



INTERNAL MEMORANDUM- INITIAL INTERNAL MEMORANDUM AMENDMENT

Initial Internal Memorandum Amendment to Purchase Parking Access Revenue Control System (PARCS) Gated Equipment and Services from Scheidt and Bachmann for CP 221-Simcoe

Date: April 19, 2024

To: Scott Collier, President, Toronto Parking Authority

From: Jarrett McDonald, Vice President, Operations, Toronto Parking Authority

RECOMMENDATIONS

The Vice President, Operations, Toronto Parking Authority recommends that:

The President, Toronto Parking Authority grant authority to amend existing internal memorandum award for purchase of PARCS gated equipment and services at the upcoming municipal Carpark 221 (234 Simcoe) to Scheidt and Bachmann having met all specifications in conformance with the non-competitive request for proposal in the total amount of \$460,262.05 excluding HST, including \$454,906.88 in base scope, and \$5,355.17 as a contingency allowance.

FINANCIAL IMPACT

The amount to award the contact is \$ 454,906.88 excluding HST, including \$ 454,906.88 in base scope, and \$5,355.17 as a contingency allowance.

The combined total amount of the additional purchase of PARCS equipment and services is \$53,551.73 plus \$5,355.17 as a contingency allowance, bring the sum amount of \$58,906.90 excluding taxes and charges.

Funds for this purchase is included in the JV CP 221 121 St. Patrick St. Capital Budget.

CALL SUMMARY

On December 22, 2023, an internal memorandum was issued to award the Simcoe PARCS to Scheidt and Bachmann in the amount of \$401,355.15 excluding taxes and charges and including contingency allowance.

From January to March 2024, various site revisits, building developer discussions and recommendations from Scheidt and Bachmann have determined additional technology that would need to be procured and deleted from originally quoted equipment items.

Reasons for the amendment request include:

1. Increased costs due to inflation for overhead doors order and installation that are subcontracted work.
2. Additional provision and installation of parking equipment technology such as digital vehicle information signage, license plate recognition system, Green P app and PARCS integration project, COMMEND intercom licenses and condominium parking access gates.
3. Deletion of other scope of work due to re-confirmation of building base scope such as provision and installation of bollards, additional conduit, and cabling installation.

A summary of the updated project costs can be seen in Table 1, with Scheidt and Bachmann detailed breakdown of additional costs included as an Appendix.

Table 1- Breakdown of updated costs for PARCS equipment purchase for CP 221- Simcoe:

Item	No. Proponent Amount	Amount (Excluding HST)
1	Base scope of work submitted December 2023	\$ 401,355.15
2	Increase/Deletion in costs due to: i) Overhead Doors ii) Additional Technology (Digital Signage, LPR, Green P app integration) iii) Bollards, Conduit and Cabling Installation	\$53,551.73
3	Updated project base scope	\$454,906.88
4	Contingency (10% of difference in initial approved total pricing)	\$5,355.17
5	Total project cost	\$460,262.05

Based upon TPA's evaluation of the tender package and updated pricing received from Scheidt and Bachmann, it is recommended that the initial internal memo for the PARCS equipment purchase at Simcoe – CP 221 to be awarded to Scheidt and Bachmann.

CONTACTS

Faiyaz Patel, Director, Parking Development, Toronto Parking Authority, 437.777.6234,
Faiyaz.Patel@greenpmobility.com

Jarrett McDonald, Vice-President, Operations, Toronto Parking Authority, 437.
833.3363, Jarrett.McDonald@greenpmobility.com

SIGNATURE



Scott Collier,
President, Toronto Parking Authority

ATTACHMENTS

Attachment 1- Revised Schedule B- Pricing Form with notes regarding changes in costs.

Attachment 2- Quotation of final equipment list with breakdown of costs provided by Scheidt and Bachmann

				SCHEIN AND BACHMANN			
Item	Description of Work	Quantity		Unit Rate	Total Amount	New Quote	Comments
1	Minumum PARC Equipment Requirements						
1.A	Public Parking Entry Station and Gate	2	Entries	\$ 19,561.38 /Entry	\$ 39,122.76	\$ 37,684.96	Reduced Price
1.B	Public Parking Exit Station and Gate	2	Exits	\$ 25,637.78 /Exit	\$ 51,275.56	\$ 45,747.56	Reduced Price
1.C	Pay on Foot Station (Cash and Card Payment)	1	Station	\$ 38,920.00 /Station	\$ 38,920.00	\$ 36,796.00	Reduced Price
1.D	Pay on Foot Station (Card Payment Only)	1	Station	\$ 22,238.00 /Station	\$ 22,238.00	\$ 19,827.00	Reduced Price
1.E	Reserved Entry Equipment (For Condo Tenants)*	1	Entry	\$ 8,256.44 /Entry	\$ 8,256.44	\$ 6,573.00	Reduced Price
1.F	Reserved Exit Equipment (For Condo Tenants)*	1	Exit	\$ 8,256.44 /Exit	\$ 8,256.44	\$ 6,573.00	Reduced Price
1.G	CCTV Camera (Axis P3265) and cabling supply and installation for the exit lanes and pay on foot stations	4	Locations	\$ 2,520.00 /Location	\$ 10,080.00	\$ 12,700.80	Increase in Price from supplier
1.H	Car Guidance System (Parking Stall Sensors, Car Count) with 2 Digital Signs	1	LS	\$ 38,772.68 LS	\$ 38,772.68	\$ 17,950.00	Reduced Price; different type of signage
1.I	Pedestrian Access Control System (restricting access to garage at X locations, including conduit and cabling)	2	LS	\$ 21,179.00 LS	\$ 21,179.00	\$ 13,146.00	Reduced Price; different type of control system
1.J	Training for TPA SOC agents, technicians, and IT team	1	LS	\$ 1,632.00 LS	\$ 1,632.00	\$ 3,000.00	Increase in Price; Additional Training Requested
1.K	Supply and Installation of Fixed Bollards	20	Locations	\$ 2,900.00 /Location	\$ 11,600.00	\$ -	Deleted; Building will provide
1.M	Parking Backend Software Licensing Fees	1	LS	\$ 42,871.00 /LS	\$ 42,871.00	\$ 30,848.00	Reduced in Price; TPA IT will procure hardware
1.N	Common Entry and Exit Lanes Overhead Doors	1	Location	\$ 51,306.44 /Location	\$ 51,306.44	\$ 69,864.00	Increase in Price from supplier
ADD ONS							
2.A	CCTV Camera (Axis P3265) and cabling supply and installation for the pedestrian control	2	Locations	\$ 2,552.00 /Location	\$ 5,104.00		
2.A	Cut and Chip/ Power to Entry and Exit Machines Intercom Premium for supply and installation of saw cut and seal loops in lieu of pre-fabricated loops assumed in base scope for item 1.A	1	LS	\$ - LS			
2.C	Premium for supply and installation of overhead doors	1	LS	\$ - LS	\$ -		
2.D	Premium for supply and installation of pedestrian control system	1	LS	\$ - LS	\$ -		
2.E	Premium for supply and installation of digital signs	1	LS	\$ - LS	\$ -		
2.F	Premium for supply and installation of cameras	1	LS	\$ - LS	\$ -		
	Nested Gate Arm and Machine			\$ 7,127.00	\$ 14,254.00		
	Shipping Costs						
	Site Implementation, Project Management, Onsite Commissioning						
BASE BID TOTAL					\$ 364,868.32		

Item	Description of Work	Quantity		Unit Rate		Total Amount	New Quote	Comments	
2	Discount (Hardware/Installation/New Client)								
	Optional Items – General								
3	Optional Items – IT Onboarding								
3.A	Onboarding API Access (Initial Site)	1	LS		LS	\$ -			
3.B	Onboarding API Access (Each Additional Site)	1	LS						
3.C	Onboarding Hosting in Third Party Servers (Initial Site)	1	LS	\$ 3,937.00	LS	\$ 3,937.00			
3.D	Onboarding Hosting in Third Party Servers (Each Additional Site)	1	LS	\$ 3,937.00	LS	\$ 3,937.00			
4	Optional Items – Subscription Costs								
	4.A API Access Fixed Annual Costs	1	LS	\$ -	LS/Year	\$ -			
	4.B API Access Variable Annual Costs	1	LS	\$ -	LS	\$ -			
	4.C Third Party Server Hosting Fixed Annual Costs	1	LS	\$ 2,424.00	LS/Year	\$ 2,424.00			
	4.D Third Party Server Hosting Variable Annual Costs	1	LS	\$ -	LS	\$ -			
	4.E Annual Support Cost (Initial Site)	1	LS	\$ 2,955.00	LS	\$ 2,955.00			
	4.F Annual Support Cost (Each Additional Site)	1	LS		LS/Additional Site	\$ -			
	4.G Flash Monthly SaaS Fees (Annualized)								
5	Optional Items – Vendor Recommendations								
	Freight						\$ 7,324.00	New Item	
	Passport API						\$ 9,066.00	New Item	
	Project Management						\$ 74,904.00	New Item	
	Sign						\$ 36,030.00	New Item	
	Intercom						\$ 2,847.00	New Item; Licenses	
	Nested Gate Arm and Machine						\$ 4,227.00	New Item	
	License Plate Recognition						\$ 15,572.00	New Item	
	OHD Intercom and CCTV Cameras								
	CCTV Cameras for Nested Areas								
	Individual Parking Sensors								
	Card Payment at Entry								
	Vendor Mobile Application Fees			\$ 7,810.00		\$ 7,810.00		Opted Out	
					*Total Identified above should NOT include H.S.T.				
					*Total Fixed Fee should correspond to amount in Submission Form 1 – Proposal Agreement.				
				* If you need to make any assumptions on the above, please specify those assumptions clearly.					
				* You may provide alternative pricing in addition to the above table if you choose, as an additional attachment to this submission.					
				* If you are unable to provide APIs for integration of each of the above, please justify clearly.					
				* You can use negative (–) pricing for items where your costs would reduce when (and if) TPA takes over server hosting costs.					

234 Simcoe Street

Contact: Tanya Kuijer

Phone: 289-541-6920

Quote:

TPA CP 221 - 234 Simcoe

Date:

03.26.2024

Email: kuijer.tanya@scheidt-bachmann-usa.com

Customer:

Toronto Parking Authority

CP 221 - 234 Simcoe Street

Toronto, Ontario

Contact: Christine Balde

Item	QTY	Unit Price	Total
------	-----	------------	-------

Equipment

entervo.entry	2	\$	11,963.48	\$	23,926.96
BKV40 XL Print / Read					
2nd Ticket Stack (totalling 8,000)					
QR Code Front Scanner					
Elatec Reader					
Commend ET908HMI Intercom					
5-port Switch					
Module door contact Switch					
Elka Barrier Gate with 84" folding arm	2	\$	3,937.00	\$	7,874.00
LED Strip	2	\$	290.00	\$	580.00
LPR Software					
Arming and Reset Loops	4	\$	1,326.00	\$	5,304.00
Total Cost				\$	37,684.96

Equipment

entervo.exit	2	\$	13,808.00	\$	27,616.00
Contract Parking					
BKV40 XL Print / Read					
QR Code Front Scanner					
Receipt Printer					

Commend ET908HMI					
Contactless NFC Reader	2	\$	2,186.78	\$	4,373.56
Door contact switch					
Pedestal Extension Set					
Elka Barrier Gate with 84" Folding Arm	2	\$	3,937.00	\$	7,874.00
LED Strip	2	\$	290.00	\$	580.00
LPR Software					
Arming and Reset Loops	4	\$	1,326.00	\$	5,304.00
Total Cost				\$	45,747.56

Lot Full Signage					
PARKING AVAILABLE/LOT FULL - Double Sided	1	\$	11,770.00	\$	11,770.00
PARKING AVAILABLE/LOT FULL - Single Sided	1	\$	6,180.00	\$	6,180.00
Total Cost				\$	17,950.00

Equipment					
Common Area Overhead door	1	\$	65,520.00	\$	65,520.00
<i>Pull power from electrical panel to OH door controller and terminate</i>	1	\$	4,344.00	\$	4,344.00
Total Cost:				\$	69,864.00

Equipment					
entervo.lane Key XL	2	\$	6,573.00	\$	13,146.00
QR Code Front Scanner					
Elatec Reader					
Commend ET908HMI Intercom					
Elka Barrier Gate with 84" folding arm	2	\$	3,937.00	\$	7,874.00
LED Strip for 10' Straight Arm	2	\$	290.00	\$	580.00
Total Cost				\$	21,600.00
Equipment					
entervo.keyXL - pedestrian Doors	2	\$	6,573.00	\$	13,146.00

QR Code Front Scanner					
Elatec Reader					
Wall Mount					
Commend Intercom					
Total Cost				\$	13,146.00
Equipment					
Entervo.Pay	1	\$	34,609.00	\$	34,609.00
BKV40 XL Print / Read					
2nd stack of tickets (8,000)					
QR Code Front Scanner					
Receipt Printer					
4 Refilling coin hoppers w/ processing					
Bill to Bill Processing for Bank Notes					
Illuminated Top					
Commend ET908HMI					
All in One Contact / Contactless Credit Card					
Reader	1	\$	2,186.78	\$	2,186.78
Door contact switch					
Base					
Total Cost				\$	36,795.78
Equipment					
Entervo.Pay Cashless	1	\$	17,640.00	\$	17,640.00
BKV40 XL Print / Read					
2nd stack of tickets (8,000)					
QR Code Front Scanner					
Receipt Printer					
Commend ET908HMI					
Reader	1	\$	2,186.78	\$	2,186.78
Door contact switch					
Total Cost				\$	19,826.78
Equipment					
Commend Intercom - Virtuosis Licenses	1	\$	2,847.00	\$	2,847.00

*C-L-SIS-IP-2B - Licence VirtuoSIS, 2
additional B-subscriber ports*

*C-L-SIS-IP 8B - License for 8 Subscribers,
Feature Level B*

*** 10 ET-908 HMI required to connect to TPA Virtuosis**

Total Cost **\$ 2,847.00**

Equipment

CCTV AXIS P3265-V	4	\$	3,175.20	\$	12,700.80
--------------------------	---	----	----------	----	-----------

*(2) Lane Exit Axis P3265-V Cameras including
conduit and Cat6 cabling (Supply and Install) -
Ceiling Mount*

*(2) Pay Station cameras are to be ceiling
mounted*

Installation is included. Conduit is extra

Total Cost **\$ 12,700.80**

Entervo.Core	1	\$	21,370.00	\$	21,370.00
---------------------	---	----	-----------	----	-----------

<i>Virtual POS for e-validations</i>	1	\$	9,478.00	\$	9,478.00
--------------------------------------	---	----	----------	----	----------

<i>Dell WS Hardware</i>	0	Provided by City			
-------------------------	---	------------------	--	--	--

<i>Dell R250 Server on-prem</i>	0	Provided by City			
---------------------------------	---	------------------	--	--	--

<i>Extender</i>	0	Provided by City			
-----------------	---	------------------	--	--	--

Total Cost **\$ 30,848.00**

LPR

LPR Solution

Survision LPR Cameras	4	\$	3,293.00	\$	13,172.00
-----------------------	---	----	----------	----	-----------

Mount LPR Cameras on ceiling. Pull in, jack and test 1 CAT6 cable per camera.	1	\$	2,400.00	\$	2,400.00
--	---	----	----------	----	----------

Total Cost: **\$ 15,572.00**

Entervo.Sign					
Entervo Sign	2	\$	15,225.00	\$	30,450.00
Installation - Trench entry islands for power and data conduits. Install conduits and patch trenches, Set, level and bolt 2 signs. Pull power and data wires.	1	\$	5,580.00	\$	5,580.00
Total Cost:				\$	36,030.00

Base Bid Installation

Civil and Electrical for base bid	1	\$	44,316.00	\$	44,316.00
Field Services	1	\$	9,180.00	\$	9,180.00
Project Management	1	\$	4,800.00	\$	4,800.00
Training	1	\$	3,000.00	\$	3,000.00
FMS install	1	\$	2,040.00	\$	2,040.00
Travel	1	\$	3,528.00	\$	3,528.00
Bollards 42" x 4" Flange Mount (Responsibility for Lanterra)	0	\$	580.00	\$	-
Year 1 Warranty Parts & Labour	1	\$	11,040.00	\$	11,040.00
Total Cost				\$	77,904.00

Passport API					
API Online Authorization	1	\$	7,790.00	\$	7,790.00
API Online Authorization Car Park Setup	1	\$	1,276.00	\$	1,276.00
Canadian Testing, Project Support etc.	1	\$	6,400.00	\$	6,400.00
Total Cost				\$	9,066.00
Approx. Freight:					
BaseBid SubTotal:				\$	7,324.00
				\$	454,906.88

Recurring Fees					
Monthly Recurring Fees for PARCS	12	\$	227.00	\$	2,724.00
Monthly Recurring Fees for API	12	\$	320.00	\$	3,840.00

Optional Year 1 - Monthly Preventative Maintenance					
	12	\$	831.50	\$	9,978.00
Optional Year 2 - Monthly Extended Warranty Package - Service, Support, Parts - Year 2					
	12	\$	2,112.50	\$	25,350.00

Warranty Agreement

Year 1 Warranty Included - Parts and Labour

Quote to remain valid for 60 days

Commercial Terms:

FOB

35% upon order receipt

55% upon receiving equipment onsite

10% upon completion of sign off

Payment due within 30 days of invoice receipt

Exclusions :

Overhead Door Surround can be completed by S&B as a change order after the OHD install. Unsure of clearances.

Bollards to be provided by Lanterra/TPA

Conduit to OHD will be responsibility of others.

Credit Card fees are not included

Mobility Connect Fees for Passport are not included.

Development is unknown currently by PASSPORT