

Facility Services Contracts Provided for Information Only (over \$50,000 and up to \$500,000)

#	User/Budget Holder School/Dept.	Products/Services Details	Ward	Recommended Supplier	Low Bid / Highest Score	Object-ions	No. of Bids Rec'd	Total Contract Amount	Projected Start/End Date of Contract	Customer Involvement	Funding Source
ROOFING											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
MECHANICAL											
1	Design and Renewal	CN22-027T General Mercer JPS TR 21-0534 Vacuum Return Tank Replacement. Tank has rusted out and requires replacement. Supply of tank only.	9	Elite Plumbing & Heating Supplies Ltd.	Yes	No	3	\$53,850	May 2022	Design and Renewal	School Condition Improvement
2	Design and Renewal	MP22-529T Winona Drive SPS TR-21-1538 Heating Pumps Replacement. Heating pumps have reached the end of their life expectancy and require replacement.	8	Smith and Long Limited	Yes	No	4	\$205,490	June 2022/ December 31, 2022	Design and Renewal	School Condition Improvement
3	Design and Renewal	DJ22-538T Monarch Park CI TR-21-1184 Chemical Treatment Upgrade. Pool chemical treatment system obsolete and deteriorated beyond repair. Re-tender of VK22-392T.	15	Black Creek Mechanical Ltd.	Yes	No	4	\$124,950	July 2022/ August 2022	Design and Renewal	School Condition Improvement
4	Design and Renewal	JM22-537T Humberside CI TR-21-1623. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	7	ESC Automation Inc	Yes	No	2	\$61,233	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
5	Design and Renewal	JM22-537T Lawrence Park CI TR-21-1624. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	8	ESC Automation Inc	Yes	No	2	\$84,592	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
6	Design and Renewal	JM22-537T Drewry SS TR-21-1629. BAS Replacement. The existing obsolete BAS will be replaced with an	12	ESC Automation Inc	Yes	No	2	\$71,981	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement

		up-to-date system meeting current TDSB standards.									
7	Design and Renewal	JM22-537T RJ Lang EMS TR-21-1634. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	12	Automated Logic Canada Ltd	Yes	No	2	\$184,152	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
8	Design and Renewal	JM22-537T DA Morrison MS TR-21-1628. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	12	ESC Automation Inc	Yes	No	2	\$77,631	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
9	Design and Renewal	JM22-537T City Adult Learning Centre TR-21-1643. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	15	Automated Logic Canada Ltd	Yes	No	2	\$142,467	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
10	Design and Renewal	JM22-537T Contact Alternative School TR-21-1644. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	9	ESC Automation Inc	Yes	No	2	\$159,698	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
11	Design and Renewal	JM22-537T Duke of Connaught JSPS TR-21-1647. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	15	ESC Automation Inc	Yes	No	2	\$64,931	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
12	Design and Renewal	JM22-537T Malvern CI TR-21-1649. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	16	Automated Logic Canada Ltd	Yes	No	2	\$141,560	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement

13	Design and Renewal	JM22-537T Newtonbrook SS TR-21-1650. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	12	Automated Logic Canada Ltd.	Yes	No	2	\$270,588	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
14	Design and Renewal	JM22-537T Parkdale JPS TR-21-1651. BAS Replacement. The existing obsolete BAS will be replaced with an up-to-date system meeting current TDSB standards.	7	ESC Automation Inc	Yes	No	2	\$152,058	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
15	Design and Renewal	DJ22-506T Dunlace PS TR-19-0042 Watermain Piping Upgrade The existing 80m of buried watermain pipe at this school is obstructed severely and deteriorated. Replacement is required.	11	Stellar Mechanical Inc.	Yes	No	1	\$189,000	May 2022/ September 30, 2022	Design and Renewal	School Condition Improvement
16	Design and Renewal	CN22-532T Burnhamthorpe CI TR # 19-0079 The existing watermain pipe at this school is severely deteriorated and needs replacement, new isolation water valve is also required.	2	Stellar Mechanical Inc.	Yes	No	2	\$308,000	May 2022/ Sept 30,2022	Design and Renewal	School Condition Improvement
17	Design and Renewal	MP22-560T Wexford Collegiate SOA TR-21-1294 Grease Interceptor Replacement. Current grease interceptor serving the kitchen has failed. Completely corroded on the inside, and venting is missing. Requires replacement.	17	Smith and Long Limited	Yes	No	2	\$62,690	July 2022/ August 15, 2022	Design and Renewal	School Condition Improvement
STRUCTURAL / BRICK WORK											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
WINDOWS											
18	Design and Renewal	MP22-552T Sir Ernest MacMillan SPS TR-21-1116 Skylight Replacement. Existing Skylight above main floor deteriorated and leaking. Needs Replacement.	20	Greco Construction	Yes	No	4	\$341,650	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement

ELECTRICAL											
19	Design and Renewal	DJ22-522T Sir Ernest MacMillan TR-20-0374. Fire Alarm Replacement. Existing fire alarm system is outdated and has surpassed its useful lifespan. Difficult to get replacement parts for the current system.	20	Stevens & Black Contractors Ltd.	Yes	No	3	\$292,000	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
20	Design and Renewal	DK22-531T Presteign Heights ES TR-21-1109 Fire Alarm Replacement. Existing fire alarm system is outdated and has surpassed its useful lifespan. Difficult to get replacement parts for the current system.	19	Ontario Electrical Construction Company Limited	Yes	No	5	\$224,540	September 2022/ November 2022	Design and Renewal	School Condition Improvement
21	Design and Renewal	PCM22-545T Lester B. Pearson CI TR-21-1442 Integrated P.A./In-house Phone System Replacement. The existing system is obsolete and has surpassed its lifespan. There is a lack of replacement parts available making continued maintenance not feasible.	21	Stevens & Black	Yes	No	3	\$469,975	September 2022/ November 2022	Design and Renewal	School Condition Improvement
22	Design and Renewal	VK22-547T Sir William Osler HS TR-21-1449 Integrated P.A./In-House Phone System Replacement. The existing system is obsolete and has surpassed its life span. There is a lack of replacement parts available. Continued maintenance is not feasible.	20	Stevens & Black	Yes	No	3	\$354,850	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
23	Design and Renewal	CN22-555T Grey Owl JPS TR # 21-1439 Integrated P. A. / In-house Phone System Replacement. Replace the existing old P. A. system with the new Board-wide Integrated P. A./ in-house Phone system.	22	Hart-Well Electrical	Yes	No	5	\$198,600	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
24	Design and Renewal	CN22-555T Grey Owl JPS TR # 22-0103 Fire Alarm Control Panel Replacement. Replace existing old Fire Alarm control panel and the audio/visual signal devices with new ones.	22	Hart-Well Electrical	Yes	No	5	\$198,400	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
BARRIER FREE											

25	Design and Renewal	JM22-497T Deer Park JSPS TR-21-1575. Third Floor Washroom Renewal. Addition of automatic doors and conversion of existing washroom into universal accessible washroom.	8	Classic Construction Company	Yes	No	5	\$243,500	July 2022/ September 30, 2022	Design and Renewal	School Condition Improvement
PARKING LOTS											
26	Design and Renewal	CN22-491T Bayview MS TR-19-0670 Parking lot Replacement. Asphalt surfaces have deteriorated beyond regular maintenance. Scope of work includes concrete curbs, asphalt paving, line painting, signage, and accessibility upgrades.	13	Ashland Paving Limited	Yes	No	8	\$287,996	June 2022/ August 26, 2022	Design and Renewal	School Condition Improvement
27	Design and Renewal	VK22-539T Highview PS TR-20-0517 Parking Lot Replacement. Asphalt surfaces have deteriorated beyond regular maintenance. Scope of work includes new concrete curbs, asphalt paving, line painting, signage, accessibility upgrades.	5	Primo Paving & Construction Ltd.	Yes	No	6	\$323,000	June 2022/ August 26, 2022	Design and Renewal	School Condition Improvement
28	Design and Renewal	PCM22-505T Millwood Jr. School TR 21-1014 Resurface Parking Lot. Resurfacing Parking Lot, new walkways will be added to increase pedestrian safety.	2	Nortown Paving & Construction Inc.	Yes	No	8	\$264,950	April 2022/ August 26, 2022	Design and Renewal	School Condition Improvement
29	Design and Renewal	MP22-523T Rene Gordon HAWA TR-18-1398 Repave Asphalt Playground and Parking. Asphalt surfaces have deteriorated beyond regular maintenance. Require repaving.	14	Onsite Contracting Inc.	Yes	No	4	\$431,034	May 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
FIELD RESTORATION											
30	Design and Renewal	PM22-477T Chartland JPS TR-19-0462. Replace Asphalt Play Area. The school asphalt play area is in poor condition, posing trip hazards and safety concerns for students. The asphalt requires resurfacing, with organization of existing play elements and new features, including junior play equipment. Scope to include improvements to Henry Kelsey SPS play areas and features in shared spaces between the two schools.	21	Lakeside Contracting Company Ltd.	Yes	No	6	\$494,268	May 2022/ August 31, 2022	Design and Renewal	School Condition Improvement

31	Design and Renewal	CN22-513T Owen PS TR-19-0958 Retaining Wall Restoration & Repave Parking Lot. Retaining wall near play area has come loose and pushed forward becoming unsafe. Parking lot surfaces have deteriorated with large potholes and extensive cracking.	11	Nortown Paving & Construction Inc	Yes	No	6	\$287,500	July 2022/ August 31, 2022	Design and Renewal	School Condition Improvement
INTERIOR COMPONENTS / FASCIA / PAINTING											
32	Design and Renewal	JM22-544T Wilkinson JPS TR-20-0153. Gym Floor Replacement. Existing gym floor has deteriorated with many loose tiles that are continuously being replaced/repared.	15	Gym-Con Ltd	Yes	No	1	\$152,500	July 2022/ August 30, 2022	Design and Renewal	School Condition Improvement
OTHER											
33	Design and Renewal	SX22-549 SSF Westview Centennial SS TR-22-0001 Generator Rental for Damaged Underground Branch Feeder.	4	L.M. Generating Power Co. Ltd.	N/A	N/A	Single Source	\$195,454	January 2022/ May 2022	Design and Renewal	School Condition Improvement
34	Facilities Services	DK22-463 SSF. Supply of Toro Groundsmaster 5900 mower for cutting grass on TDSB playing fields. TDSB standard equipment for large mowers is the Toro 5900 model based on functionality and maintenance cost review. The equipment is replacing an existing 14-year-old mower which is beyond its useful life and prohibitive to repair. This vendor is the only authorized distributor of Toro commercial equipment in Ontario and Quebec.	N/A	Turf Care Products Canada Ltd.	N/A	N/A	Sole Source	\$145,420	July 1, 2022	Facilities Services	School Operations Grant
35	Design and Renewal	CN22-598T Dance Floor at George Harvey C.I. Dance Floor upgrade is included in the scope of work for the Interior Renovation project.	6	Barwood Flooring Ltd	Yes	No	2	\$50,318	May 2022/ June 2022	Design and Renewal	School Condition Improvement

APPENDIX B

Facility Services Contracts Requiring Finance, Budget and Enrolment Committee Approval (over \$500,000 and up to \$1,000,000)

#	User/Budget Holder School/Dept.	Products/Services Details	Ward	Recommended Supplier	Low Bid / Highest Score	Object -ions	No. of Bids Rec'd	Total Contract Amount	Projected Start/End Date of Contract	Customer Involvement	Funding Source
ROOFING											
1	Design and Renewal	MP22-519T Yorkdale SS TR-19-0623 Roof Replacement. Existing roof assemblies are deteriorated and past their life expectancy. Require full roof assembly replacement.	8	Triumph Roofing & Sheet Metal Inc.	Yes	No	5	\$590,740	August 2022/ December 2022	Design and Renewal	School Condition Improvement
MECHANICAL											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
STRUCTURAL / BRICK WORK											
2	Design and Renewal	JM22-520T J R Wilcox CS TR-21-1557. Cluster Column and Facade Walls Restoration. Project requires cluster column and base plate restoration, columns exploratory openings at 3 locations, localized facade walls restoration, canopy at exit 3 cleaning and repainting.	8	Trinity Custom Masonry Limited	Yes	No	2	\$866,333	June 2022/ August 18, 2022	Design and Renewal	School Condition Improvement
WINDOWS											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
ELECTRICAL											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
BARRIER FREE											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
PARKING LOTS											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
FIELD RESTORATION											
3	Design and Renewal	VK22-526T Wilkinson JPS TR-18-0314 Site Improvements to Asphalt & Play Area. Several large asphalt play areas have deteriorated and are breaking into large pieces and are a safety concern. New scope	15	DonRos Landscape Contractors	Yes	No	4	\$692,436	July 2022/ November 2022	Design and Renewal	School Condition Improvement & Community Funding

		includes replacement of asphalt play surface, basketball court, fenced play area with play structures, deciduous trees, ball hockey court, sand pit, baseball diamond.									
INTERIOR COMPONENTS / FASCIA / PAINTING											
-	Nil Items	-	-	-	-	-	-	-	-	-	-
OTHER											
4	Operations Maintenance and Community Use	JM22-517P - Purchase of 22 Cargo Vans for Facility Services. This purchase supports replacement of 2002 – 2005 model year fleet vehicles that have become prohibitive to repair.	N/A	City Buick Chevrolet Cadillac GMC Limited	Yes	No	1	988,812	June 30, 2022	Operations Maintenance and Community Use	School Operations Grant

APPENDIX C

Facility Services Contracts Requiring Board Approval (contracts over \$1,000,000 and Consulting Services over \$50,000)

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OTHER											
4	Design and Renewal	DK22-348P. Supply Only of Sealed Glass Units to the TDSB for Small Fabrication Jobs / Large Renovation Projects. TDSB trades to install. Sealed glass windowpane units manufactured to TDSB specification required for replacement in existing frames for Facilities Services maintenance or for larger upgrade, window replacement projects by TDSB Windows Shop.	N/A	High Performance Glazing Inc.	Yes	No	1	\$1,427,595	July 1, 2022	Design and Renewal	School Operations Grant/ School Condition Improvement
5	Facility Services / Business Services	Seeking advanced approval for the purchase of supply and transportation of natural gas. See Appendix “F”	N/A	N/A	N/A	N/A	N/A	\$15,470,000 (Estimate based on 2021-2022 fiscal year budget)	N/A	Facility Services / Business Services	School Operations Grant

Summary of Select Facilities Contracts
(September 1, 2021 to Present)

-	Project Classification	Total Number of Projects for this Report	Total Number of Projects 2021/22 to date	Total Expenditures for this Report	Total 2021/22 Contract Awards Reported to Date	Current Backlog
1	ROOFING	1	56	\$ 590,740	\$ 62,251,961	\$ 73,918,032
2	MECHANICAL	17	86	\$ 2,354,871	\$ 45,697,766	\$ 1,660,226,066
3	STRUCTURAL / BRICK WORK	2	21	\$ 2,299,110	\$ 9,201,263	\$ 146,843,259
4	WINDOWS	1	25	\$ 341,650	\$ 20,342,968	\$ 73,067,794
5	ELECTRICAL	6	42	\$ 1,738,365	\$ 9,883,702	\$ 425,691,172
6	BARRIER FREE	1	1	\$ 243,500	\$ 243,500	
7	PARKING LOTS	6	17	\$ 4,735,622	\$ 7,368,837	\$ 96,192,052
8	FIELD RESTORATION	3	12	\$ 1,474,204	\$ 5,968,361	\$ 242,432,336
9	INTERIOR COMPONENTS / FASCIA / PAINTING	1	13	\$ 152,500	\$ 6,483,753	\$ 931,643,271
10	OTHER (FDK, EL4, and Compliance)	3	23	\$ 1,620,881	\$ 6,719,638	-

-	Project Classification	Total Number of CVRIS Projects for this Report	Total Number of CVRIS Projects to date	Total CVRIS Expenditures for this Report	Total CVRIS Contract Awards Reported to Date
-	COVID Resilience Infrastructure Funding Stream (CVRIS) Projects *	0	13	-	\$ 5,857,555

* Note: these CVRIS values are also reflected in the main Appendix D table above under their appropriate trade category.

Overall Running Total (CVRIS) Projects from April 2021 to Date:	75	Total April 2021 to Date:	\$ 46,095,451
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APPENDIX E

Facilities Services Contract Change Orders Exceeding \$500,000

1.	Project Description:	Hodgson Middle School – Addition Design Services
	Contractor/Vendor:	MC Architects (MCA)
	Original Contract Award Report:	FBEC Report # 05-17-3114
	Original Contract Award Approval Date:	May 10, 2017
	Original Contract Award amount:	\$ 290,000.00 + \$ 32,000.00 (Excluding HST)
	Amount Expended From Original 12-classroom Addition Design	(\$79,025.00)
	Revised contract amount:	\$ 1,043,318.00 (Base Design & Contract Admin Fee) \$ 93,540.00 (Site Plan Application & FF&E Fee) \$ 1,136,858.00 (Subtotal Revised Design Fee for Hodgson, ASWR-006) \$ 79,025.00 (previously expended for original addition design) \$ 1,215,883.00 (Total Revised Design Fee)
	Funding Source for Increased Cost:	Capital Priorities funding subject to EDU Approval
	Reason(s) for the Increased Cost:	ASWR-006 - Hodgson Middle School “Hybrid” Design Fee. On May 10 th , 2017 TDSB awarded MC Architects (MCA) a contract to provide design services for a 12-classroom addition at Hodgson Middle School. After awarding the work to MCA, TDSB planners forecasted the need for a larger addition due to the Yonge-Eglinton area being designated as an “Urban Growth Centre” and the need for additional pupil accommodation. A revised business case was submitted to the Ministry of Education (EDU) in September of 2019. The EDU approved the “Hybrid” design option which consists of the demolition of the 1960’s wing of the building and construction of a new 3-storey addition in its place, thereby increasing the pupil places from the original 12-classroom addition of 276pp, to a larger addition of 562pp and renovations to the original (main) building. Once construction of the Hybrid option is completed the total school capacity at Hodgson MS will be 838pp. This fee change reflects the significant project scope change and the increase to the project budget. Please note that the \$79,025.00 fee identified above was for design work associated with the original 12-classroom addition.

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BRIEFING NOTE

Date 8 June 2022

To Finance, Budget & Enrolment Committee

From Craig Snider, Associate Director - Business Operations & Service Excellence
Maia Puccetti, Executive Officer – Facilities and Planning
Marisa Chiu, Executive Officer - Finance

Subject **Advanced Approval to Purchase Supply and Transportation of Natural Gas**

Purpose The Board's current agreement for the supply of natural gas is with Direct Energy for 3250 GJ/day (50% of TDSB's current annual volume) for the term of November 1, 2021 to October 31, 2024 (3 years). The balance is purchased on the spot market.

For the transportation of natural gas to Dawn (the Sarnia area storage & distribution hub) in the upcoming year (Nov 1, 2022 – Oct 31, 2023) the Board has an agreement with Direct Energy for 50% of the current annual volume, and the following year (Nov 1, 2023 – Oct 31, 2024) the Board has an agreement with Twin Eagle for 50% of the current volume.

The forward natural gas prices have been very high through 2022. Currently, the natural gas futures market is in an extremely volatile position. The up-to-date low weekly storage injections of natural gas would ensure upward pressure on the natural gas costs in the 2022-23 winter period.

It is prudent to hedge the natural gas commodity to protect against future price increases in the winter period and to take advantage of the soft future transportation prices. It is proposed that a Request for Proposal (RFP) be issued to the market in late June or early July 2022, for the forward purchase of both supply and transportation of natural gas. Pricing will be requested for multiple years, as there is backwardation in the market and potential opportunity for the Board to work down the price for future contract terms with a blended approach to hedging. Also, pricing will be requested for an individual term.

Transportation pricing will be requested for future years, because there is backwardation in the market for transportation as well. The Board's estimated

requirement is 6,552 gigajoules (GJ) per day. Pricing will be requested for supply from the Alberta well-head to Dawn.

The Facility Services Energy Management Unit is responsible for the monitoring and managing of the energy contracts. The Board retains the services of a consulting company to advise on the natural gas market and purchase strategy. The company will assist in the preparation of the RFP and participate in the evaluation of bid responses.

Staff will use the following criteria to evaluate the bid(s) submitted:

Minimum qualifications of bidder:

- Firm transportation ability to Dawn;
- Credit rating of BBB+ by Standard & Poor's or equivalent rating by another credit agency;
- Copy of financial statements and notes for most recent accounting period;
- References upon request.

Evaluation criteria:

- Lowest total costs of supply to the Board;
- Reliability of supply gas to Dawn;
- Bidder's integrity, environment and social responsibility.

All prices for the supply and transportation of natural gas are tradeded openly on the commodity markets, therefore prices are subject to constant changes. In order to take advantage of pricing submitted through a RFP process, staff requires authority to award these contracts to the successful bidder(s) at the conclusion of the bid evaluation(s) which must occur within less than an hour of the bid closing time. Following award of contracts, a report detailing the results will be presented to the Finance, Budget and Enrolment Committee for information at the next scheduled meeting.

The purchase and transportation of natural gas is funded through the Grants for Student Needs (GSN) allocation for school operations.

The Board's estimated 2022-23 fiscal year budget for the purchase of natural gas is \$22.9M and for the transportation is \$2.2M for a total budget of \$25.1M (pending approval).

- Strategic Direction**
- Allocate human and financial resources strategically to support student needs.