



**Public Works and Transportation Committee
Electronic Meeting**

**Council Chambers, City Hall
6911 No. 3 Road**

**Wednesday, March 20, 2024
4:00 p.m.**

Pg. # ITEM

MINUTES

PWT-5 *Motion to adopt the **minutes** of the meeting of the Public Works and Transportation Committee held on February 21, 2024.*



NEXT COMMITTEE MEETING DATE

April 17, 2024, (tentative date) at 4:00 p.m. in the Council Chambers.

AGENDA ADDITIONS AND DELETIONS

PLANNING AND DEVELOPMENT DIVISION

- E-SCOOTER PILOT PROJECT UPDATE**
(File Ref. No. 10-6490-01) (REDMS No. 7529724)

PWT-17

See Page PWT-17 for full report

Designated Speaker: Sonali Hingorani

STAFF RECOMMENDATION

- (1) *That the extension of the City’s E-Scooter Pilot Project as described in the staff report titled "E-Scooter Pilot Project Update" dated February 21, 2024 from the Director, Transportation, be endorsed; and*
- (2) *That staff advise the Province that the City of Richmond consents to the Electric Kick Scooter Pilot Project taking place within the City, effective April 5, 2024.*



ENGINEERING AND PUBLIC WORKS DIVISION

2. **WATER CONSERVATION RELATED TO SINGLE-PASS COOLING SYSTEMS**

(File Ref. No. 10-6060-01) (REDMS No. 7566529)

PWT-23

See Page PWT-23 for full report

Designated Speaker: Jason Ho and Keith Lam

STAFF RECOMMENDATION

That, as outlined in the staff report titled "Water Conservation Related to Single-Pass Cooling Systems", dated February 27, 2024, from the Director, Engineering, the proposed resident and business engagement strategy for water conservation related to single-pass cooling systems be endorsed.



3. **AWARD OF CONTRACT 8247P – SECURITY GUARD SERVICES**

(File Ref. No. 02-0745-01) (REDMS No. 7521749)

PWT-27

See Page PWT-27 for full report

Designated Speaker: Jeff Lee

STAFF RECOMMENDATION

- (1) *That Contract 8247P – Security Guard Services be awarded to The British Columbia Corps of Commissionaires for a three-year term for an estimated value of \$1,351,000.00, excluding taxes, as described in the report titled "Award of Contract 8247P – Security Guard Services," dated February 12, 2024 from the Director, Facilities and Project Development;*

- (2) *That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to extend the initial three-year term up to the maximum term of five years, for the additional estimated value of \$971,000.00, excluding taxes;*
- (3) *That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to execute the contracts and all related documentation with The British Columbia Corps of Commissionaires; and*
- (4) *That the Consolidated 5 Year Financial Plan (2024-2028) be amended to increase the Engineering and Public Works operating budget by \$272,234.00 funded by the Rate Stabilization Account as detailed in the report titled "Award of Contract 8247P – Security Guard Services," dated February 12, 2024, from the Director, Facilities and Project Development.*



4. **AWARD OF CONTRACT 8274Q – ON-CALL PLUMBING CONTRACTOR SERVICES**

(File Ref. No. 10-6000-01) (REDMS No. 7529360)

PWT-32

[See Page PWT-32 for full report](#)

Designated Speaker: Jeff Lee

STAFF RECOMMENDATION

- (1) *That Contract 8274Q – On-Call Plumbing Contractor Services be awarded to Baza Ventures Inc. (dba PJB Mechanical), Pacific Mechanical Systems Ltd. (dba Kern BSG Management Ltd.) and Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical) for a three-year term for an aggregate value of \$2,020,000.00, excluding taxes, as described in the report titled "Award of Contract 8274Q – On-Call Plumbing Contractor Services," dated February 14, 2024 from the Director, Facilities and Project Development;*

Pg. # ITEM

- (2) *That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to extend the initial three-year term, up to a maximum of five years, for an additional value of \$1,385,000.00 excluding taxes; and*
- (3) *That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to execute the contracts and all related documentation with Baza Ventures Inc. (dba PJB Mechanical), Pacific Mechanical Systems Ltd. (dba Kern BSG Management Ltd.) and Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical) over the five-year term.*

- 5. **SOLID WASTE AND RECYCLING REGULATION BYLAW NO. 6803, AMENDMENT BYLAW NO. 10542**
(File Ref. No. 10-6370-01) (REDMS No. 7566870)

PWT-37

[See Page PWT-37 for full report](#)

Designated Speaker: Kristina Nishi

STAFF RECOMMENDATION

That Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10542 be introduced and given first, second and third readings.

- 6. **MANAGER’S REPORT**

ADJOURNMENT



Public Works and Transportation Committee

Date: Wednesday, February 21, 2024

Place: Council Chambers
Richmond City Hall

Present: Councillor Carol Day, Chair
Councillor Michael Wolfe
Councillor Chak Au
Councillor Kash Heed (by teleconference)
Councillor Alexa Loo

Also Present: Councillor Andy Hobbs
Councillor Bill McNulty

Call to Order: The Chair called the meeting to order at 4:31 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Public Works and Transportation Committee held on December 20, 2023, be adopted as circulated.

CARRIED

DELEGATIONS

1. Nathan Davidowicz provided information on the Alternative 5 Year Transit Capital Plan and Connecting BC: A 10-year vision for public transit throughout BC, referencing his submission (attached to and forming part of these minutes as Schedule 1).

PLANNING AND DEVELOPMENT DIVISION

2. **2024 ACTIVE TRANSPORTATION INITIATIVES**

(File Ref. No. 10-6500-01) (REDMS No. 7527303)

In response to queries from Committee, staff advised that (i) the report provides an overview of the active transportation initiatives planned for 2024 and projects such as the Cycling Network Plan Update are forthcoming for Council consideration, (ii) pedestrian bridges would be included in the ongoing review of prioritizing locations for pedestrian enhancements, (iii) a report addressing safety around schools is forthcoming, and (iv) a map outlining 2023 Active Transportation Highlights and Infrastructure Improvements, including the installation of delineators on bike lanes was provided (attached to and forming part of these minutes as Schedule 2).

It was moved and seconded

That the report titled “2024 Active Transportation Initiatives”, dated January 12, 2024 from the Director, Transportation, be received for information.

CARRIED

3. **HAMILTON AREA TRAFFIC CALMING**

(File Ref. No. 10-6500-01) (REDMS No. 7514752)

In response to queries from Committee, staff advised that (i) the City has implemented a number of traffic calming measures in response to public requests and staff will continue to monitor speeds and assess the effectiveness of the flexible delineators over a six month period, (ii) they are not aware of any immediate plans to relocate the childcare facility and safety concerns will be addressed with the recommended traffic calming measures, (iii) the engagement process included an in-person information session, an online survey posted through the City's Let's Talk Richmond platform and a mail out of the survey to all property owners, (iv) while there is no identified speeding issue, the City has received concerns regarding perceived speeding within the neighbourhood, (v) the speed data does not differentiate between trucks and passenger vehicles and the speed limit is 50 km/h for all vehicles in the area, (vi) they have shared the results of the speed study with the RCMP and will work collaboratively to ensure enforcement, and (vii) they can conduct a one-year follow-up with residents to collect feedback.

It was moved and seconded

(1) *That traffic calming measures outlined in Option 3 for Westminster Highway, as described in the staff report titled “Hamilton Area Traffic Calming”, dated January 12, 2024 from the Director, Transportation, be endorsed;*

Public Works & Transportation Committee
Wednesday, February 21, 2024

- (2) *That speed limits on local roads in Hamilton be reduced from 50 km/h to 30 km/h as described in the staff report titled "Hamilton Area Traffic Calming", dated January 12, 2024 from the Director, Transportation; and*
- (3) *That staff bring forward amendments to Traffic Bylaw No. 5870 to reflect speed limit reductions for local roads in Hamilton.*

CARRIED

ENGINEERING AND PUBLIC WORKS DIVISION

- 4. **SWIFT ECO-WASTE MANAGEMENT INC. SOLID WASTE LICENCE APPLICATION - COMPOSTING FACILITY**
(File Ref. No. 10-6125-07-04) (REDMS No. 7552849)

In response to queries from Committee, staff advised that Metro Vancouver requires the City to complete a Municipal Referral Form, indicating approval or non-approval of the application, and Metro Vancouver primarily works directly with the applicant.

It was moved and seconded

That, as outlined in the staff report titled "Swift Eco-Waste Management Inc. Solid Waste Licence Application - Composting Facility" dated January 24, 2024, from the Director, Sustainability and District Energy, and the Director, Public Works Operations, Metro Vancouver be advised that the City of Richmond does not approve the issuance of a Solid Waste Facility Licence application to Swift Eco-Waste Management Inc., and that the preliminary solid waste and air quality comments be forwarded to Metro Vancouver.

CARRIED

- 5. **MANAGER'S REPORT**

Metro Vancouver Gilbert Road Sewer Upgrade

Staff provided an update on the Metro Vancouver Gilbert Road Sewer Upgrade project, highlighting that the installation of pipes through the intersection of Steveston Highway and Gilbert Road is expected to occur in March through April. City staff are working closely with Metro Vancouver to minimize traffic impacts.

Staff advised that a memorandum summarizing a project update and additional details regarding the 2025 completion date will be provided.

Public Works & Transportation Committee
Wednesday, February 21, 2024

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (5:08 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Public Works and Transportation Committee of the Council of the City of Richmond held on Wednesday, February 21, 2024.

Councillor Carol Day
Chair

Shannon Unrau
Legislative Services Associate

ON TABLE ITEM

Date: Feb 21, 2024
Meeting: PWT
Item: Delegation

**TO: MAYOR & EACH
COUNCILLOR
FROM: CITY CLERK'S OFFICE**

From: CityClerk
Sent: February 20, 2024 10:02 AM
To: MayorandCouncillors
Subject: FW: New 10 yrs Transit Report from CCPA- BC Fed. of Labour

Schedule 1 to the Minutes of the
Public Works and Transportation
Committee meeting held on
Wednesday, February 21, 2024

Categories: - DISTRIBUTED ON TABLE, - TO: MAYOR & EACH COUNCILLOR / FROM: CITY CLERK'S OFFICE

From: Nathan Davidowicz <nathan.davidowicz2@gmail.com>
Sent: February 16, 2024 10:22 AM
To: CityClerk <CityClerk@richmond.ca>
Subject: New 10 yrs Transit Report from CCPA- BC Fed. of Labour

City of Richmond Security Warning: This email was sent from an external source outside the City. Please do not click or open attachments unless you recognize the source of this email and the content is safe.

<https://www.policynote.ca/connecting-bc/>

Please add this new report to PWT on Feb 21, 2024

Thank you
Nathan Davidowicz

PHOTOCOPIED
FEB 20 2024
& DISTRIBUTED



PWT - 9

Connecting BC: A 10-year vision for public transit throughout BC (<https://www.policynote.ca/connecting-bc/>).

By [Marc Lee](https://www.policynote.ca/author/marcllee/)



(<https://www.policynote.ca/connecting-bc/>).

British Columbians deserve to be able to get to where they need to go quickly, conveniently and affordably, no matter where in the province they live. And meeting our climate goals demands modern, sustainable zero-carbon transit—with great service that can offer a compelling alternative to personal cars.

But after years of neglect and privatization, today's transit system is plagued with overcrowding, delays and big gaps in service.

Our current provincial government has made important new transit investments. Now it's time for the next step: a new province-wide vision, uniting local and regional transit into an integrated whole.

Connecting BC (<http://policyalternatives.ca/connecting-bc/>) is a 10-year public transit investment plan for our province that will:

- Make transit affordable, accessible and inclusive.
- Move BC toward sustainable, zero-carbon transit.
- Replace privatization with better services for users and a better deal for transit workers.

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About the author



(<https://www.policynote.ca/author/marcllee/>)

Marc Lee
(<https://www.policynote.ca/author/marcllee/>)

Marc Lee is a Senior Economist at the CCPA's BC Office. In addition to tracking federal and provincial budgets and economic trends, Marc has published on a range of topics from poverty and inequality to globalization and international trade to public services and regulation. Marc is Co-Director of the Climate Justice Project, a research partnership with UBC's School of Community and Regional Planning that examines the links between climate change policies and social justice. [Follow Marc on Twitter](#) (<https://twitter.com/MarcLeeCCPA>).

MORE

- Make riding on transit a great experience.
- Use new transit infrastructure and services to shape BC's growth.
- Ensure the provincial leadership needed to get it right.

The result? Stronger, more vibrant communities. Thousands of well-paying jobs and healthier local economies. And a big step forward toward the goal of a clean BC.

The plan:

- 1. Connect BC communities everywhere through a new province-wide express bus service.** With Greyhound pulling out of BC in 2018, getting around BC by transit can range from impossible to wildly inconvenient, with multiple fares spanning different public and private operators. A province-wide public transit network will improve mobility for people in small towns and rural areas — making it easier to get healthcare and other services, visit family or go on vacation. And stronger transit connections across BC would have a big impact on tourism.
- 2. Double the number of buses in BC Transit local services within five years and triple it within ten,** for more frequent, reliable local transit services in communities throughout BC. With more regular, extensive services that people know they can rely on, ridership will grow over time as people shift their habits. Targeted, customized services including community shuttle services, on-demand rides, car sharing and bike sharing can supplement fixed routes for the “first/last mile” challenges.
- 3. Expand HandyDART service province-wide with an upgraded electric fleet.** Stop contracting with private companies for services and using taxis instead of buses. Instead, expanding HandyDART—including in small towns, rural and Indigenous communities—will bring new minibuses, cars and vans, and new public facilities and maintenance centres to communities across BC.
- 4. Develop new regional rail connections across the South Coast and Vancouver Island along historic rail corridors,** in partnership with First Nations communities along the rail lines. A major investment in regional rail will transform development and travel patterns and facilitate better connections between regions. These investments include:
 - Building on the proven success of the West Coast Express, expanding it from weekday commuter service to regular daily service, and extending the service area to Abbotsford.
 - Repurposing the historic Interurban corridor from Langley to Chilliwack via Abbotsford. Over time, this will reshape development patterns and transportation patterns region-wide, adding denser housing, shops, services and amenities around new transit hubs.
 - Restoring rail service to Prince George via Squamish and Whistler, re-establishing a historical connection into the heart of BC's Interior and boosting Prince George as a transit hub.
 - Restoring the Vancouver Island Rail Corridor for both passenger and freight services.
- 5. Add new passenger ferry options between Vancouver, the Gulf Islands, Sunshine Coast and Vancouver Island.** Just as roads can't infinitely be expanded to accommodate more

Top stories



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(<https://www.policynote.ca/pandemic-recovery-paradox/>)

A paradox in COVID-19 pandemic recovery: Increased precarity of women hotel workers in British Columbia
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Connecting BC: A 10-year vision for public transit throughout BC
(<https://www.policynote.ca/connecting-bc/>)



We deliver timely, progressive commentary on issues that affect British Columbians, including the economy, poverty, inequality, climate change, provincial budgets, taxes, public services, employment and much more.

cars, BC's ferries have been hamstrung by seeing them almost exclusively as car transportation. New passenger ferries will dramatically increase capacity for BC Ferries at much lower cost, while providing a superior passenger experience.

6. **Accelerate TransLink's 10-year Access for Everyone plan for Metro Vancouver.** With more than half of BC's population, Metro Vancouver is a critical hub for economic activity, post-secondary education, research and development, tourism and culture in BC. Rolling out most investments in TransLink's plan over the next five years instead of 10 will help clear congestion and begin shifting housing and other development. And it will set the stage for implementing next-level rapid transit options across the region such as Burrard Inlet Rapid Transit, LRT in Surrey and new routes along Hastings Street and 41st and 49th Avenues in Vancouver.
7. **Expand existing free transit programs to youth aged 13 to 18.** This will help young British Columbians develop the habit of using transit, a crucial cultural change in shifting transportation patterns. Free transit programs should also be expanded to cover people on social assistance who are not already included in the BC Bus Pass program.
8. **Integrate all these transit pieces** into a seamless, coordinated and coherent transit experience—with one-ticket access and synchronized service and information infrastructure so riders can make connections efficiently and reliably across systems and get the updates they need for their whole trip quickly and easily.

Building a cleaner, brighter future for BC communities

Great jobs—the investments in this plan will have a major impact on jobs, creating:

- an average of 16,800 jobs per year in construction of public transit infrastructure projects, such as a new rapid transit bridge across Burrard Inlet, electric bus charging terminals, and multiple bus, rail and ferry terminals and stations.
- an average of 23,700 jobs per year in operations, including drivers, mechanics, maintenance crews and security.

And because the plan will bring thousands of workers who are currently contracted out or working for private transportation companies back under the public umbrella, it will upgrade those jobs with higher wages and better benefits and working conditions.

Stronger, healthier communities: Those effects will ripple through the economy, raising GDP and employment, and there will be wide-ranging social, economic and environmental benefits. By making transit more available in more communities, this plan will help increase affordability. It will reduce travel times for all—including freight and private vehicles—while lowering health care costs and improving air quality.

Smarter growth: BC's expanded transit network will reshape development patterns, orienting them toward transit and increasing density. And it will spur the transition of suburban areas into more complete communities and help revitalize town centres.

A cleaner province: These investments are central to dramatically reducing the one-third of BC's greenhouse gas emissions that come from transportation.

The investment

This plan requires:

- \$15.4 billion over 10 years to improve the frequency, speed and reliability of existing transit and introduce new services to build a province-wide network.
- an accelerated \$6.8 billion in funding already promised by the BC government for transit projects in Metro Vancouver.

By comparison, the BC government spends more than \$4 billion *per year* on transportation capital spending (including roads and transit) alone. There is \$9 billion in highway projects (spanning multiple years) on the BC Budget docket, plus about \$650 million per year for other maintenance and operation of roads and bridges.

Non-transit spending—highways, bridges and tunnels—is fully funded by the BC government. As this plan's transit investment will relieve pressure on that infrastructure, a large portion of the plan could be funded by repurposing some of that budget.

Finally, our plan calls on the BC government to increase its annual subsidy to all transit services in BC from \$350 million today to \$1.5 billion at the end of the plan's 10-year scope.

British Columbia can accomplish a full transformation of public transit and transportation province-wide within one decade. And with it will come greater access to education, healthcare and employment, stronger public sector jobs, lower carbon emissions and healthier British Columbians.

Let's not keep BC riders waiting. It's time to invest in the transit British Columbians deserve.

The [Connecting BC \(http://policyalternatives.ca/connecting-bc\)](http://policyalternatives.ca/connecting-bc) report is co-published with the BC Federation of Labour.

Topics: [Environment, resources & sustainability \(https://www.policynote.ca/topics/environment-resources-sustainability/\)](https://www.policynote.ca/topics/environment-resources-sustainability/), [Public transit \(https://www.policynote.ca/topics/public-transit/\)](https://www.policynote.ca/topics/public-transit/).

You might also like:



(<https://www.policynote.ca/accelerate-investment-in-public-transit/>)

JAN 28, 2019

Accelerate investment in public transit

(<https://www.policynote.ca/accelerate-investment-in-public-transit/>)

MAR 10, 2015

Don't pit generations against each other in transit referendum

(<https://www.policynote.ca/dont-pit-generations-against-each-other-in-transit-referendum/>)



CCPA-BC
520 – 700 West Pender Street
Vancouver, BC V6C 1G8
604-801-5121
ccpabc@policyalternatives.ca

The CCPA-BC is located on unceded Coast Salish territory, including the lands belonging to the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish) and səliłwətaʔt̓/Selilwitulh (Tsleil-Waututh) Nations.

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2023 Active Transportation Highlights
Infrastructure Improvements

- Installation of Garden City Road Delineators (Granville Ave to Sea Island Way)



Garden City Road (Granville Ave-Sea Island Way):
Addition of Delineators between Bike Lane and Vehicle Lane

- Completion of Westminster Hwy Multi-Use Pathway (Smith Crescent to Fraserside Gate)



Westminster Hwy (Smith Cr-Fraserside Gate): Multi-use Path on West Side

- Completion of pedestrian walkway on the north side of Westminster Hwy from Muir Drive to 150 metres east connecting to an existing pedestrian facility.





City of Richmond

Report to Committee

To: Public Works and Transportation Committee
From: Lloyd Bie, P.Eng.
 Director, Transportation
Re: E-Scooter Pilot Project Update

Date: February 21, 2024
File: 10-6490-01/2024-Vol
 01

Staff Recommendation

1. That the extension of the City's E-Scooter Pilot Project as described in the staff report titled "E-Scooter Pilot Project Update" dated February 21, 2024 from the Director, Transportation, be endorsed; and
2. That staff advise the Province that the City of Richmond consents to the Electric Kick Scooter Pilot Project taking place within the City, effective April 5, 2024.

Lloyd Bie, P.Eng.
 Director, Transportation
 (604-276-4131)

Att.1

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Parks Services	<input checked="" type="checkbox"/>	
RCMP	<input checked="" type="checkbox"/>	
Corporate Communications	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

In July 2021, Council endorsed bylaw amendments to enable participation in the three-year Provincial E-Scooter Pilot Project (“the Project”). The provincial government is extending the e-scooter project for another four-year period, effective April 5, 2024. This second phase will assist the Province in determining how e-scooters should be permanently authorized for use in B.C. Staff recommend the City’s continued participation in the Provincial E-Scooter Pilot Project. Council resolution is a requirement for community participation. This report addresses the Provincial requirement.

This report supports Council’s Strategic Plan 2022-2026 Focus Area #2 Strategic and Sustainable Community Growth:

Strategic and sustainable growth that supports long-term community needs and a well-planned and prosperous City.

2.3 Ensure that both built and natural infrastructure supports sustainable development throughout the City.

This report supports Council’s Strategic Plan 2022-2026 Focus Area #6 A Vibrant, Resilient and Active Community:

Vibrant, resilient and active communities supported by a wide variety of opportunities to get involved, build relationships and access resources.

Analysis

Background

The use of e-scooters is gaining popularity across the region, regardless of legal status within a community. The benefit of legalizing e-scooters is the ability to manage the use of these devices within the City.

The City’s E-Scooter Pilot Project began in July 2021 allowing the public to legally ride an e-scooter on streets with cycling facilities and on shared pathways in Richmond. City bylaws were amended to identify the conditions of where and how e-scooter users may operate. These regulations facilitate the management and enforcement of e-scooters in Richmond. The City was one of the first municipalities to participate in the provincial pilot project. Currently, there are 13 pilot project communities. The Province has streamlined the process for participation during the next four-year period to encourage more communities to permit the use of e-scooters.

Shared E-Scooter Program

The City was the first municipality in Metro Vancouver to offer a public shared e-scooter service. In May 2022, Lime launched both e-scooters and e-bikes in Richmond.

The program has been well received by the community. Lime has expanded from 75 to 200 devices (e-scooters and e-bikes) now in service.

The Lime Access program provides discounted rides to eligible riders, including those receiving support from the government who are unemployed. To date, over 500 discounted Lime Access trips have been taken. Outreach to raise awareness of this service is planned in 2024 through community pop-ups and partnerships with the Richmond Recreation Fee Subsidy Program.

Program Monitoring

Ridership

While private e-scooter trip metrics in Richmond are not available, data from the shared e-scooter service demonstrates interest in the community for e-scooters. Since the shared system's deployment, over 107,000 e-scooter trips have been taken, along with 13,000 e-bike rides. Trip data collected from the shared e-scooter service helps to identify the most popular cycling corridors and desire lines (Attachment 1). These devices are providing a new mode of travel for access to community services and transit in City Centre.

A high number of trips start and end near the Canada Line stations. This supports the use of this service for first and last kilometre connection to transit. There is also an equal distribution of weekday and weekend trips, which suggests the shared e-scooter service is being used for both commuter and recreational purposes.

Community Feedback

A Let's Talk Richmond survey from June 12 to July 23, 2023, enabled staff to collect feedback from the public regarding e-scooters. During the survey period, 427 responses were collected.

The majority of respondents indicated:

- Interest and support of this new personal mobility option;
- The convenience of e-scooters as an alternative transport option; and
- Suggestions for expanding the cycling network to support such devices.
- Sidewalk riding and enforcement of e-scooters were the primary concerns respondents had with e-scooters.

Safety and Education Campaigns

Activities to encourage and promote the safe use of e-scooters in compliance with the City's regulations are an integral part of the e-scooter pilot project. Staff regularly post messaging on the City's social media channels to deploy safety and education regarding the use of e-scooters. A blitz campaign is planned for spring 2024, combining social media videos, interspersed with static posts and other communication materials.

Staff continue to collaborate with the Richmond RCMP to educate and inform residents on the safe and lawful operation of e-scooters. Information handouts are distributed on shared pathways, at road side and at community events (Figure 1).

In partnership with HUB Cycling, Lime offers in-person First Ride events. These are interactive sessions to train riders on the safe use and operation of e-scooters. There are thirteen safety and education events planned by Lime in 2024. Lime provides in-app education and safety tips to avoid accidents.



Figure 1: E Scooter Safety Information Card

E-Scooter Safety

Currently, e-scooter collision data is not available from Vancouver Coastal Health (VCH). VCH is in the process of developing data collection and analysis of emergency room visits to Richmond General Hospital to capture e-scooter related incidents. The incident rate for Lime devices since launching in May 2022 is 0.02 per cent (20 incidents for 100,000 e-scooter and e-bike trips). Most incidents resulted in minor scrapes or bruises to the rider that did not require hospital or clinic treatment and one incident required less than 24 hours of medical attention.

During the next phase of the provincial e-scooter project, the Ministry of Transportation and Infrastructure will lead an ongoing safety evaluation, in partnership with ICBC and the BC Injury Research and Prevention Unit (BCIRPU).

E-Scooter Enforcement

Since the launch of the e-scooter pilot project, the Richmond RCMP have issued two tickets for lack of helmet use and two for excessive speeds. To date, the RCMP have been focusing on educating users rather than issuing tickets. Additional updates pertaining to the enforcement efforts related to e-scooter devices can be provided by the Richmond RCMP upon Council's request.

Financial Impact

None.

Conclusion

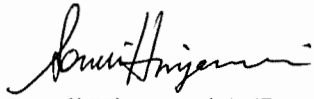
The City's E-Scooter Pilot Project permits the use of both personal and shared e-scooters on select streets and shared pathways in the City. Electrified micro-mobility is growing in popularity, regardless of whether these devices are legal or not. The benefit of continuing in the provincial pilot project is that the use of these devices can be managed through the City's established regulations and enforcement.

The E-Scooter Pilot Project has provided a popular travel option for the community with over 107,000 public shared e-scooter trips taken in Richmond since May 2022. Through monitoring and evaluation, the Project is an opportunity to inform future micro-mobility and active transportation initiatives.

February 21, 2024

- 5 -

Staff recommend continued participation in the Province's four-year extension of the pilot project that supports a low carbon mobility option for Richmond residents, employees and visitors.

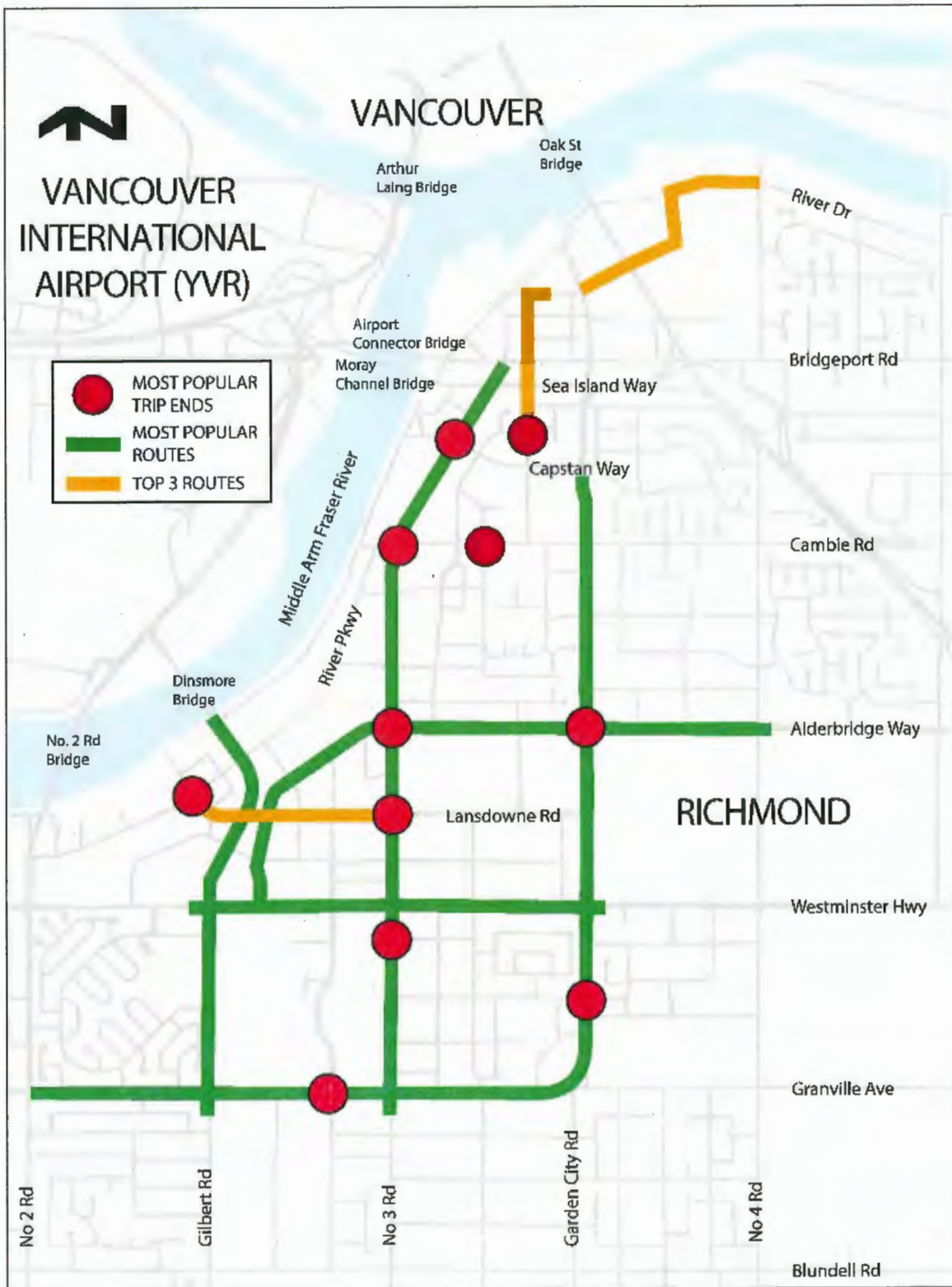


Sonali Hingorani, P.Eng.
Manager, Transportation Planning and New Mobility
(604-276-4049)

SH:ck

Att.1: Shared E-Scooter Trip Data

Shared E-Scooter Trip Data





City of Richmond

Report to Committee

To: Public Works and Transportation Committee **Date:** February 27, 2024
From: Milton Chan, P.Eng.
 Director, Engineering **File:** 10-6060-01/2024-Vol 01
Re: **Water Conservation Related to Single-Pass Cooling Systems**

Staff Recommendation

That, as outlined in the staff report titled "Water Conservation Related to Single-Pass Cooling Systems", dated February 27, 2024, from the Director, Engineering, the proposed resident and business engagement strategy for water conservation related to single-pass cooling systems be endorsed.

Milton Chan, P.Eng.
 Director, Engineering
 (604-276-4377)

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Community Bylaws	<input checked="" type="checkbox"/>	
Building Approvals	<input checked="" type="checkbox"/>	
Sustainability & District Energy	<input checked="" type="checkbox"/>	
Facilities & Project Development	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

The City has experienced significant population growth over the last few decades, which has placed increasing demands on the City's water supply system. To address this, the City has implemented a water conservation program to inform, educate, and encourage residents and businesses to conserve water and reduce water costs. The water conservation program includes water metering, water pressure management, and rain barrel and toilet rebate programs to encourage efficient water usage. Through the City's water conservation program, the City's total water consumption has decreased over the last fifteen years despite an overall increase in population.

The purpose of this report is to seek Council endorsement on the proposed assessment and public engagement for single-pass cooling systems to determine appropriate next steps for addressing single-pass cooling systems in Richmond.

This report supports Council's Strategic Plan 2022-2026 Focus Area #3 A Safe and Prepared Community:

Community safety and preparedness through effective planning, strategic partnerships and proactive programs.

3.4 Ensure civic infrastructure, assets and resources are effectively maintained and continue to meet the needs of the community as it grows.

This report supports Council's Strategic Plan 2022-2026 Focus Area #5 A Leader in Environmental Sustainability:

Leadership in environmental sustainability through innovative, sustainable and proactive solutions that mitigate climate change and other environmental impacts.

5.1 Continue to demonstrate leadership in proactive climate action and environmental sustainability.

5.3 Encourage waste reduction and sustainable choices in the City and community.

Analysis

Single-pass cooling systems provide cooling by having water flow directly through the system and subsequently drained to the City's sanitary sewer or drainage infrastructure. As such, these cooling systems do not efficiently use potable water. A typical medium-size unit uses approximately 1,600 cubic meters of water per year. Examples of these systems include certain coolers, freezers, ice-making machines, air conditioners, heat pumps, hydraulic equipment, welding equipment, and other industrial equipment. In addition, single-pass cooling systems place additional demands on the City's water supply infrastructure, particularly during periods of hot and dry weather when the need for cooling is the greatest.

Less water-intensive alternative cooling systems are available and provide a favourable payback period when compared to the average life cycle of a conventional single-pass system. These alternatives include air-cooled systems, which achieve cooling effects by passing air instead of water through the system, or connecting the equipment to a cooling loop that uses recirculating water. The overall capital and operating cost of these units is usually significantly lower than conventional single-pass systems. A typical medium-size unit can save about \$3,000 per year, achieving a simple payback of approximately 2 to 8 years.

Historically, the City has managed water usage for single-pass cooling systems through the Council-endorsed water metering program. Given the increasing level and duration of drought conditions that have been observed in recent years, additional water conservation initiatives beyond the water metering program are required to manage single-pass cooling systems.

Proposed Resident and Business Engagement Strategy

To better manage the water usage for single-pass cooling systems, staff propose to assess the existing inventory of single-pass cooling systems in the City and develop a public engagement strategy to educate residents and business on the City's water conservation initiatives. As part of the public engagement, staff would liaise with professional and industry associations, engineering firms, and suppliers and manufacturers of cooling systems to better understand the needs of residents and businesses. Should this be endorsed by Council, staff will conduct the single-pass cooling assessment and prepare engagement material for affected residents and businesses. Any potential bylaw amendments to address the use of single-pass cooling systems in Richmond would be presented for Council's consideration as part of a future report. Should additional funding be required to support the single-pass cooling assessment and engagement, staff would bring forward a capital project for Council's consideration as part of the 2025 Capital Budget.

Similar engagement strategies have been carried out by other jurisdictions that currently prohibit the use of single-pass cooling systems, such as the City of Vancouver and Capital Regional District. Vancouver began public engagement in 2012 and retained an engineering consultant in 2015 to proceed with further engagement of business owners, suppliers, manufacturers, service providers, and external government agencies. In 2017, Vancouver adopted bylaw amendments to prohibit non-recirculating water usage. The Capital Regional District began public engagement in 2017 and has since identified the number of existing single-pass cooling systems in the district, while working with residents and business owners to replace these systems. In 2023, the Capital Regional District adopted bylaw amendments to prohibit the use of single-pass cooling systems.

Financial Impact

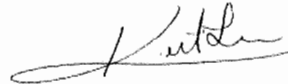
None.

Conclusion

Single-pass cooling systems consume significant amounts of water and the use of these systems does not align with the City's water conservation initiatives. Staff recommend that the existing single-pass cooling systems in the City be reviewed and that engagement material be prepared to inform residents and businesses of alternative cooling methods that are less water-intensive. This will allow the City to better manage water usage for cooling systems, thereby supporting the City's water conservation initiatives and ensuring that Richmond continues to provide a high level of water service to residents and businesses.



Manraj Gill, EIT
Senior Project Manager, Engineering Planning
(604-247-4460)



Keith Lam, P.Eng., PMP
Project Manager, Engineering Planning
(604-204-8516)

KCKL:kckl



To: Public Works and Transportation Committee **Date:** February 12, 2024
From: Martin Younis, B. Eng., M. Eng. **File:** 02-0745-01/2024-Vol 01
Director, Facilities and Project Development
Re: **Award of Contract 8247P – Security Guard Services**

Staff Recommendations

1. That Contract 8247P – Security Guard Services be awarded to The British Columbia Corps of Commissionaires for a three-year term for an estimated value of \$1,351,000.00, excluding taxes, as described in the report titled “Award of Contract 8247P – Security Guard Services,” dated February 12, 2024 from the Director, Facilities and Project Development;
2. That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to extend the initial three-year term up to the maximum term of five years, for the additional estimated value of \$971,000.00, excluding taxes;
3. That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to execute the contracts and all related documentation with The British Columbia Corps of Commissionaires; and
4. That the Consolidated 5 Year Financial Plan (2024-2028) be amended to increase the Engineering and Public Works operating budget by \$272,234.00 funded by the Rate Stabilization Account as detailed in the report titled “Award of Contract 8247P – Security Guard Services,” dated February 12, 2024, from the Director, Facilities and Project Development.

Martin Younis, B. Eng., M. Eng.
Director, Facilities and Project Development
(604-204-8501)

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Finance Department	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS:	APPROVED BY CAO

Staff Report

Origin

The City requires security guard services to provide a 24/7 presence at City Hall and City Hall Annex to ensure the safety of the public, staff and the infrastructure, and to facilitate the customer service experience. Security guard services will also be used at other City locations for events and celebrations as required.

The City's current security guard contract was awarded in 2019 and expires in February 2024. It is necessary to solicit proposals through a public bid process to continue this service. This report summarizes the public tendering process for Contract 8247P and provides a recommendation for the provision of security guard services.

This report supports Council's Strategic Plan 2022-2026 Focus Area #3 A Safe and Prepared Community:

Community safety and preparedness through effective planning, strategic partnerships and proactive programs.

3.3 Ensure the community is collectively prepared for emergencies and potential disasters.

3.4 Ensure civic infrastructure, assets and resources are effectively maintained and continue to meet the needs of the community as it grows.

Analysis

Scope of Work

City Hall and City Hall Annex are the City's main public-facing buildings that facilitate day-to-day Council business. Security guard services are necessary to enable a safe and secure presence during business and non-business hours and to facilitate the City's customer service goals.

Contract 8247P includes the following security guard services at City Hall (interior and exterior patrols) and City Hall Annex (exterior patrols):

- Shift A: 24-hour coverage shifts, 365 days per year
- Shift B*: Additional 5:00 p.m. to 1:00 a.m. shift, Monday to Friday
- Additional security guard services as required for any City location and/or facility

*Bidders were required to provide rates for the evening coverage of Shift B, which is additional when compared to the current contract. Shift A and Shift B will run concurrently and two security / customer service persons may be on site at the same time from 5:00 p.m. to 1:00 a.m. Monday to Friday.

The award of this contract has been evaluated based on this expected level of service, but the award does not obligate the City to that level of service. Service levels will continue to be analyzed on an ongoing basis with recommendations for budgeting brought forward annually for Council consideration.

Procurement Process

Request for Proposals (RFP) 8247P – Security Guard Services was posted to BC Bid on September 12, 2023 and received 14 proposals by the October 10, 2023 closing date. The contract terms are indicated as an initial three-year term, renewable for up to two additional one-year periods to a maximum of five years, upon agreement of both the City and the successful proponent.

Evaluation

The Evaluation Committee was appointed by the City pursuant to the RFP. The Evaluation Committee members each reviewed the proposals received in response to the RFP and met to compare and evaluate the proposals to identify the proposal which the Evaluation Committee judges to be the most advantageous to the City, with reference to the evaluation criteria and weightings set out in the RFP. Proposals were scored and evaluated against pre-determined criteria that included corporate profile, experience and methodology, capacity, resources, team, references and financial proposal. Table 1 provides a summary of the financial proposals received in response to the RFP based on the estimated hours over the maximum five-year contract term and the proposal evaluation score.

Table 1: Financial Summary and Evaluation Scores

Proponent	Estimated total costs for initial Years 1 to 3	Estimated total costs for Years 4 and 5	Estimated total costs over maximum five-year term	Evaluation Score
The British Columbia Corps of Commissionaires	\$1,230,958.00	\$883,458.72	\$2,114,416.72	86.3
Paladin Security Group Ltd.	\$1,158,169.20	\$827,176.08	\$1,985,345.28	81.0
Securiguard Services Ltd.	\$1,059,732.55	\$742,284.08	\$1,802,016.63	77.6
Armour Security and Protection Services Corp.	\$1,110,204.00	\$762,968.00	\$1,873,172.00	75.3
Guardteck Security	\$1,082,518.64	\$767,450.64	\$1,849,969.28	68.1
Garda Canada Security Corporation	\$1,066,596.80	\$755,977.84	\$1,822,574.64	65.2
Fusion Security Inc.	\$1,229,000.96	\$860,823.28	\$2,089,824.24	58.4
Universal Protection Service of Canada Corporation	\$1,015,692.98	\$720,154.99	\$1,735,847.97	56.4
G Force Security Inc.	\$941,949.60	\$676,023.60	\$1,617,973.20	56.3
Logixx Security Inc.	\$971,135.52	\$696,942.32	\$1,668,077.84	51.4
Hilton Security Group Inc.	\$837,214.80	\$592,476.00	\$1,429,690.80	51.4
T.A.B.B. Enterprises Inc.	\$1,109,286.00	\$799,904.00	\$1,909,190.00	39.9
Guardsmark Security	\$1,864,320.00	\$1,402,624.00	\$3,266,944.00	35.3
Ampere Security Ltd.*	n/a	n/a	n/a	Non-compliant

*The proposal received from Ampere Security Ltd. was determined to be incomplete and not evaluated.

Following evaluation of all the proposals, it was identified that The British Columbia Corps of Commissionaires (BC Commissionaires) submitted the most advantageous proposal:

- Recruitment prioritizes employment to former municipal police, firefighters, ambulance attendants and first responders;
- Focused on staff retention resulting in consistent staffing and higher continuity of service delivery;
- More advantageous compared to the other submissions as their proposal included a five-stage transition plan;
- Identified direct client services point of contact and management team for escalated communication needs;
- Hilton Security Group Inc. did have a more favourable estimated price, however their submission was not as strong as BC Commissionaires in every other scored category; and
- BC Commissionaires' work plan showcased a better understanding of the security service requirements beyond people and property in relation to the expected deliverables of the contract.

Award Recommendation

BC Commissionaires are:

- A not-for-profit organization established in 1927 with the original mandate of creating meaningful employment for former military and RCMP members;
- Their training programs are sound and they demonstrated considerable effort towards employee retention, enabled through specific corporate policies; and
- Offering at the minimum, equivalent or greater than the living wage established by the Living Wage for Families Campaign.

They have the skills, capacity, experience and corporate profile required to provide excellent service. The leading security solutions provider is comprised of a well-trained, diverse team of over 1,150 employees servicing 110 communities in BC. There are more than 50 offices across Canada, with their head office located in downtown Vancouver. Their service delivery is facilitated by a 24/7 operations centre and the use of the latest technology for reporting, performance monitoring, GPS locating and several other security-related systems. BC Commissionaires has considerable experience working with similar public sector organizations within the lower mainland.

Hourly rates will be fixed for the initial three-year term of the contract. After the initial term, hourly rates will remain fixed for each one year renewal term.

The total cost for the contract is based on the City's estimated level of service needs for security services for the total term of the contract. A contingency allowance of approximately 10 per cent has been added to their proposal as summarized in Table 2 to allow for unforeseen events.

Table 2: Estimated value of contract

Years 1 to 3	\$1,230,958.00
Contingency	\$120,000.00
Rounded Total – Years 1 to 3	\$1,351,000.00
Years 4 and 5	\$883,458.72
Contingency	\$88,000.00
Rounded Total – Maximum 5-Year Term	\$2,322,000.00

Financial Impact

Should Council approve the award of contract for security guard services, the estimated annual amount for the initial three-year service term is \$450,334.00 per year, including contingency. In order to meet the growing security requirements in light of increased security challenges, the yearly cost is over and above the approved annual operating budget for Contracts Security in the Facility Services department of \$178,100.00.

Additional funding is proposed to come from the Rate Stabilization Account for the 2024 budget year in the amount of \$272,234.00 for this contract including an additional evening shift. If approved, the Consolidated 5 Year Financial Plan (2024-2028) will be amended accordingly. In order to ensure proper expenditure authority is in place, budget will temporarily be borrowed from within the Engineering and Public Works operating budget to ensure overall expenditures are not exceeded. The contract increase will be considered as an additional level request for the subsequent year’s budget process in 2025 and following years, including whether to continue with the additional Shift B evening shift.

Conclusion

Staff recommend that Contract 8247P – Security Guard Services be awarded to The British Columbia Corps of Commissionaires, as they represent best value to the City. The initial contract term would be for a period of three years with the possibility to extend for two additional one-year terms, to a maximum of five years upon mutual agreement and satisfactory performance. This is for an estimated total value of \$2,322,000.00.



Jeff Lee
 Manager, Facility Services
 (604-276-4027)



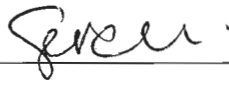


To: Public Works and Transportation Committee **Date:** February 14, 2024
From: Martin Younis, B. Eng., M. Eng. **File:** 10-6000-01/2024-Vol 01
Director, Facilities and Project Development
Re: **Award of Contract 8274Q – On-Call Plumbing Contractor Services**

Staff Recommendations

1. That Contract 8274Q – On-Call Plumbing Contractor Services be awarded to Baza Ventures Inc. (dba PJB Mechanical), Pacific Mechanical Systems Ltd. (dba Kern BSG Management Ltd.) and Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical) for a three-year term for an aggregate value of \$2,020,000.00, excluding taxes, as described in the report titled "Award of Contract 8274Q – On-Call Plumbing Contractor Services," dated February 14, 2024 from the Director, Facilities and Project Development;
2. That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to extend the initial three-year term, up to a maximum of five years, for an additional value of \$1,385,000.00 excluding taxes; and
3. That the Chief Administrative Officer and General Manager, Engineering and Public Works be authorized to execute the contracts and all related documentation with Baza Ventures Inc. (dba PJB Mechanical), Pacific Mechanical Systems Ltd. (dba Kern BSG Management Ltd.) and Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical) over the five-year term.

Martin Younis, B. Eng., M. Eng.
Director, Facilities and Project Development
(604-204-8501)

REPORT CONCURRENCE		
ROUTED TO: Finance Department	CONCURRENCE <input checked="" type="checkbox"/>	CONCURRENCE OF GENERAL MANAGER 
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO 

Staff Report

Origin

There are 168 City-owned buildings of which there are a variety of essential plumbing systems that require inspection, repair and preventative maintenance. City staff perform diagnostics and minor repairs to plumbing equipment and systems arising from service requests. The City requires external plumbing contractors to provide on-call repair, preventative maintenance and retrofitting services. Emergency response and maintenance are essential to the safe and efficient operation of the City's facilities and contribute to ensuring the City's civic infrastructure, assets and resources are effectively maintained to meet the needs of the community.

The City's current On-Call Plumbing Contractor contract 6511Q is due to expire on March 1, 2024. The City requires a roster of qualified and capable contractors to be available for emergency response and day-to-day service requirements. This report supports Council's Strategic Plan 2022-2026 Focus Area #2 Strategic and Sustainable Community Growth:

Strategic and sustainable growth that supports long-term community needs and a well-planned and prosperous city.

2.3 Ensure that both built and natural infrastructure supports sustainable development throughout the city.

This report supports Council's Strategic Plan 2022-2026 Focus Area #3 A Safe and Prepared Community:

Community safety and preparedness through effective planning, strategic partnerships and proactive programs.

3.4 Ensure civic infrastructure, assets and resources are effectively maintained and continue to meet the needs of the community as it grows.

This report supports Council's Strategic Plan 2022-2026 Focus Area #4 Responsible Financial Management and Governance:

Responsible financial management and efficient use of public resources to meet the needs of the community.

4.3 Foster community trust through open, transparent and accountable budgeting practices and processes.

Procurement Process

The City posted a Request for Quotation (RFQ) 8274Q On-Call Plumbing Contractor Services to BC Bid on June 16, 2023 and closed on December 13, 2023.

The purpose of the procurement process was to invite responses from qualified and capable plumbing contractors who would provide competitive billable rates over a maximum five-year term. The objective was to identify up to three qualified plumbing contractors who will be able to respond to frequent service requests from the City. The contract term described in the RFQ was for a three-year initial term, with an option to renew for two additional one-year terms.

Bidders were requested to propose hourly rates for on-call emergency repairs, scheduled servicing and maintenance of various plumbing systems as required.

Eleven submissions were received by the closing date from the following respondents:

- Baza Ventures Inc. (dba PJB Mechanical)
- Pacific Mechanical Ltd. (dba Kern BSG Management Ltd.)
- Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical)
- Entity Mechanical Ltd.
- Blueshore Mechanical Ltd.
- Ashton Mechanical Ltd.
- Lambert Plumbing Heating & Air
- J8 Plumbing & Heating Inc.
- High Mark Mechanical Services Ltd.
- Clearly Plumbing and Drainage Ltd.
- First District Mechanical

Review Process

The RFQ clearly stated that quotations would be reviewed to determine the overall best value to the City, with the greatest emphasis being on price. Staff therefore reviewed each contractor's proposed hourly rates, as well as their experience, capacity, systems, customer service, mark up on parts and sustainability.

Table 1 provides a summary of the financial quotations received. The financial proposals were based on each bidder's proposed hourly rates over the initial three-year contract and estimated hours based on historical data.

Table 1: Summary of Financial Proposals for the Initial Three-Year Contract

Company	Financial Proposal
Baza Ventures Inc. (dba PJB Mechanical)	\$1,505,058.00
Pacific Mechanical Ltd. (dba Kern BSG Management Ltd.)	\$1,523,664.00
Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical)	\$1,582,128.00
Entity Mechanical Ltd.	\$1,598,088.00
Blueshore Mechanical Ltd.	\$1,610,730.00
Ashton Mechanical Ltd.	\$1,849,080.00
Lambert Plumbing Heating & Air	\$1,949,040.00
J8 Plumbing & Heating Inc.	\$2,002,800.00
High Mark Mechanical Services Ltd.	\$2,042,427.00
Clearly Plumbing and Drainage Ltd.	Disqualified
First District Mechanical	Disqualified

Although 11 bids were received, the submission received from Clearly Plumbing and Drainage Ltd. was disqualified as they had an insufficient number of Red Seal Journeymen on staff. The submission received from First District Mechanical was also disqualified as they have not been in business for the minimum length of time specified in the RFQ.

Bidders were also required to propose hourly rates for Years 4 and 5 of the contract. Table 2 provides a summary of the financial proposals received from the three recommended bidders for Years 4 and 5.

Table 2: Summary of Recommended Bidders' Financial Proposals for Years 4 and 5

Company	Financial Proposal Year 4	Financial Proposal Year 5
Baza Ventures Inc. (dba PJB Mechanical)	\$508,427.00	\$515,423.50
Pacific Mechanical Ltd. (dba Kern BSG Management Ltd.)	\$520,292.00	\$529,595.00
Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical)	\$541,994.80	\$551,211.00

As a result of the review undertaken by staff, the submissions received from Baza Ventures Inc. (dba PJB Mechanical), Pacific Mechanical Systems Ltd. (dba Kern BSG Management Ltd.) and Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical) were determined to offer best value to the City.

Hourly rates will be fixed for the initial term of the contract and will increase in Years 4 and 5 of the contract. A contingency of 25 per cent has been included to account for continued cost escalation, unplanned emergency repairs related to the City's ageing infrastructure and to allow for future additional buildings that may fall under the City's responsibility.

Forecasted Expenditures

Tables 3 and 4 provide a summary of forecasted expenditures over the initial three years of the contract and anticipated expenditures for Years 4 and 5 should the City extend the contracts with the recommended respondents.

Table 3: Total Three-Year Term Cost

2024-2025	\$540,000.00
2025-2026	\$540,000.00
<u>2026-2027</u>	<u>\$540,000.00</u>
<u>Contingency</u>	<u>\$400,000.00</u>
Total (3 Years)	\$2,020,000.00

Table 4: Contract Extension for Two Additional Years

2027-2028	\$550,000.00
<u>2028-2029</u>	<u>\$560,000.00</u>
<u>Contingency</u>	<u>\$275,000.00</u>
Total (2 Years)	\$1,385,000.00

Financial Impact

None. Funding is available within the City’s Operating Budget and the Consolidated 5 Year Financial Plan (2024-2028).

Conclusion

Staff recommend that Contract 8274Q - On-Call Plumbing Contractor Services be awarded to Baza Ventures Inc. (dba PJB Mechanical), Pacific Mechanical Systems Ltd. (dba Kern BSG Management Ltd.) and Cobing Building Solutions Ltd. (dba C&C Electrical Mechanical) for a three-year term for an aggregate value of \$2,020,000.00 excluding taxes. The contracts are for an initial three-year term with the option to extend the contracts for two additional one-year terms for an estimated total value of \$3,405,000.00.

Jeff Lee
Manager, Facility Services
(604-276-4027)

JL:cc



City of Richmond

Report to Committee

To: Public Works and Transportation Committee **Date:** February 14, 2024
From: Suzanne Bycraft
Director, Public Works Operations **File:** 10-6370-01/2024-Vol 01
Re: **Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10542**

Staff Recommendation

That Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10542 be introduced and given first, second and third readings.

Suzanne Bycraft
Director, Public Works Operations
(604-233-3338)

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Law	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS:	APPROVED BY CAO

Staff Report

Origin

At the October 23, 2023 meeting, Council approved concluding the Commercial Recycling and Garbage Pilot Program (the Pilot) and making the appropriate amendments to *Solid Waste and Recycling Regulation Bylaw No. 6803* as part of the recommendations resulting from the Commercial Recycling Services Review.

This report presents the administrative amendments necessary to conclude the Pilot by removing applicable provisions from the Solid Waste and Recycling Regulation Bylaw No. 6803.

This report supports Council's Strategic Plan 2022-2026 Focus Area #5 A Leader in Environmental Sustainability:

5.1 Continue to demonstrate leadership in proactive climate action and environmental sustainability.

Analysis

In 2015, the City launched the Commercial Garbage and Recycling Collection Pilot Program which as of December 2023, had 54 commercial customers subscribed for garbage and recycling service utilizing cart collection. No additional commercial customers have been added to the pilot since engaging and completing the Commercial Recycling Services Review and receiving Council approval for the Business Education and Advisory Pilot Program in October 2023.

The attached Amendment Bylaw No. 10542 incorporates the changes required to conclude the Commercial Recycling and Garbage Pilot Program. If approved, these amendments will be effective April 1, 2024. Specific amendments include:

1. removal of the authority to provide commercial customers with garbage and green cart service; and
2. the removal of applicable fees from Schedules A and B.

Communication with Customers

Participating commercial customers were notified at the beginning of 2024 that the Pilot would be concluding and were further offered to participate in the newly approved Business Education and Advisory Pilot Program set to launch March 2024.

As per the staff report titled "Commercial Recycling Services Review" dated September 12, 2023, the City is now transitioning from providing commercial garbage and recycling collection service, to providing hands-on support for businesses through the development and implementation of a Business Education and Advisory Program, on a pilot basis. This program will provide at no cost to business, a one-on-one education and support advisory program tailored to each business' needs to help them better understand their waste streams and determine which options work best for their operations.

February 14, 2024

- 3 -

Through this transition, staff will continue to work with each commercial customer to ensure a seamless shift of service to their new private garbage and recycling service provider, regardless of whether they opt to take part in the new Business Education and Advisory Pilot Program.

Financial Impact

None.

Conclusion

This report presents amendments to Solid Waste and Recycling Regulation Bylaw No. 6803 which are necessary to implement the changes approved by Council to conclude the Commercial Garbage and Recycling Pilot Program.



Kristina Nishi
Manager Recycling and Waste Recovery
(604-244-1280)

KN:ch



**Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment
Bylaw No. 10542**

The Council of the City of Richmond enacts as follows:

1. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting Section 1.3.5 in its entirety.
2. The **Solid Waste and Recycling Regulation Bylaw. 6803**, as amended, is further amended by deleting Schedule A and Schedule B and substituting Schedule A attached to and forming part of this Bylaw. For greater certainty, any reference to Schedule B in the Solid Waste and Recycling Regulation Bylaw. 6803 shall be interpreted as part reference to Schedule A of this Bylaw.
3. This Bylaw is cited as **“Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment No. 10542”**.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept.
KN
APPROVED for legality by Solicitor
LB

MAYOR

CORPORATE OFFICER

SCHEDULE A TO BYLAW NO. 10542**BYLAW YEAR: 2024****SCHEDULE A to BYLAW NO. 6803**

FEES FOR CITY GARBAGE COLLECTION SERVICE	
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 80L container	\$ 85.56
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 80L container	\$ 102.67
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 120L container	\$ 115.83
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 120L container	\$ 139.00
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 240L container	\$ 146.67
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 240L container	\$ 176.00
Annual City garbage collection service fee for each unit in a single-family dwelling, each unit in a duplex dwelling, and each unit in a townhouse development: 360L container	\$ 275.56
Annual City garbage collection service fee for each unit in a townhouse development with weekly collection service: 360L container	\$ 330.67
Annual City garbage collection service fee for each unit in a multi-family dwelling	
- Weekly service	\$ 53.89
- Twice per week service	\$ 94.44
Fee for garbage cart replacement	\$ 25.00
Fee for each excess garbage container tag	\$ 2.00
Large Item Pick Up fee	\$ 22.78
Non-compliant large item collection fee	\$ 75.00

SCHEDULE B to BYLAW NO. 6803

FEEES FOR CITY RECYCLING SERVICE	
Annual City recycling service fee:	
(a) For residential properties, which receive blue box service (per unit)	\$ 77.00
(b) For multi-family dwellings or townhouse developments which receive centralized collection service (per unit)	\$ 61.56
Annual City recycling service fee:	
(a) For yard and garden trimmings and food waste from single-family dwellings and from each unit in a duplex dwelling (per unit)	\$ 183.56
(b) For yard and garden trimmings and food waste from townhome dwellings that receive City garbage or blue box service (per unit)	\$ 74.44
(c) For yard and garden trimmings and food waste from multi-family dwellings	
- Weekly Service	\$ 56.67
- Twice per week service	\$ 76.94
Cardboard bin recycling service for multi-family dwellings, collected once every 2 weeks	\$ 70.00/bin/month
Cardboard bin recycling service for multi-family dwellings, collected weekly	\$ 80.00/bin/month
Fee for yard/food waste cart replacement	\$ 25.00
Annual City recycling service fee for non-residential properties	\$ 7.84
City recycling service fee for the Recycling Depot:	
	\$25.00 per cubic yard for the second and each subsequent cubic yard
(a) (i) for yard and garden trimmings from residential properties	\$ 0.00
(ii) for recyclable material from residential properties	\$ 0.00
(b) For yard and garden trimmings from non-residential properties	\$25.00 per cubic yard
(c) For recycling materials from non-residential properties	\$ 0.00
(d) For upholstered furniture from residential properties	
(i) office/dining chair, ottoman, bench	\$ 0.00
(ii) arm chair, loveseat, couch, recliner, chaise	\$ 0.00
(iii) sectional, sofabed, reclining loveseat/couch, massage chair	\$ 0.00
(e) For upholstered furniture from non-residential properties	
(i) office/dining chair, ottoman, bench	\$ 20.00
(ii) arm chair, loveseat, couch, recliner, chaise	\$ 35.00
(iii) sectional, sofabed, reclining loveseat/couch, massage chair	\$ 50.00