

## HOSPITAL Report on Procurement

Name of Hospital: Humber River Hospital  
 Ontario Health: OH Toronto  
 Reporting Period: April 1, 2022 to March 31, 2023

No	Vendor Name(s)	Name and Title Of Contract	Contract Term If the contract term has been extended please include the original contract term and the amended contract term.	Procurement Value	Selection Process (Open Competitive, Invitational Competitive, Non-Competitive)	Explanation
				(A) Original value plus (B) Value of amendments and (C) Total procurement value (\$)/Total Paid	If non-competitive, please provide an explanation.	
1	SE Health	Heart @ Home	APRIL 1, 2022 - MARCH 31, 2023	A) \$1,118,670.00 B) 0 C) Total Procurement Value: \$1,118,670.00 Total paid for reporting period: \$1,118,670.00 plus HST	Non-Competitive Single Source	The HEART@home program is a high intensity at home program, leveraging a bundled model of care approach for home care services, to transition patients to the community in a timely manner. This is a renewal of an existing single source for Saint Elizabeth Health Care services for HEART@home requested until March 31, 2022. This program was funded through one-time funding from April 2021 to Mar 2022. This program is continuing and patients are being transitioned into community and receive care.
2	Datacom	Printing Services	MAY 1, 2022 - APRIL 30, 2023	A) \$445,000.00 B) 0 C) Total Procurement Value: \$334,712.08 Total paid for reporting period: \$334,712.08 plus HST	Non-Competitive Single Source	DATAACOM is the printing vendor HRH has used since the move to Wilson to create our clinical forms, educational material, labels, letterhead and envelopes. They have created all on-line forms. Proposal of a one year contract + 1 year extension to be signed starting May 2022 - May 2023. Check GPO for long term contract.
3	Isologic	Radiopharmaceuticals	APRIL 1, 2022 - MARCH 31, 2023	A) \$480,000.00 B) 0 C) Total Procurement Value: \$480,000 Total paid for reporting period: \$519,378.92	Non-Competitive Single Source	Isologic current vendor supplying radioactive isotopes for Nuclear Medicine program. These products are used for clinical patient care Medical Imaging exams for diagnostic. Single sourcing required to extend current agreement allowing patient care to continue uninterrupted. This is necessary to allow the hospital to prepare for the already initiated competitive procurement process acknowledgement.
4	Bridgehead	Zerto Replica License - Capital and SLA (not started)	ONE TIME PURCHASE + MAINTENANCE + SLA - 5 YEARS	A) \$120,519.54 B) 0 C) Total Procurement Value: \$120,519.54 Total paid for reporting period: \$66,807.81	Non-Competitive Single Source	The data backup vendor for Meditech is Bridgehead. HRH has a direct relationship with the manufacturer of the product. HRH is not using a reseller and is saving any markup costs. Bridgehead is the current backup solution vendor for the past 15 years. Bridgehead is the Meditech certified vendor for all EMR backups. Bridgehead professional services is contracted to oversee all EMR and corporate backups on a daily basis.
5	First Databank Inc.	License for Drug Formulary -Pharmacy and IT	AUGUST 1, 2022 - JULY 31, 2025	A) \$244,638.00 B) 0 C) Total Procurement Value: \$244,638 Total paid for reporting period: \$78,368	Non-Competitive Single Source	HRH has a current license with First Data Bank that will expire July 31, 2022. The Hospital has reviewed the services provided and decided to renew the license for a period of 3 years. First Databank (FDB) database is uploaded to Meditech. This software license has been used since 2011 - as First Data Bank (FDB) is a formulary product used to build drug dictionaries in Meditech and provides drug interaction information at the point of care. FDB supports patient safety during medication administration.
6	IMO	Software - Facilitate Implementation of Problem List	JULY 31, 2022 - JULY 30, 2023	A) \$92,943.27 B) 0 C) Total Procurement Value: \$92,943.27 Total paid for reporting period: \$92,943.27	Non-Competitive Single Source	Meditech dictionaries are often difficult to navigate from a user perspective. IMO provides clinicians a way to enter a diagnosis for a patient's problem list without altering the language they would normally use for that diagnosis. It solves the problem of forcing clinicians to remember and use the often awkward and cumbersome ICD-10-CA coding language when documenting in the HER. This will result in improvement in the following areas: adoption of problem lists, improved work flow and efficiency, improved coding, increased granularity, maps to all standards. IMO is the only company with product that integrates with Meditech at this time
7	Citrix/ Compugen	Information Technology - Advantage Citrix Gateway Maintenance	JULY 1, 2022 - JUNE 30, 2023	A) \$80,763 B) 0 C) Total Procurement Value: \$80,763.00 Total paid for reporting period: \$80,763.00	Non-Competitive Single Source	Maintenance Renewal for Citrix XenApp licenses used for concurrent user access to our Citrix environment. Maintenance renewal of the product is only provided by manufacturer.

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8	CloudWave	Cloudcare Enhanced Monitoring	JULY 2022 - JULY 2027	A) \$138,432 B) 0 C) Total Procurement Value: \$138,432  Total paid for reporting period: \$16,867	Non-Competitive Single Source	<p>Unique Design – CloudWave has designed a solution that is first of its kind, not implemented within the MEDITECH hospital marketplace to date. What differentiates this design is the ability to separate compute resource (virtual machine) replication from storage. Customers and Scale – CloudWave has &gt;300 customers running MEDITECH.</p> <p>Employees – CloudWave employs &gt;15 people that formerly were employed by MEDITECH directly, or by MEDITECH hospitals directly</p> <p>Certification Expertise – CloudWave serves a unique role in certifying MEDITECH hardware technology for suitability with MEDITECH Expanse. To execute certifications, CloudWave tests OEM Product both performance and backup.</p> <p>Multiple-Vendor Solutions – CloudWave’s design for Humber River requires multiple technologies from multiple manufacturers including Dell, Cisco, Zerto, and BridgeHead. Most technology integrators are certified, trained, and authorized to deliver only a single brand. However, a single brand of hardware and software would not achieve the objectives for RPO, RTO, and separate server replication and storage replication for Humber River’s Expanse environment. CloudWave is both experienced in design of and authorized as a reseller of these solutions by all appropriate manufacturers. Authorization requires a substantial level of training and depth.</p> <p>Support - CloudWave is able to support the existing MEDITECH environment in place at Humber River throughout the transition and has been Humber River’s support partner for 3+ years. This saves steps/costs, and ensures the highest level of support possible as the MEDITECH Expanse workloads migrate from the previous platform to the new platform. MEDITECH Partnership – MEDITECH has selected CloudWave to provide back-end support for MEDITECH’s own cloud offering. And while Humber River is not currently deploying a cloud solution today, we may wish to expand IT services to the cloud down the road. CloudWave’s cloud capabilities, experience, and deep MEDITECH relationship is desired.</p>
9	CloudWave	Meditech Hardware Refresh - One time implementation + 5 year infrastructure support that has not started	APRIL 1, 2022- MARCH 31, 2023 and 5 year support - no start date	A) \$667,324.00 B) 0 C) Total Procurement Value: \$667,324.00  Total paid for reporting period: \$250,363.75	Non-Competitive Single Source	<p>Unique Design – CloudWave has designed a solution that is first of its kind, not implemented within the MEDITECH hospital marketplace to date. What differentiates this design is the ability to separate compute resource (virtual machine) replication from storage. Customers and Scale – CloudWave has &gt;300 customers running MEDITECH.</p> <p>Employees – CloudWave employs &gt;15 people that formerly were employed by MEDITECH directly, or by MEDITECH hospitals directly</p> <p>Certification Expertise – CloudWave serves a unique role in certifying MEDITECH hardware technology for suitability with MEDITECH Expanse. To execute certifications, CloudWave tests OEM Product both performance and backup.</p> <p>Multiple-Vendor Solutions – CloudWave’s design for Humber River requires multiple technologies from multiple manufacturers including Dell, Cisco, Zerto, and BridgeHead. Most technology integrators are certified, trained, and authorized to deliver only a single brand. However, a single brand of hardware and software would not achieve the objectives for RPO, RTO, and separate server replication and storage replication for Humber River’s Expanse environment. CloudWave is both experienced in design of and authorized as a reseller of these solutions by all appropriate manufacturers. Authorization requires a substantial level of training and depth.</p> <p>Support - CloudWave is able to support the existing MEDITECH environment in place at Humber River throughout the transition and has been Humber River’s support partner for 3+ years. In this capacity, we both ease and simplify the transition. This saves steps/costs, and ensures the highest level of support possible (no finger-pointing) as the MEDITECH Expanse workloads migrate from the previous platform to the new platform. MEDITECH Partnership – MEDITECH has selected CloudWave to provide back-end support for MEDITECH’s own cloud offering. And While Humber River is not currently deploying a cloud solution today, we may wish to expand IT services to the cloud down the road. CloudWave’s cloud capabilities, experience, and deep MEDITECH relationship is desired.</p>
10	Bridgehead	Bridgehead software Maintenance - HRRH590	JULY 1, 2022 - JUNE 30, 2023	A) \$159,346.71 B) 0 C) Total Procurement Value: \$159,346.71  Total paid for reporting period: \$150,909.21	Non-Competitive Single Source	<p>Bridgehead is a backup software company that HRH has used since 2000 for Meditech Magic. Currently the product is now used across approximately 800 servers for all corporate application servers, domain controllers as well as new Meditech Client server. Bridgehead Corporation is the manufacturer and supplier of its own product. HRH has reduced cost by removing 3rd party re-sellers and gone directly to the source, benefiting in cost reductions. Bridgehead is exclusively certified with Meditech HIS systems. The current maintenance contract expires June 30, 2022.</p>

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11	CDW Canada	Zerto Enterprise Cloud License, Maintenance, Support & Quick Advisor Service	APRIL 25, 2022 - APRIL 24, 2027	A) \$246,369.31 B) 0 C) Total Procurement Value: \$246,369.31  Total paid for reporting period: \$246,369.31	Non-Competitive Single Source	Zerto software and service is specific to the Cyber Resilient Infrastructure Project. This software is very unique, it is the only software that is able to move data at a block level. Zerto technology is used to move data at a block level preventing encryption or corruption during a cyber attack. No other vendor currently has a similar product that will work for this Cyber Resilient Infrastructure Project. A comparison between two vendor solutions was done - Zerto and VMware.
12	ASP Canada ULC	Preventative Maintenance - 2 EACH Sterrad Equipment	APRIL 15, 2022 - APRIL 14, 2025	A) \$102,405.00 B) 0 C) Total Procurement Value: \$102,405.00  Total paid for reporting period: \$34,135.00	Non-Competitive Single Source	Service Agreement: Preventative Maintenance Plan (PMP) for STERRAD 100NX & 100S Low temperature sterilizers , to improve equipment reliability and extended equipment life. ASP Canada ULC service technicians are certified with factory level training .It is recommended by ASP that only factory level trained technicians preform service on the equipment .This ensure the equipment is being maintained safely effectively and efficiently.
13	Huron Advisors Canada Limited	Service Agreement	JULY 1, 2022 - JUNE 30, 2025	A) \$469,185.15 B) 0 C) Total Procurement Value: \$469,185.15  Total paid for reporting period: \$156,395.05	Non-Competitive Single Source	Software As a Service Agreement Contract Huron Advisors Canada Limited is an independent coaching group and works with healthcare organizations in the United States, Canada, Australia, and beyond, to help achieve and sustain exceptional improvement in employee, physician & patient/family experience, clinical outcomes and financial results. Huron Advisors Canada Limited provides Software as a Service Agreement services to enable and sustain the Evidence Based Leadership™ practices. The software services provided are customized and in alignment with the EBL practices, behaviours and coaching provided through Huron Advisors Canada Limited coaching agreement. Humber River Hospital (HRH) is looking to renew a Software as a Services Agreement with Huron Advisors Canada Limited to support the following corporate outcomes: 1) Improve employee and physician engagement as evidence by improved engagement survey results, 2) Improve patients perception of care and consistency of patient experience surveys, 3) Create a culture of heightened accountability, 4) Achieve relevant QIP/strategic quality measures. Huron Advisors Canada Limited Software as a Services Agreement Service is widely used in healthcare. HRH and Huron Advisors Canada Limited engaged in contract negotiations to identify the most appropriate Software as a Service Agreement for HRH and ensured the following contract changes: - Inclusion of an early termination without cause section - Added Hospital information practices of privacy and cybersecurity and FIPPA
14	Huron Advisors Canada Limited	Professional Services	JULY 1, 2022- JUNE 30, 2025	A) \$728,028.36 B) 0 C) Total Procurement Value: \$728,028.36  Total paid for reporting period: \$242,676.12	Non-Competitive Single Source	Coaching Agreement Contract Huron Advisors Canada Limited is an independent coaching group and works with healthcare organizations in the United States, Canada, Australia, and beyond, to help achieve and sustain exceptional improvement in employee, physician & patient/family experience, clinical outcomes and financial results. Huron Advisors Canada Limited partners with organizations to build a sustainable culture that promotes accountability, fosters innovation, and consistently delivers a great patient experience and the best quality outcomes over time. By installing an execution framework called Evidence-Based Leadership™ (EBL), organizations are able to align goals, actions and processes, and execute quickly. This framework creates the foundation that enables transformation in this era of continuous change. Humber River Hospital (HRH) is looking to renew a contract with Huron Advisors Canada Limited for a coaching agreement to provide the following corporate outcomes; 1) Improve employee and physician engagement as evidence by improved engagement survey results, 2) Improve patients perception of care and consistency of patient experience surveys, 3) Create a culture of heightened accountability, 4) Achieve relevant QIP/strategic quality measures. This contract is a renewal of the existing partnership. HRH and Huron Advisors Canada Limited engaged in contract negotiations to identify the most appropriate coaching agreement for HRH and ensured the following contract changes: • Increased the general liability insurance from 1 million to 2 million • Remove early termination clause of approximately \$65,000 • Added Hospital information practices of privacy and cybersecurity and FIPPA
15	Cepheid	Reagent Testing Kits	APRIL 1, 2022- MARCH 31, 2023	A) \$2,192,040 B) 0 C) Total Procurement Value: \$2,192,040  Total paid for reporting period: \$1,893,773.74	Non-Competitive Single Source	Reagent testing kits utilized on the Cepheid GeneXpert: Tests performed Flu A&B, RSV, C. Difficile, COVID 19. Cepheid is the sole manufacture and distributor of the reagent testing kits. Cepheid is the sole manufacture and distributor of the reagent kits utilized on the Cepheid GeneXpert. The system is closed and only Cepheid reagent kits are able to be utilized for testing.

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16	Arxium	Pharmacy/ IT	NOVEMBER 1, 2022 - OCTOBER 31, 2025	A) \$513,450 B) 0 C) Total Procurement Value: \$513,450  Total paid for reporting period: \$171,150	Non-Competitive Single Source	This contract (renewal) is to provide ongoing maintenance for the RIVA sterile compounding robot located in the Oncology Pharmacy satellite as current contract is expiring on Nov. 1, 2022. Only Arxium services their own licensed technology. Large capital expense to replace RIVA vs annual maintenance for part and labour.
17	Salus Global	Birthing Unit's - OB Program software license renewal	JUNE 30, 2022 - JUNE 29, 2025	A) \$228,555 B) 0 C) Total Procurement Value: \$228,555  Total paid for reporting period: \$76,185	Non-Competitive Single Source	Salus Global's moreOB program is a comprehensive performance improvement program that creates a culture of patient safety in obstetrical units. The program's multi-year components are hands-on support to hospital teams; a Continuous Quality Improvement framework; an evidence-based process; and the "SG hub" - an online platform that offers project management, content, and tools. Salus Global maintains copywrite and exclusive licensing of the moreOB Online platform and its contents. The program adheres to the phases rooted in the principles of a High Reliability Organization (HRO): develop capability; transfer to practice; develop capacity; measure outcomes; assess value. During the last 20 years, the program has enhanced safe care and reduced adverse events in over 300 hospitals across North America, including within most Canadian hospitals. Humber River Hospital has been using Salus Global – for 3 years that expired May 12, 2022. From the last 3 years the moreOB program is a multi-year, comprehensive patient safety and performance improvement program for interprofessional obstetrical teams. The program creates, builds and sustains a working environment where professional autonomous silos, organizational hierarchy, communication gaps and uncoordinated teamwork are eliminated. Change is incremental, ensuring that a culture of safety becomes embedded into practice. The program has improved outcomes in such areas as length of time of infants on ventilation, reduced severe infant morbidity, and reduced maternal tears/lacerations and length of stay. Hospitals have reduced NICU admissions, reduced elective inductions, and improved patient satisfaction and job satisfaction, among other benefits. Humber would like to renew the contract for another 3 years to continue the program to improve the safety of obstetrical and perinatal care at Humber River Hospital. A single and sole source form accompany this procurement initiative. As the platform and materials, being used is proprietary to Salus. Since Humber has 3 years of data with Salus, for the additional deliveries to be delivered by Salus, of which the change of another vendor would cause a significant inconvenience.
18	Atlas Apex	HIRF Project - Church Roofing	ONE TIME PURCHASE - DEC 31, 2022 COMPLETION	A) \$430,808.00 B) 0 C) Total Procurement Value: \$430,808  Total paid for reporting period: \$430,808	Non-Competitive Single Source	Due to aging infrastructure, multiple roofs were identified to be replaced and/or repaired. As a result, if not addressed promptly HRH runs the risk of Code Browns and potential damage to mechanical equipment. Weather Technologies (Tremco) our roofing consultant created a required work scope bid submission in which we received five quotes. Due to the dollar value the bid submission should have been an open process. Atlas Apex quote was the lowest submission of the five vendors. Note, the specifications and warranties were strictly defined and universal
19	iCIMS	Applicant Tracking Software	November 29, 2022 - November 28, 2025	A) \$253,577.08 B) 0 C) Total Procurement Value: \$253,577.08  Total paid for reporting period: \$124,669.92	Non-Competitive Single Source	iCIMS is HRH's application tracking system used for job requisition, job posting, recruitment and onboarding. This is a renewal for 36 month term. Current contract expired November 29, 2022, it would not be financially appropriate to send out an RFP and possibility implementation of a new system. Estimated time for new ATS implementation will be an upwards of 12months in a addition to 1 FTE dedicate. a thorough review was conducted to ensure subscription fee did not include services and modules HRH no longer requires. Fee was also negotiated and reduced by \$56942 over 36 month term.

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20	Red X Carbon	Security Operations Centre + AZURE MONITORING	Dec 1, 2022 - Nov 30, 2025	A) \$511,200.00 + 128,000 = \$ 639,200.00 B) 0 C) Total Procurement Value: \$511,200 + 128,000=\$639,200.00  Total Paid for reporting period: \$42,600	Non-Competitive Single Source	Red X Carbon Inc. was the vendor who HRH engaged immediately on the day of June 14 2021 to assist with the mitigation strategy, lockdown of all computer systems and assist with Rebuild of Corporate and Clinical Servers. Red X Carbon Inc. is very familiar with all HRH design and builds, as they were a partner of HRH for over 15 years. Humber River Hospital signed a 2021, one year contract for Security Operations Centre service. Red X will continue providing advanced security services with ongoing 24/7 secure access and passwords to HRH systems. Red X will continue providing advanced security services with ongoing 24 x7 x365 security monitoring for the next 3 years. The 3 year plan includes: <ul style="list-style-type: none"> <li>• Dedicated SOC Team. Rapid security operations deployment with industry certified security analysts</li> <li>• Managed infrastructure detection response, endpoint detection response and cloud detection response planning and execution</li> <li>• Forensic, indicators of compromise detection, Blackbox external penetration Testing, dark web threat hunting and compromise data extraction</li> <li>• Managed risk detection and managed security awareness (insider threat assessment)</li> <li>• Business continuity planning &amp; recovery, managed remediation (Professional Services)</li> <li>• 24x7x365 SOC/SOAR(SIEM) operations, along with treat intelligence watch from dark web</li> </ul> Humber River Hospital will be signing a 3 year contract for Security Operations Centre service.
21	Precise Parklink	Snow Removal Services	NOV 15, 2022 - APRIL 15, 2023	A) \$640,500.00 B) 0 C) Total Procurement Value: \$640,500  Total paid for reporting period: \$512,400.00	Non-Competitive Single Source	1 year Snow removal services for the RCC Church and Finch Sites <ul style="list-style-type: none"> <li>• RFP only brought two bidders in a market place that had at minimum 5 potentials (5 visited site on tour offering).</li> <li>• Pricing was heavily weighted and did not include certain considerations such as price of supplies and emergency calls.</li> <li>• Referencing was unclear for both bidders and called into question certain response needs.</li> <li>• We are now in November and the possibility of snow service requirement is now upon us. Our ability to negotiate &amp; get contracts in place in time to service sites was in jeopardy.</li> </ul> Current contract expired Nov 2022. HRH submitted an open bid RFP June 2022. <ul style="list-style-type: none"> <li>• RFP only brought two bidders in a market place that had at minimum 5 potentials (5 visited site on tour offering).</li> <li>• Pricing was heavily weighted and did not include certain considerations such as price of supplies and emergency calls.</li> <li>• Referencing was unclear for both bidders and called into question certain response needs.</li> <li>• We are now in November and the possibility of snow service requirement is now upon us. Our ability to negotiate &amp; get contracts in place in time to service sites are in jeopardy.</li> </ul>
22	Access Information	Offsite Storage / Purching/ File Delivery and Access	FEB 17, 2023 -FEB 2028	A) \$492,444.68 B) 0 C) Total Procurement Value: \$320,000  Total paid for reporting period: \$0	Non-Competitive Single Source	Since the merger of the 3 legacy hospitals in 1997 and the creation of Humber River Hospital, the hospital has sent records, documents and specimens to off-site long term storage. For the last 10 years, HRH has limited what it sends to off-site storage and in 2016 created a long term storage area at the Church Site basement (old Health Records dept) to consolidate old records from the legacy sites after the move to Wilson. We also conducted a large purge of patient records in 2017 which cost \$127,000 but reduced the annual fee by \$20,000. HRH will have Access conduct another large purge in Q4 of 2022/23
23	Krasman Centre	Support Workers Approval from Ontario	OCT 22, 2022 TO OCTOBER 21, 2023	A) \$106,718.00 B) 0 C) Total Procurement Value: \$106,718.00  Total paid for reporting period: \$7,936.00	Non-Competitive Single Source	Peer Support Workers to provide support to withdrawal management patients within the Mental Health & Addictions program. This is funding approved by Ontario Health to improve the quality of service. Krasman Center is an existing community partner which has expertise in the area of Peer Support services. The maximum amount of payment to Krasman Center is limited to the funding received from Ontario Health.

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24	Abbott	Pacemaker Contract -Secondary Vendor	February 15, 2023 - September 30, 2024	A) \$250,000.00 B) 0 C) Total Procurement Value: \$250,000 Total paid for the reporting period: \$0.00	Non-Competitive Single Source	The current Medtronic (primary) contract was extended for a 2-year period until September 2024. The contract commitment is for 80% of their product. The other 20% of product was committed to ABBOT. The e-form submitted is a one time request and covers the period until September 2024 to align with the current contract with Medtronic for additional product. Medically/clinically: Medtronic and Abbott devices are not interchangeable; have to keep leads and devices from the same company to maintain MRI compatibility & to have the ability to continue to treat patients with SJM/Abbott devices. To complement the Medtronic contract for supplies not available from Medtronic e.g.. MRI compatible devices, smaller leads, etc. In addition, mitigates supply chain issues recently experienced with Medtronic e.g. shortages, recalls
25	Red X Carbon	SOW - Microsoft 365 Teams, SharePoint Online and One Drive for Business	Feb 1, 2023 to June 30, 2023	A) \$285,600.00 B) 0 C) Total Procurement Value: \$285,600.00 Total paid for reporting period: \$95,200.00	Non-Competitive Single Source	Due to Code Grey Cyber Attack 2021 June 14. HRH began the migration of 4300 users to Office 365. We have completed the migration of Exchange Online for emails and a set of security capabilities included in the Azure Enterprise Mobility. Red X Carbon Inc. was the vendor who HRH engaged immediately on the day of June 14 2021 to assist with the mitigation strategy, lockdown of all computer systems and assist with Rebuild of Corporate and Clinical Servers. Red X Carbon Inc. is very familiar with all HRH design and builds, as they were a partner of HRH for over 15 years.
26	Healix Software Development Team	Innovation - Multiple vendors	NOV 1, 2022 - MARCH 31, 2023	\$1,588,420	Non-Competitive Single Source	HRH has invested in the development of a digital health platform branded "Healix". Its purpose is to support development of and evaluation of algorithms and widgets that pertain to community connection, clinical excellence in family medicine..HRH has built out a software development team that is responsible for delivering commercial and medical grade software products. This team was built during the pandemic period on a contract basis for the following reasons: <ul style="list-style-type: none"> <li>• Difficulty hiring qualified people - In the world of software development, searching for and hiring developers, product managers, architects, test engineers, and user experience experts is always challenging as Toronto-Waterloo region is a global tech centre (often referred to as the Innovation Corridor). During the pandemic it has become even more challenging to build out a software development team. There has been a surge in technology investment and there is strong competition in the Innovation Corridor. In addition, our work is health specific, and we prefer people with healthtech experience. These factors combined have made hiring very challenging over the past 18 months.</li> <li>• Time sensitivity – At the early stages of the pandemic, HRH required tools to support pandemic related requirements. We had commitments to our OHT partners, Ontario Health and internal clinical teams to deliver algorithms and widgets in support of COVID related activities. The hiring approach leveraged the network of people known to our Head of Technology, Head of Product and Chief Information Officer.</li> <li>• Evolution of Team – We explicitly chose to hire on a contract basis so that we could modify the team as our understanding of needs matured.</li> </ul> <p>The team has now matured and we are looking to convert contract positions to permanent employees. This requires planning, preparation and will take another 3 to 4 months. In the meantime, contracts are expiring and we need the team to remain engaged. Hence the need for a single/sole source authorization to maintain the team.          The current team members are the core developers of Healix. Losing this team will lose both intellectual property, investment into the team and time. Renewing contracts ensures continuity of capacity and retaining of intellectual property.</p>
27	Paragon	Preventative Maintenance of the Fire Wall and the migration of the 3 new cisco servers (72,000 + 47,200)	JUNE 1, 2022 - MAY 31, 2023	A) \$119,000.00 B) 0 C) Total Procurement Value: \$119,000.00 Total paid for reporting period: \$67,800.00	Non-Competitive Single Source	Paragon Micro infrastructure, security appliances and network core switches are a highly complex configuration. Accidental configuration changes could result in a massive hospital computer system outage. Paragon Micro engineering team provides support to all firewall equipment and maintains all high-levels security configurations and knowledge of our complex systems.
28	ISA Security	for Antivirus software subscription renewal	MARCH 8, 2023 - MARCH 7, 2024	A) \$177,978.26 B) 0 C) Total Procurement Value: \$177,978.26 Total paid for reporting period: \$177,978.26	Non-Competitive Single Source	HRH purchased a Sentinel Antivirus software subscription from CDW last year. Subscription from CDW will end 2023 Mar 7. To ensure compatibility and to avoid duplication of work. With this one year subscription, this will give HRH enough time to prepare for a RFP for the succeeding years. Requested 3 resellers quotes (ISA Cybersecurity Inc., Access 2 Networks and rSolutions) from the MGS VOR list IT Security agreement 11558 and determined that ISA Cybersecurity Inc. offered the best pricing.

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 Reporting Period: April 1, 2022 to March 31, 2023

No	Vendor Name(s)	Name and Title Of Contract	Contract Term If the contract term has been extended please include the original contract term and the amended contract term.	Procurement Value (A) Original value plus (B) Value of amendments and (C) Total procurement value (\$)/Total Paid	Selection Process (Open Competitive, Invitational Competitive, Non-Competitive)  If non-competitive, please provide an explanation.	Explanation
29	Baxter	For Church Dialysis - RO System	Mar-23	A) \$587,300.00 B) 0 C) Total Procurement Value: \$587,300  Total paid for reporting period: \$587,300	Non-Competitive Single Source	Church RCC RO System replacement. Current system over 25 years, and at risk to fail as it superseded life-expectancy. Consequently, failure of the RO system has considerable patient impact as Church site would not be able to provide hemodialysis services. Urgent need to replace RO System. Supply chain concern to secure a RO system with other vendors - Baxter secured RO system for HRH.
30	Red X Carbon	AZURE -SECURITY OPERATIONS CENTRE	April 1, 2022- March 31, 2023	A) \$72,000 B) 0 C) Total Procurement Value: \$72,000  Total paid for reporting period: \$66,941.30	Non-Competitive Single Source	Red X Carbon Inc. was the vendor who HRH engaged immediately on the day of June 14 2021 to assist with the mitigation strategy, lockdown of all computer systems and assist with Rebuild of Corporate and Clinical Servers. Red X Carbon Inc. is very familiar with all HRH design and builds, as they were a partner of HRH for over 15 years. Humber River Hospital signed a 2021, one year contract for Security Operations Centre service. Azure Sentinel is Microsoft hosed database where all the logs from all corporate login servers and firewalls are feeding to be analyzed by the Red X Carbon Inc. Security Operations Team. This technology is known in the industry as SIEM. SOC proposal clause dictates that first and second anniversary renewals will maintain the discounted rate, unless either party provides the other party with written notice of non-renewal at least 30 days prior to the end of the then- current term.