Re-Source Partners | 16 | 1 | \$35,460 |
| SPX Flow US LLC | 4 | 2 | \$35,344 |
| Santoro Incorporated | 3 | 2 | \$34,860 |
| Actuator Specialties | 5 | 4 | \$34,747 |
| Dun & Bradstreet Inc | 2 | 1 | \$34,398 |
| KamarOE | 99 | 29 | \$34,077 |
| DTE Energy - Primary | 1 | 1 | \$34,000 |
| Electrical Workers Insurance Fund | 53 | 1 | \$33,992 |
| American Falconry Services LLC | 2 | 1 | \$33,064 |
| Barta Sales LLC | 17 | 7 | \$32,936 |
| Michigan Mechanical Insulation | 3 | 1 | \$32,688 |
| Dubois-Cooper Associates Inc | 9 | 3 | \$32,283 |
| Polaris Sales Inc. | 31 | 2 | \$31,350 |
| Best Aire Compressors Services Inc | 60 | 10 | \$31,030 |
| Core Electric Company Inc | 15 | 9 | \$30,319 |
| Alexander Chemical Corporation | 4 | 2 | \$30,100 |
| E2intel | 8 | 4 | \$30,000 |
| BS&A Software | 2 | 1 | \$29,457 |
| Wayne Health | 2 | 1 | \$29,250 |
| SDSpro LLC | 3 | 1 | \$29,021 |
| The Predictive Index LLC | 1 | 1 | \$29,000 |
| Lerch Bates, Inc. | 5 | 1 | \$28,947 |
| Park Place Technologies LLC | 15 | 2 | \$28,730 |
| Tru Steel Metals LLC | 2 | 1 | \$28,428 |
| Michael K. Stenstrom, Ph.D., P.E. | 2 | 1 | \$27,800 |
| CI Technologies, Inc. | 6 | 1 | \$27,800 |
| Allen Brothers, PLLC | 11 | 1 | \$27,758 |
| Bluewater Technologies Group Inc | 1 | 1 | \$27,736 |
| Alfa Laval Inc | 5 | 2 | \$27,711 |
| Project Innovations Inc | 27 | 2 | \$27,600 |
| Apex Controls | 4 | 2 | \$26,927 |
| Butzel Long PC | 12 | 1 | \$26,882 |
| West Shore Fire | 8 | 1 | \$26,810 |
| Uline, Inc. | 68 | 20 | \$26,713 |
| Thermo Electron North America LLC | 11 | 2 | \$26,438 |
| Central Poly-Bag Corp | 10 | 10 | \$26,346 |
| Carmeuse Lime & Stone | 7 | 1 | \$25,921 |
| Framer Consulting Services LLC | 5 | 1 | \$25,250 |
| Sustema Inc. | 26 | 2 | \$25,170 |
| Association of Metropolitan Water | 1 | 1 | \$25,147 |
| Midwest Municipal Instrumentation | 9 | 4 | \$25,126 |
| ZOHO Corporation #4926 | 8 | 1 | \$24,970 |
| Cincinnati Babbitt Inc | 5 | 2 | \$24,826 |
| Cryogenic Pipe Freezing Solutions | 4 | 2 | \$24,335 |
| Cosa Xentaur Corporation | 6 | 1 | \$24,302 |
| Rosemount Analytical Inc | 5 | 1 | \$24,285 |
| Black Anvil Construction Supplies | 157 | 15 | \$23,720 |
| LabStrong Corporation | 23 | 6 | \$23,700 |
| Incinerator Rx Corporation | 2 | 1 | \$23,627 |
| Robin Cash Ph.D., LLC | 17 | 1 | \$23,160 |
| Catch Transport, LLC | 2 | 1 | \$23,040 |
| BigTime Software Inc. | 2 | 1 | \$23,040 |
| Albert Kahn Associates Inc. | 3 | 1 | \$22,850 |
| FMLASource Incorporated | 4 | 1 | \$22,828 |
| Kopka Pinkus & Dolin PC | 8 | 1 | \$22,750 |
| SDG Associates, LLC | 4 | 1 | \$21,694 |
| Lewis & Munday P C | 18 | 1 | \$21,638 |
| Tracker | 16 | 1 | \$21,630 |
| KSB Dubric Inc | 6 | 2 | \$21,283 |
| OD Reimbursement- Water Engineering | 54 | 1 | \$21,166 |
| Major Brand Oil Company Inc | 4 | 1 | \$21,163 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|-------------------------------------|---------------|----------|-------------|
| Clark Hill | 10 | 1 | \$21,120 |
| Frontier Communications | 116 | 1 | \$21,083 |
| Capturis | 19 | 1 | \$20,920 |
| America's Green Line | 2 | 2 | \$20,880 |
| Calls Plus | 1 | 1 | \$20,775 |
| Safety Services Inc | 57 | 37 | \$20,479 |
| Marshall E. Campbell Company | 74 | 23 | \$20,258 |
| Tarrant Regional Water District | 1 | 1 | \$20,000 |
| Water Environment Federation | 1 | 1 | \$20,000 |
| Fitch Ratings Inc | 1 | 1 | \$20,000 |
| Great Lakes Pump & Supply Co | 2 | 1 | \$19,972 |
| Emphasys Software | 3 | 1 | \$19,570 |
| Zachary Sharp | 2 | 1 | \$19,450 |
| Metro Detroit EITC | 12 | 1 | \$19,200 |
| Nuair Fluid Power Inc | 14 | 5 | \$19,162 |
| Communication Supply Co. | 10 | 1 | \$19,093 |
| American Tower Management LLC | 12 | 1 | \$19,036 |
| Global Green Service Group | 3 | 1 | \$19,000 |
| Choctaw-Kaul Distribution Company | 22 | 15 | \$18,637 |
| Space Camp LLC | 1 | 1 | \$18,200 |
| Waterworks Systems & Equipment Inc | 8 | 4 | \$18,189 |
| Michigan Chronicle Publishing Co | 4 | 2 | \$17,745 |
| Henry Ford Health System | 4 | 1 | \$17,730 |
| RJ Stacey LTD | 5 | 3 | \$17,365 |
| Caniff Electric Supply Co., Inc. | 40 | 4 | \$17,314 |
| CCH Tagetik | 17 | 1 | \$17,160 |
| Nidaz LLC | 1 | 1 | \$17,085 |
| Graybar Electric Company | 46 | 4 | \$16,956 |
| Global Knowledge Training | 11 | 1 | \$16,859 |
| EH Wachs | 9 | 3 | \$16,735 |
| Midwest Air Filter Inc | 32 | 18 | \$16,371 |
| Bearcom | 6 | 2 | \$16,332 |
| SCI Floor Covering Inc. | 2 | 1 | \$16,136 |
| OD Reimbursement- Water Director | 61 | 1 | \$16,071 |
| SW Controls Inc | 8 | 4 | \$16,060 |
| City of Dearborn | 36 | 1 | \$15,836 |
| I & C Sales North Inc | 7 | 1 | \$15,814 |
| The Transmitter Shop | 3 | 1 | \$15,675 |
| Fred's Key Shop | 5 | 1 | \$15,648 |
| Ferguson Waterworks | 1 | 1 | \$15,540 |
| Paragon Laboratories Inc | 53 | 4 | \$15,528 |
| LaserCom, LLC | 3 | 1 | \$15,491 |
| Alfonsi Railroad Construction Co | 22 | 1 | \$15,444 |
| Shimadzu Scientific Instruments Inc | 6 | 2 | \$15,350 |
| Matterport, Inc. | 2 | 2 | \$15,063 |
| AMPS Incorporated | 3 | 1 | \$15,052 |
| Wex Bank | 11 | 1 | \$15,025 |
| Alro Steel Corporation | 2 | 2 | \$14,990 |
| Rosemount Inc | 7 | 3 | \$14,977 |
| Qmarkets USA Inc. | 1 | 1 | \$14,900 |
| Environmental Resource Associates | 155 | 22 | \$14,824 |
| L&W Supply | 17 | 2 | \$14,758 |
| Alpha Psychological Services PC | 23 | 1 | \$14,725 |
| Trace Analytical Laboratories Inc | 71 | 4 | \$14,531 |
| SafetySkills, LLC | 2 | 1 | \$14,400 |
| Bell Equipment Company | 4 | 2 | \$14,400 |
| St Clair County Treasurer | 2 | 1 | \$14,397 |
| Teledyne Leeman Labs | 2 | 1 | \$14,274 |
| Process Improvement Institute Inc. | 2 | 1 | \$14,122 |
| Agilent Technologies Inc | 12 | 3 | \$14,089 |
| Alliance of Rouge Communities | 3 | 1 | \$14,008 |
| AAA Wire Rope & Splicing Inc | 7 | 2 | \$13,927 |
| Cartridge Savers Inc | 15 | 1 | \$13,645 |
| Team Industrial Services Inc | 4 | 3 | \$13,608 |
| Aero Filter Inc | 23 | 12 | \$13,534 |
| Pete's Coin Laundry | 12 | 1 | \$13,400 |
| REACH Media Network | 15 | 1 | \$13,330 |
| Radwell International Inc. | 16 | 5 | \$13,004 |
| LPA Software Solutions, LLC | 3 | 2 | \$12,983 |
| Carrier Corporation | 3 | 1 | \$12,700 |
| Deep Trekker | 4 | 1 | \$12,590 |
| American Red Cross | 28 | 1 | \$12,545 |
| William R. Thompson | 1 | 1 | \$12,500 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|--|---------------|----------|-------------|
| Alfa Medical Equipment Specialists | 2 | 1 | \$12,333 |
| Public Rubber & Supply Co Inc | 30 | 15 | \$12,305 |
| RMF Nooter Inc | 1 | 1 | \$11,800 |
| Scientific Methods Inc | 10 | 2 | \$11,760 |
| Enerco Corporation | 7 | 1 | \$11,700 |
| Farnell Equipment Company | 1 | 1 | \$11,668 |
| Service Electric Supply Inc | 30 | 24 | \$11,639 |
| Sentinel Self Defense / Federal Gun | 2 | 1 | \$11,639 |
| Fluid Process Equipment | 6 | 3 | \$11,613 |
| Jack Doheny Companies Inc | 26 | 7 | \$11,595 |
| Cut-Rate Batteries LLC | 1 | 1 | \$11,560 |
| TBJ A2, LLC | 1 | 1 | \$11,500 |
| Boomer Construction Materials | 54 | 2 | \$11,292 |
| ANSYS, Inc. | 1 | 1 | \$11,290 |
| Fisher Scientific Company LLC | 6 | 3 | \$11,079 |
| Schuster Law PLC | 8 | 1 | \$11,051 |
| Enterprise Holding Inc. | 5 | 2 | \$11,003 |
| Blue Water Air Compressor | 15 | 2 | \$10,951 |
| Mazzella Lifting Technologies Inc | 37 | 3 | \$10,936 |
| HireRight, LLC | 10 | 1 | \$10,879 |
| Electro-Matic Products Inc | 3 | 1 | \$10,659 |
| Ino-Tek Inc | 2 | 2 | \$10,533 |
| Hamlett Environmental Technologies | 25 | 4 | \$10,398 |
| Exotic Automation & Supply | 18 | 9 | \$10,170 |
| ZLED Lighting | 7 | 4 | \$10,096 |
| Integra Chemical Company | 8 | 4 | \$10,075 |
| Moody's Investors Service Inc | 1 | 1 | \$10,000 |
| Jackson Lewis P.C. | 10 | 1 | \$9,912 |
| Progressive Plumbing Supply Co Inc | 142 | 24 | \$9,897 |
| Marsh Power Tools, Inc | 43 | 1 | \$9,892 |
| HI Controls LLC | 4 | 2 | \$9,871 |
| Ancona Controls Inc. | 9 | 1 | \$9,708 |
| ONYX Engineering Ltd. | 1 | 1 | \$9,600 |
| Tenerty Properties, L.C. | 1 | 1 | \$9,246 |
| Cech Corporation | 4 | 2 | \$9,210 |
| Cornerstone Controls Inc | 8 | 2 | \$9,184 |
| Dice Career Solution | 1 | 1 | \$9,115 |
| McLaren Port Huron Industrial | 8 | 1 | \$9,070 |
| The Sheer Shop Inc. | 1 | 1 | \$8,985 |
| Karen Ann Muglia | 1 | 1 | \$8,880 |
| Weingartz Supply Co., Inc. | 4 | 1 | \$8,699 |
| Applied Power and Controls Inc. | 1 | 1 | \$8,400 |
| Sherwin Williams Company | 30 | 9 | \$8,377 |
| WPEngine Inc. | 1 | 1 | \$8,280 |
| OD Reimbursement- Chief Operating Officer Wastewater | 28 | 1 | \$8,174 |
| Nu-Star Inc. | 4 | 1 | \$8,118 |
| O I Analytical | 1 | 1 | \$8,041 |
| ReadyOP Communications Inc. | 1 | 1 | \$8,000 |
| AOSH Services LLC | 2 | 1 | \$8,000 |
| CLE Strategic Solutions LLC | 4 | 4 | \$8,000 |
| Environmental Consulting | 8 | 1 | \$8,000 |
| Butcher & Butcher Construction Co. | 1 | 1 | \$7,995 |
| RubberForm Recycled Products, LLC | 2 | 1 | \$7,942 |
| Tredroc Tire Services, LLC | 12 | 1 | \$7,897 |
| Medler Electric Company | 19 | 5 | \$7,880 |
| Ayyeka Inc. | 5 | 1 | \$7,875 |
| Howard Commercial Door | 1 | 1 | \$7,860 |
| Bert's Testing & Training Services | 10 | 1 | \$7,745 |
| Teledyne CETAC Technologies Inc | 3 | 2 | \$7,588 |
| Action Mat & Towel Rental | 28 | 2 | \$7,562 |
| Motion Industries Inc | 10 | 6 | \$7,473 |
| Sabiston Building Supply | 37 | 1 | \$7,456 |
| TargetSolutions Learning, LLC | 3 | 1 | \$7,415 |
| J.J. Supply Company Inc. | 11 | 4 | \$7,287 |
| MSA Safety Sales LLC | 8 | 2 | \$7,081 |
| Ovivo USA, LLC | 7 | 2 | \$7,003 |
| Indian Springs Mfg. Co Inc | 13 | 4 | \$6,637 |
| Michigan CAT | 24 | 4 | \$6,636 |
| Henry Ford College | 8 | 3 | \$6,455 |
| Allied-Eagle Supply Company LLC | 5 | 5 | \$6,416 |
| Wolverine Power Systems | 5 | 1 | \$6,335 |
| Hantz Farms LLC | 10 | 1 | \$6,300 |
| PTS Professional Technical Service | 3 | 1 | \$6,275 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|---|---------------|----------|-------------|
| Klein Inc. | 5 | 4 | \$6,158 |
| Downriver Refrigeration Supply Co | 9 | 4 | \$6,056 |
| HORIZON Lab Systems | 2 | 1 | \$5,964 |
| Kerr Pump and Supply, Inc. | 5 | 2 | \$5,891 |
| Kiesler Police Supply Inc | 13 | 3 | \$5,885 |
| Lyon LLC | 4 | 1 | \$5,828 |
| Motor City Door Company, Inc. | 2 | 2 | \$5,816 |
| Detroit Legal News | 11 | 3 | \$5,810 |
| Hope Industrial Systems Inc | 4 | 1 | \$5,793 |
| SEEL, LLC | 2 | 1 | \$5,789 |
| Fibre Industries | 14 | 7 | \$5,789 |
| Walz & Krenzer Inc. | 4 | 1 | \$5,733 |
| FTP Today Inc. | 1 | 1 | \$5,700 |
| Sellinger Associates Inc | 1 | 1 | \$5,625 |
| Pumps & Systems Inc | 1 | 1 | \$5,538 |
| C P E Filters Inc | 6 | 3 | \$5,492 |
| Aircentric Corporation | 6 | 1 | \$5,420 |
| F B Wright Company | 10 | 7 | \$5,393 |
| Powder Bulk Products Inc | 2 | 1 | \$5,339 |
| OD Reimbursement- Wastewater Operations | 55 | 1 | \$5,318 |
| Canfield Equipment Service Inc | 3 | 2 | \$5,256 |
| Jade Scientific Inc | 6 | 2 | \$5,231 |
| Complete Battery Source | 5 | 3 | \$5,170 |
| Technical Hot & Cold | 1 | 1 | \$5,148 |
| Staples | 15 | 1 | \$5,146 |
| DTN LLC | 16 | 2 | \$5,123 |
| HD Edwards & Company | 19 | 9 | \$5,101 |
| Fibergrate Composite Structures | 2 | 1 | \$5,083 |
| JL Geisler Sign Company | 4 | 1 | \$5,080 |
| Digital Assurance Certification LLC | 2 | 2 | \$5,000 |
| VESCO Oil Corporation | 20 | 3 | \$4,998 |
| Kirk's Automotive Inc | 29 | 22 | \$4,982 |
| Teknicolors Paints Inc | 23 | 1 | \$4,950 |
| Heritage Vision Plans | 13 | 1 | \$4,937 |
| Bearing Service Inc | 9 | 4 | \$4,873 |
| Greenia's Outdoor Power | 6 | 1 | \$4,720 |
| Durawear Glove & Safety Co. Inc. | 6 | 5 | \$4,667 |
| AVE Office Supplies | 20 | 6 | \$4,666 |
| Motorola Solutions Inc. | 1 | 1 | \$4,648 |
| Spina Electric Company | 2 | 1 | \$4,638 |
| Carlson-Diamond & Wright Inc | 2 | 1 | \$4,544 |
| Howrani Studios | 2 | 1 | \$4,540 |
| De Nora Water Technologies, LLC | 1 | 1 | \$4,476 |
| Helwig Carbon Products Inc | 9 | 4 | \$4,409 |
| TestAmerica Laboratories Inc | 25 | 2 | \$4,405 |
| Quality Air Service Inc. | 1 | 1 | \$4,380 |
| The Creative Group | 2 | 1 | \$4,363 |
| Harrington Industrial Plastics LLC | 37 | 10 | \$4,344 |
| Giffels Webster | 1 | 1 | \$4,320 |
| Chemtrac Inc | 6 | 2 | \$4,285 |
| SCP Science | 3 | 1 | \$4,278 |
| WWTSLLC, Inc. | 3 | 1 | \$4,255 |
| Signature Contracting Group, LLC | 1 | 1 | \$4,200 |
| Torch Associates LLC | 5 | 3 | \$4,166 |
| American Water College | 1 | 1 | \$4,150 |
| Met One Instruments Inc | 2 | 1 | \$4,136 |
| ASTI Environmental | 1 | 1 | \$4,100 |
| Tobys Instrument Shop Inc | 23 | 6 | \$4,052 |
| R.S. Means Company LLC | 1 | 1 | \$4,006 |
| Collins Einhorn Farrell PC | 2 | 1 | \$3,943 |
| Identification Lamination Products | 9 | 3 | \$3,875 |
| Cylinder Recyclers LLC | 1 | 1 | \$3,867 |
| Air Design Incorporated | 2 | 1 | \$3,800 |
| Zausmer August & Caldwell PC | 3 | 1 | \$3,795 |
| Canon Solutions America Inc | 11 | 2 | \$3,764 |
| Able Label | 7 | 2 | \$3,732 |
| Continental Carbon Group Inc | 6 | 1 | \$3,720 |
| Turbonomic Inc | 2 | 1 | \$3,708 |
| Nelson Liquid Drive LLC | 1 | 1 | \$3,642 |
| Kinetics Industries, Inc. | 4 | 1 | \$3,611 |
| YSI Incorporated | 12 | 2 | \$3,608 |
| T & N Services Inc | 4 | 3 | \$3,605 |
| Hupp Consulting LLC | 5 | 1 | \$3,578 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|--|---------------|----------|-------------|
| Spalding DeDecker | 1 | 1 | \$3,525 |
| Lightstoreusa, Inc. | 2 | 1 | \$3,513 |
| Jones Lang LaSalle | 1 | 1 | \$3,500 |
| NSI Lab Solutions Inc | 22 | 4 | \$3,492 |
| Vitalsmarts LC | 2 | 1 | \$3,490 |
| Benlee | 1 | 1 | \$3,476 |
| Rosati, Schultz, Joppich & | 3 | 1 | \$3,450 |
| Kaleidico LLC | 1 | 1 | \$3,450 |
| G.E. Distribution Service/ipromoteu | 2 | 1 | \$3,434 |
| SGN Mobile Electronics | 9 | 1 | \$3,425 |
| Cloverdale Equipment Co | 1 | 1 | \$3,407 |
| OD Reimbursement- Procurement Director | 11 | 1 | \$3,357 |
| State of Michigan - MIOSHA | 2 | 1 | \$3,200 |
| Hanna Instruments USA | 3 | 1 | \$3,158 |
| McMaster-Carr Industrial Supply Co | 24 | 9 | \$3,155 |
| BAVCO | 9 | 4 | \$3,129 |
| OD Reimbursement- Systems Operations Control | 7 | 1 | \$3,118 |
| BCC Distributon | 5 | 1 | \$3,098 |
| Quadient Inc. | 21 | 3 | \$3,098 |
| Chemical Systems Inc | 2 | 2 | \$3,066 |
| OD Reimbursement- Energy, Research & Innovation | 12 | 1 | \$3,049 |
| OD Reimbursement-N/A | 1 | 1 | \$3,031 |
| Christy Glass Company, Inc. | 3 | 3 | \$3,018 |
| Swanky Restroom Trailers | 1 | 1 | \$3,000 |
| Detroit-Wayne Joint Building Auth | 1 | 1 | \$3,000 |
| OD Reimbursement- COO - Water Operations & Field Ser | 5 | 1 | \$2,982 |
| LexisNexis | 11 | 1 | \$2,952 |
| Commerical Group Lifting Products | 4 | 2 | \$2,910 |
| Alfred Benesch & Associates | 2 | 1 | \$2,855 |
| B & H Machine Sales, Inc | 3 | 1 | \$2,819 |
| Raven Environmental Products Inc | 4 | 2 | \$2,736 |
| Action Impact - Eastpointe | 16 | 1 | \$2,712 |
| City of Melvindale | 55 | 1 | \$2,710 |
| Tri Star Steel Corporation | 1 | 1 | \$2,660 |
| OD Reimbursement- Springwells Water Plant | 4 | 1 | \$2,654 |
| L.I.J.B.S. Enterprises, LLC | 2 | 1 | \$2,650 |
| Bearings and Industrial Supply Co | 9 | 5 | \$2,632 |
| Discovery Solutions Inc | 23 | 2 | \$2,593 |
| Power Plus Engineering Inc | 3 | 2 | \$2,580 |
| Michigan Air Product | 2 | 1 | \$2,575 |
| Pure Data Services, LLC | 63 | 3 | \$2,532 |
| Towlift Inc | 2 | 2 | \$2,500 |
| Apprenti | 1 | 1 | \$2,500 |
| York Repair Inc | 3 | 2 | \$2,474 |
| Transcat Inc | 3 | 3 | \$2,432 |
| BondLink | 2 | 2 | \$2,400 |
| S P Kinney Engineers Inc | 6 | 3 | \$2,391 |
| M C Gutherie Lumber Company | 8 | 5 | \$2,330 |
| Thermo Fisher Scientific Asheville | 5 | 2 | \$2,309 |
| The Crowley Company | 2 | 1 | \$2,300 |
| Iron Mountain | 30 | 1 | \$2,292 |
| Bentley Systems Incorporated | 2 | 1 | \$2,268 |
| Atlas Bleachers | 1 | 1 | \$2,250 |
| OD Reimbursement- Systems Analytics | 17 | 1 | \$2,205 |
| United Parcel Service | 104 | 1 | \$2,174 |
| Bearing Headquarters Co | 9 | 5 | \$2,161 |
| ERDCO Engineering Corporation | 4 | 2 | \$2,157 |
| J. Dedoes Enterprises Inc. | 6 | 1 | \$2,151 |
| Pollardwater | 7 | 3 | \$2,136 |
| OD Reimbursement- Treasury | 10 | 1 | \$2,120 |
| Brooks Lumber Company | 10 | 5 | \$2,109 |
| Association for Talent Development | 1 | 1 | \$2,042 |
| Norkan Inc | 3 | 1 | \$2,011 |
| Global Environmental Consulting LLC | 6 | 3 | \$2,000 |
| VEGA Americas Inc. | 3 | 1 | \$1,976 |
| Treadwell & Associates Inc | 1 | 1 | \$1,950 |
| OD Reimbursement- Field Service Operations | 6 | 1 | \$1,950 |
| Gravotech, Inc. | 3 | 2 | \$1,924 |
| Trescal | 1 | 1 | \$1,890 |
| Johnson Plastics Plus | 2 | 1 | \$1,884 |
| Consolidated Rail Corporation | 6 | 1 | \$1,810 |
| City of Highland Park | 1 | 1 | \$1,800 |
| EKUIPTECH, LLC | 3 | 1 | \$1,785 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|--|---------------|----------|-------------|
| OD Reimbursement- Financial Reporting & Accounting | 8 | 1 | \$1,722 |
| Wurth Baer Supply | 6 | 1 | \$1,719 |
| City of Troy | 2 | 1 | \$1,711 |
| National Ladder & Scaffold Company | 14 | 2 | \$1,711 |
| Contractors Connection Inc | 3 | 3 | \$1,699 |
| TForce Freight | 7 | 1 | \$1,655 |
| Advanced Calibration Designs | 3 | 1 | \$1,504 |
| Gilson Company | 6 | 1 | \$1,489 |
| The Lab Depot Inc | 4 | 2 | \$1,427 |
| Medcor Inc | 8 | 1 | \$1,423 |
| Starr Butler, PLLC | 5 | 2 | \$1,416 |
| Flor Dri Supply Company Inc | 2 | 2 | \$1,343 |
| Marine Pollution Control Corp | 1 | 1 | \$1,314 |
| TK Elevator Corporation | 2 | 1 | \$1,302 |
| K & K Maintenance Supply Inc | 1 | 1 | \$1,279 |
| B&H Photo-Video | 2 | 2 | \$1,247 |
| RedGuard Fire & Security, Inc. | 4 | 1 | \$1,236 |
| Texas Refinery Corporation | 1 | 1 | \$1,232 |
| AHB Tooling & Machinery LLC | 5 | 2 | \$1,202 |
| OD Reimbursement- Financial Planning & Analysis | 1 | 1 | \$1,185 |
| OD Reimbursement- Water Works Park | 9 | 1 | \$1,037 |
| Dani's Transport | 2 | 1 | \$1,034 |
| Jim Myers & Sons, Inc. | 2 | 1 | \$1,029 |
| Barris Sott Denn & Driker | 1 | 1 | \$1,025 |
| Cincinnati Time Systems | 2 | 1 | \$1,010 |
| Southeast MI Community Alliance | 1 | 1 | \$1,000 |
| J. D. Gould Company Inc. | 2 | 1 | \$1,000 |
| Teledyne Monitor Labs | 1 | 1 | \$998 |
| NOAR Technologies | 1 | 1 | \$995 |
| OD Reimbursement- Systems Planning | 1 | 1 | \$981 |
| Adica Fleet Services, LLC | 2 | 1 | \$975 |
| Tooling University LLC | 1 | 1 | \$950 |
| Village of Beverly Hills | 1 | 1 | \$950 |
| Andax Industries LLC | 2 | 2 | \$935 |
| OD Reimbursement- Security and Integrity | 2 | 1 | \$924 |
| International Controls & Equipment | 5 | 2 | \$897 |
| Apollo Fire Apparatus Repair Inc. | 4 | 1 | \$879 |
| OD Reimbursement- Board of Directors | 7 | 1 | \$842 |
| OD Reimbursement- Reporting and Compliance | 3 | 1 | \$819 |
| OD Reimbursement- Fleet Operations | 8 | 1 | \$804 |
| Dal-Tile Distribution | 7 | 2 | \$751 |
| ZVerse Inc. | 2 | 1 | \$724 |
| OD Reimbursement- Public Affairs | 3 | 1 | \$716 |
| MRO Electric and Supply | 1 | 1 | \$695 |
| Empire Equipment & Supply Inc. | 2 | 2 | \$674 |
| OD Reimbursement- OD Talent Management | 7 | 1 | \$674 |
| City of Novi | 4 | 1 | \$669 |
| Bell Fork Lift Inc | 1 | 1 | \$653 |
| OD Reimbursement- Chief Financial Officer | 5 | 1 | \$626 |
| Ti Training LE, LLC | 4 | 2 | \$600 |
| Downriver Utility Wastewater Auth. | 2 | 2 | \$588 |
| Airtech Controls Co | 2 | 1 | \$576 |
| Drinkpod LLC | 3 | 2 | \$550 |
| YourMembership.com, Inc. | 2 | 2 | \$549 |
| Crown Lift Trucks | 4 | 3 | \$545 |
| OD Reimbursement- Northeast Water Plant | 5 | 1 | \$519 |
| FedEx Freight Inc | 1 | 1 | \$511 |
| GEO Jobe GIS Consulting | 1 | 1 | \$500 |
| Global Equipment Company Inc. | 3 | 2 | \$493 |
| State of Michigan - LARA | 3 | 1 | \$490 |
| BulbCycle, Inc. | 4 | 2 | \$484 |
| Xylem Dewatering Solutions Inc | 3 | 1 | \$477 |
| OD Reimbursement- Asset Management | 1 | 1 | \$464 |
| Macomb County Department of Roads | 1 | 1 | \$450 |
| Charter Township of Plymouth | 13 | 1 | \$442 |
| IDN Hardware Sales, Inc. | 2 | 1 | \$426 |
| Troy's Towing Inc. | 3 | 1 | \$425 |
| UniMeasure Inc. | 4 | 1 | \$417 |
| OD Reimbursement- Public Finance | 3 | 1 | \$417 |
| Empire Wire & Supply LLC | 2 | 1 | \$404 |
| Shelby Township DPW | 4 | 1 | \$394 |
| AutomationDirect.com Inc. | 17 | 2 | \$392 |
| Omega Engineering Inc | 2 | 1 | \$370 |

Appendix D – FY 2022 Combined Vendors paid by Invoice.

| Vendor | Invoice Count | PO Count | Amount Paid |
|--|---------------|-------------|----------------------|
| Bulldog Records Management Inc | 7 | 1 | \$369 |
| Cole-Parmer Instrument Company LLC | 2 | 1 | \$363 |
| City of Romulus | 7 | 1 | \$362 |
| Advance Plumbing & Heating Supply | 8 | 2 | \$353 |
| Michigan Valve & Fitting Inc | 8 | 3 | \$344 |
| City of Wayne - Water Department | 12 | 1 | \$326 |
| Ozone Water Systems, Inc | 2 | 1 | \$318 |
| Eurofins Eaton Analytical Inc | 3 | 1 | \$315 |
| McGard LLC | 2 | 1 | \$312 |
| OD Reimbursement- Office of the CIO | 1 | 1 | \$311 |
| OD Reimbursement- Info Tech Enterprise Asset Mgmt Sy | 1 | 1 | \$309 |
| Acme Bolt & Nut Co Inc | 4 | 2 | \$298 |
| OD Reimbursement- Wastewater Laboratories | 3 | 1 | \$285 |
| Fluke Electronics Corporation | 2 | 1 | \$282 |
| Seton | 2 | 1 | \$270 |
| Thomas Scientific Inc | 1 | 1 | \$236 |
| OD Reimbursement- Southwest Water Plant | 3 | 1 | \$225 |
| Comcast Business Communication, LLC | 1 | 1 | \$221 |
| OD Reimbursement- OD Organizational Wellness | 2 | 1 | \$190 |
| Segal Consulting | 1 | 1 | \$180 |
| ShredCorp. | 1 | 1 | \$180 |
| Washtenaw County Road Commission | 1 | 1 | \$177 |
| HBARSCI, LLC | 1 | 1 | \$172 |
| Baileigh Industrial | 4 | 1 | \$167 |
| OD Reimbursement- Water Quality | 2 | 1 | \$165 |
| Wolverine Rental & Supply Inc | 1 | 1 | \$162 |
| OD Reimbursement- Industrial Waste Control | 1 | 1 | \$160 |
| Steven H Schwartz & Associates PLC | 2 | 1 | \$158 |
| OD Reimbursement- Combined Sewer Overflow | 6 | 1 | \$155 |
| DACA | 2 | 1 | \$150 |
| OD Reimbursement- Wastewater Director | 2 | 1 | \$130 |
| Public Lumber Company | 2 | 1 | \$125 |
| Wayne County Treasurer | 1 | 1 | \$122 |
| OD Reimbursement- Wastewater Secondary Process | 1 | 1 | \$119 |
| United States Plastic | 2 | 1 | \$101 |
| City of Roseville Water Department | 3 | 1 | \$91 |
| FedEx | 1 | 1 | \$86 |
| Schwing Bioset Inc | 2 | 1 | \$58 |
| OD Reimbursement- Facility Operations | 1 | 1 | \$55 |
| Chart Pool USA Inc | 1 | 1 | \$51 |
| Xavier Fonoll Almansa | 1 | 1 | \$35 |
| City of Southfield | 13 | 1 | \$34 |
| City of Rochester Hills | 6 | 1 | \$17 |
| Tetra Tech of Michigan PC | 4 | 1 | \$0 |
| Media Sonar Technologies Inc | 2 | 2 | \$0 |
| ImageSoft Inc | 2 | 1 | \$0 |
| OD Reimbursement- Info Technology Infrastructure | 2 | 1 | \$0 |
| OD Reimbursement- Lake Huron Water Plant | 9 | 1 | -\$352 |
| Solomon Diving Inc. | 3 | 1 | -\$1,330 |
| Pruftechnik Inc | 1 | 1 | -\$4,231 |
| Waterfall Security Solutions Ltd | 1 | 1 | -\$32,895 |
| Proteus Instruments | 6 | 2 | -\$77,890 |
| Mokveld Valves BV | 1 | 1 | -\$483,400 |
| Grand Total | 31121 | 3696 | \$455,093,199 |