

0150-10625-0004

TRANSMITTALTO
The CouncilDATE
5/6/2024

COUNCIL FILE NO.

FROM
The MayorCOUNCIL DISTRICT
Citywide**Proposed Third Amendment to Contract C-133266 with Syncromatics Corp., dba
GMV Syncromatics for Enhanced Transit Technology Services**

Approved and transmitted for your consideration. The Council has 60 days from the date of receipt to act; otherwise, the agreement will be deemed approved pursuant to Los Angeles Administrative Code Section 10.5(a).

Please see the City Administrative Officer report attached.



MAYOR
(Carolyn Webb de Macias for)

MWS:ADN:06240044t

Report From

OFFICE OF THE CITY ADMINISTRATIVE OFFICER

Analysis of Proposed Contract

(\$25,000 or Greater and Longer than Three Months)

To: The Mayor	Date: 04-24-24	C.D. No. All	CAO File No.: 0150-10625-0004
Contracting Department/Bureau: Los Angeles Department of Transportation		Contact: Lindsey Estes (213) 928-9772	
Reference: Department of Transportation request dated December 1, 2023; Referred to the CAO on December 8, 2023.			
Purpose of Contract: Procurement, installation, and integration of enhanced transit technology on the City's transit fleet vehicles			
Type of Contract: () New contract (X) Amendment, Contract No. C-133266		Contract Term Dates: May 5, 2019 – October 4, 2025 (24-Month extension with the option to extend the contract on a month by month basis up to an additional five months from May 5, 2025 to October 4, 2025)	
Contract/Amendment Amount: \$8,148,601			
Proposed amount \$ 8,148,601+ Prior award(s) \$ 9,832,246 = Total \$ 17,980,847			
Source of funds: Proposition A Anti-Gridlock Transit Improvement Fund			
Name of Contractor: Syncromatics Corp., dba GMV Syncromatics			
523 West 6th Street, Suite 444, Los Angeles, CA 90014			
	Yes	No	N/A
1. Council has approved the purpose	X		
2. Appropriated funds are available	X		
3. Charter Section 1022 findings completed	X		
4. Proposals have been requested	X		
5. Risk Management review completed	X		
6. Standard Provisions for City Contracts included	X		
7. Workforce that resides in the City: %			
8. Business Inclusion Program	X		
9. Equal Benefits & First Source Hiring Ordinances	X		
10. Contractor Responsibility Ordinance	X		
11. Disclosure Ordinances	X		
12. Bidder Certification CEC Form 50	X		
13. Prohibited Contributors (Bidders) CEC Form 55	X		
14. California Iran Contracting Act of 2010	X		

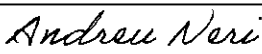

RECOMMENDATIONS

That the Mayor and Council authorize the General Manager of the Los Angeles Department of Transportation (LADOT), or designee, to execute a Third Amendment to the contract with Syncromatics Corp., dba GMV Syncromatics (Contract No. C-133266) for the procurement, installation, and integration of enhanced transit technology on City transit fleet vehicles with the following changes:

- Extend the term of the contract for 24 months from May 5, 2023 through May 4, 2025 with an option to extend on a month by month basis for a period not to exceed five months through October 4, 2025;
- Increase the contract ceiling by \$8,148,601 for a revised total of no more than \$17,980,847; and,
- Update the City Standard Provisions for City Contract (Rev 09/22 [v.1]), and contracting language as required by ordinance of all City contracts, and incorporate Attachments and Exhibits.

SUMMARY

In 2019, following a Request for Proposals (RFP) process, the Mayor authorized LADOT to execute a contract with Syncromatics Corp. for two years with an option to extend one additional year for a maximum of \$8,198,121 for technology upgrades, enhancements, integration and on-going support

			
ADN	Analyst	0150-10625-0004	for City Administrative Officer

for the DASH and Commuter Express bus fleet. The executed contract term was from May 4, 2019 through May 4, 2021 with an option to extend one additional year to May 4, 2022. In April 2021, for the First Amendment, LADOT exercised the option to extend the term of the contract through May 4, 2022 with no funding increase. In May 2022 Council approved (C.F. 22-0490) LADOT to execute a Second Amendment to extend the term of the contract through November 4, 2022 followed by an option to extend on a month-to-month basis not to exceed an additional six months through May 4, 2023 with an increase in the contract ceiling of by \$1,634,425 to a total of \$9,382,246.

The current contract expired on May 4, 2023. LADOT released a new RFP on February 16, 2024 to procure services for this scope. LADOT requests to execute a Third Amendment to extend the contract term to May 4, 2025 and add funding in order to continue the services while the RFP is conducted. This Office recommends providing an option to extend on a month by month basis for a period not to exceed five months through October 4, 2025 to accommodate additional time needed should any complications arise in the RFP review to award a new contract. LADOT estimates a cost of \$300,000 per month for each option exercised between May 5, 2025 and October 4, 2025.

In accordance with Los Angeles Administrative Code Section 10.5(a), Council approval is required as the term of the contract exceeds three years.

BACKGROUND

Since 2013, LADOT has contracted for enhanced transit technology services to provide real-time bus arrival predictions for riders through computer-aided dispatch and automatic vehicle location for the DASH and Commuter Express programs. The services also include the Automatic Voice Annunciator System, Automatic Passenger Counters, Security Camera System Software Integration, On-Board Public Information System, Integration of the TAP Card Validator, and other technology services.

Funding for the services to date has been provided by the Proposition A Anti-Gridlock Transit Improvement Fund in the Smart Technology for DASH and Commuter Express Buses accounts. LADOT proposes to utilize funding in a Proposition A Fund account for Fiscal Year 2020- 21 for Smart Technology for DASH and Commuter Express Buses (Account 94TA03) for the contract extension through May 4, 2023.

Funding for subsequent years of the agreement is subject to Mayor and Council approval, the availability of funds, and will be appropriated through the City annual budget development process. The City financial obligation is limited to the extent of appropriations approved by the Council and Mayor.

FISCAL IMPACT STATEMENT

Sufficient funds exist within the City Proposition A Fund. There is no impact to the General Fund.


FINANCIAL POLICIES STATEMENT

The recommendation complies with the City Financial Policies in that sufficient special fund revenues are available and eligible for this purpose.

CITY OF LOS ANGELES
INTER-DEPARTMENTAL MEMORANDUM

Date: December 1, 2023

To: The Honorable Karen Bass, Mayor
Office of the Mayor
Attention: Heleen Ramirez, Legislative Coordinator

From: Laura Rubio-Cornejo, General Manager 
Department of Transportation

Subject: **THIRD AMENDMENT TO AGREEMENT C-133266 BETWEEN THE LOS ANGELES DEPARTMENT OF TRANSPORTATION AND SYNCROMATICS CORP., DBA GMV SYNCROMATICS FOR THE PROCUREMENT, INSTALLATION, AND INTEGRATION OF ENHANCED TRANSIT TECHNOLOGY ON THE CITY'S TRANSIT FLEET**

SUMMARY

The City of Los Angeles Department of Transportation (LADOT) requests authorization to execute a Third Amendment with GMV Syncromatics (Syncromatics) for the continued provision of transit technology procurement, installation, integration, and ongoing support services for its Proposition A and C funded public transit services.

RECOMMENDATIONS

That the City Council, with the concurrence of the Mayor:

1. AUTHORIZE the LADOT General Manager to execute the Third Amendment to Agreement C-133266 with GMV Syncromatics.
2. APPROVE the extension of the term of the Agreement for 24 months, from May 5, 2023 to May 4, 2025.
3. APPROVE the cost increase for the 24-month extension by \$6,648,601 with a new total contract ceiling cost of \$16,480,847.
4. APPROVE the update of the Standard Provisions for City Contracts (Rev. 9/22) [v.1].

BACKGROUND

Beginning in 2013, LADOT executed contracts for enhanced transit technology services to provide transit real-time bus arrival predictions through their Computer-aided Dispatch and Automatic Vehicle Location (CAD/AVL) services for LADOT's transit DASH and Commuter Express programs. In addition to CAD/AVL services, the enhanced technology program provides Automatic Voice Annunciator System (AVAS), the Automatic Passenger Counters (APC), and other technological solutions that help solve complex transportation problems.

LADOT has an existing four-year service contract with Syncromatics to provide ongoing transit technology and support services that expired on May 4, 2023.

Table 1 below outlines transit technology enhancements and support services costs to date and the costs for the requested 24-month extension. Table 2 separates the total Third Amendment contract costs by year and shows the 3% contingency amount.

Table 1: Contract Costs

Contract Name	Contract Term	Contract Amount	Rolling Total
Original Contract	May 5, 2019 – May 4, 2021	\$8,197,821	\$8,197,821
First Amendment	May 5, 2021 - May 4, 2022	\$0	\$8,197,821
Second Amendment	May 5, 2022 - May 4, 2023	\$1,634,425	\$9,832,246
Third Amendment	May 5, 2023 - May 4, 2025	\$6,648,601*	\$16,480,847
Total	May 5, 2019 - May 4, 2025	\$16,480,847	-

*Includes 3% contingency, proposed costs are \$6,454,952

Table 2: Third Amendment Cost Breakdown

Third Amendment Costs	Contract Term	Contract Amount
Year 1	May 5, 2023 - May 4, 2024	\$3,827,170
Year 2	May 5, 2024 - May 4, 2025	\$2,627,782
Third Amendment - Subtotal	May 5, 2023 - May 4, 2025	\$6,454,952
3 Percent Contingency	-	\$193,649
Total Third Amendment Costs	May 5, 2023 - May 4, 2025	\$6,648,601*

*Includes 3% contingency from proposed costs

DISCUSSION

LADOT requests authorization to extend the term of the Agreement with Syncromatics for two years for the continued operation and management of the City of Los Angeles Transit Technology Program. The recommended contract extension allows for sufficient time to issue a new Request for Proposal (RFP) to solicit contractors.

LADOT intends to release the RFP in early 2024 with an expected contract execution date in Spring 2025. However, LADOT will continue to explore a piggyback option if the RFP process is not finished by May 2025. This contract amendment is a stop-gap measure to ensure uninterrupted operation and management of the Transit Technology Program. A halt to transit technology activities would directly impact many residents who rely on these essential transit services every day.

LADOT negotiated a cost proposal with Syncromatics for the recommended 24-month contract extension - Exhibit B - Third Amendment Cost Breakdown effective June 1, 2023.

During the 24-month extension period, from May 5, 2023 - May 4, 2025, LADOT requests additional funding of \$6,648,601, increasing the contract ceiling to \$16,480,847.

FISCAL IMPACT

There is no impact on the General Fund. There are sufficient funds included in the City's adopted budget for FY 2021-22, Proposition A Local Transit Assistance (PALTA), Fund No. 385, Account No. 94TA03 - Smart Technology for DASH, and Commuter Express Buses. LADOT will request additional funding for procurement, installation, integration, and support services for transit technology in the FY 2024-2025 Proposed Budget.

Attachment

CL

THIRD AMENDMENT

TO

AGREEMENT C-133266

BETWEEN

THE CITY OF LOS ANGELES

AND

SYNCROMATICS CORP., DBA GMV SYNCROMATICS

FOR THE

PROCUREMENT, INSTALLATION, AND INTEGRATION OF

ENHANCED TRANSIT TECHNOLOGY

ON THE CITY'S TRANSIT FLEET

**THIRD AMENDMENT TO AGREEMENT C-133266
BETWEEN
THE CITY OF LOS ANGELES
AND
SYNCROMATICS CORP. DBA GMV SYNCROMATICS
FOR THE PROCUREMENT, INSTALLATION, AND INTEGRATION OF
ENHANCED TRANSIT TECHNOLOGY ON THE CITY'S TRANSIT FLEET**

THIS THIRD AMENDMENT to Agreement C-133226 between the City of Los Angeles (hereinafter referred to as the "CITY"), a municipal corporation, acting by and through the Department of Transportation (hereinafter referred to as "LADOT"), and Syncromatics Corp., dba GMV Syncromatics, a California corporation (hereinafter referred to as "CONTRACTOR"), collectively referred to as "Parties" and individually as "Party," is entered into with reference to the following:

WITNESSETH

WHEREAS, the CITY desires to continue the obtained services to procurement, installation, and integration of enhanced technology on LADOT's transit fleet; and

WHEREAS, on February 1, 2019, LADOT issued a Request for Proposals (RFP), in accordance with City Charter §372 seeking qualified contractors to perform said services; and

WHEREAS, on March 11, 2019, the CONTRACTOR submitted a proposal (hereinafter referred to as "Proposal") in response to the RFP; and

WHEREAS, the CONTRACTOR has the management and technical expertise and other assets necessary to function as the enhanced technology procurement, installation, and integration provider; and

WHEREAS, the CITY requested that the CONTRACTOR provide technology procurement, installation, and integration of enhanced transit technology on the LADOT transit fleet in the time and manner set forth in the RFP and Proposal; and

WHEREAS, on May 5, 2019, the Parties entered into Agreement C-133226, wherein the CONTRACTOR agreed to provide technology procurement, installation, and integration of enhanced transit technology on the LADOT transit fleet for a two-year term from May 5, 2019, through May 4, 2021 with one-year renewal option at the sole discretion of LADOT; and

WHEREAS, on April 8, 2021, LADOT entered into the First Amendment to Agreement C-133226 to exercise the one-year option and extend the term of the Agreement through May 4, 2022, based on LADOT needs, available funds, and the satisfactory performance by the Contractor; and

WHEREAS, on May 10, 2022, LADOT entered into the Second Amendment to Agreement C-133226 to a) extend the term of the Agreement by six (6) months, then month-to-month for a total period of twelve (12) months, b) adjusted the compensation rate, c) increased the Agreement ceiling, d) updated the Standard Provisions for City Contracts (Rev. 10/21) [v.4], e) added contracting language as required by ordinance of all City contracts, and f) incorporated Attachments and Exhibits; and

WHEREAS, LADOT is in the process of preparing a new RFP for these services, but requires continuation of the current Agreement until the new contract award; and

WHEREAS, LADOT desires in this Third Amendment to Agreement C-133266, to a) extend the term of the Agreement for twenty-four (24) months, from May 5, 2023 to May 5, 2025, b) increase the contract ceiling to fund the extension period by six million six hundred forty-eight thousand six hundred one dollars (\$6,648,601), to a new contract ceiling of sixteen million four hundred eighty thousand eight hundred forty-seven dollars (\$16,480,847), and c) update the Standard Provisions for City Contracts (Rev. 9/22) [v.1]; and

NOW, THEREFORE, in consideration of the above premises, and the mutual covenants and agreements herein contained, the Parties agree as follows:

1. **SECTION I. INTRODUCTION AND CONDITIONS PRECEDENT**, Subsection B.1.a Representatives of the Parties and Service of Notices, is hereby amended in its entirety to read as follows:

- a. The representative of the CITY shall be, unless otherwise stated in the Agreement:

Laura Rubio-Cornejo
General Manager
City of Los Angeles
Department of Transportation
100 South Main Street, 10th Floor
Los Angeles, California, 90012

With copies to:

Brian Lee
Chief of Transit Programs
City of Los Angeles
Department of Transportation
100 South Main Street, 10th Floor
Los Angeles, California, 90012

2. **SECTION II, TERMS OF CONTRACT**, Subsection A.1, Termination During the Month-to-Month Extension and Subsection A.4, Ratification, are hereby amended in its entirety to read as follows:

1. The Initial Term of this Agreement shall be in effect for six (6) years from May 5, 2019 ("Effective Date") and will end on May 4, 2025 unless otherwise terminated in accordance with the termination provisions herein.
 2. **Ratification.** The CONTRACTOR may have provided prior services to the City of Los Angeles under the terms of an executed Agreement which included a requirement to adhere to the City's Standard Provisions for City Contracts. To the extent that the CONTRACTOR provided services to the City prior to the execution of this extension, and the CONTRACTOR's services were performed in accordance with the terms and

conditions of this extension and the original Agreement, including the City's Standard Provisions for City Contracts, those services are hereby ratified.

3. **SECTION IV, COMPENSATION**, Subsection A, is hereby amended in its entirety to read as follows:

- A. The CITY shall pay the CONTRACTOR for the satisfactory performance of the terms and conditions under this Agreement a not-to-exceed amount of sixteen million four hundred eighty thousand eight hundred forty-seven dollars (\$16,480,847) as specified in Exhibit B - Amendment 3 Cost Breakdown effective June 1, 2023 of this amendment.

4. Effective the date of attestation by the City Clerk of this Third Amendment, all references to Standard Provisions for City Contracts throughout the Agreement are hereby deleted and replaced with the following: Standard Provisions for City Contracts (Rev. 9/22) [v.1].

5. **SECTION VI, STANDARD CONTRACT PROVISIONS**, Subsection A, Standard Provisions for City Contracts, is hereby amended in its entirety to read as follows:

By entering into this Agreement with the CITY, the CONTRACTOR agrees to abide by the Standard Provisions for City Contracts (Rev. 9/22) [v.1], attached hereto and incorporated herein as Attachment A.

6. Attachment A - Standard Provisions for City Contracts (Rev. 10/17) [v.3] is hereby replaced in its entirety by Attachment A - Standard Provisions for City Contracts (Rev. 9/22) [v.1] attached hereto and incorporated herein.
7. **Exhibit B. Cost Breakdown** is hereby replaced in its entirety by Exhibit B - Third Amendment Cost Breakdown effective June 1, 2023 attached hereto and incorporated herein.
8. Except as herein amended, all other terms and conditions of this Agreement shall remain in full force and effect.

**REMAINDER OF PAGE INTENTIONALLY LEFT BLANK
SIGNATURE PAGE FOLLOWS**

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives.

THE CITY OF LOS ANGELES

GMV SYNCROMATICS

By: _____
Laura Rubio-Cornejo
General Manager
Department of Transportation

By*: _____

Title: _____

Date: _____

Date: _____

APPROVED AS TO FORM:

HYDEE FELDSTEIN SOTO, City Attorney

By**: _____

By: _____
Michael Nagle
Deputy City Attorney

Title: _____

Date: _____

Date: _____

ATTEST:

HOLLY L. WOLCOTT, City Clerk

By: _____

Date: _____

City Agreement Number: C-133266-3

Council File Numbers: CF 22-0490

NOTE: If Contractor is a Corporation or LLC, two signatures are required:

*The signature of President, Chairman of the Board, or Vice President is required here; and

**an additional signature of Secretary, Assistant Secretary, Chief Financial Officer, or Assistant Treasurer is also required for the Corporation.

NOTE: If Contractor is a Limited Liability Company: Unless otherwise provided, the signature of two authorized managers is required.

Cal. Corp. Code Sections 313 & 17703.01



LADOT Enhanced Transit
Technology Program

Extension Proposal (2023-25)

June 1, 2023

PREPARED FOR:
Los Angeles Department of
Transportation

SUBMITTED BY:
Alex Fay
Chief Commercial Officer



700 S Flower St, Suite 470 Los Angeles, CA 90017

June 1, 2023

Dear Stakeholders:

GMV greatly appreciates the continued trust that the City of Los Angeles has bestowed on us as your Intelligent Transportation Systems provider for over a decade.

To ensure consistency and continuity for your transit services and avoid any disruption in the passenger experience, we are proposing a short-term extension of our current contract through May 2025.

This proposal outlines our approach to extend the current contract.

If you have any further questions, please don't hesitate to contact me by phone at (213) 973-1209 or by email at alex@gmv.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alex Fay', with a stylized flourish at the end.

Alex Fay
Chief Commercial Officer

Short Term Extension Details

Term

The initial two-year term of our current contract ran from May 5, 2019 to May 4, 2021 (Years 1-2). LADOT exercised its option for a third year, as provided in the original contract, to continue services through May 4, 2022 (Year 3). LADOT has subsequently extended the contract for an additional 12 months through May 4, 2023 (Year 4).

We propose an additional two-year extension of the contract through May 4, 2025 (Year 5-6).

Price

A breakdown by category is shown below, followed by a description of the proposed scope of work.

Total Budget for 2023-24 (Year 5)

Equipment Replacement with Sales Tax	1,656,635
Annual Service Fees	1,325,059
Extended Warranty	386,836
Personnel Services	458,640
Sub- total	3,827,170

Total Budget for 2024-25 (Year 6)

Equipment Replacement with Sales Tax	109,500
Annual Service Fees	1,477,088
Extended Warranty	555,036
Personnel Services	486,158
Sub- total	2,627,782

Total 2-year extension **6,454,952**

Three (3) Percent Contingency **193,649**
Requested by LADOT

Total Cost **6,648,601**

Scope of Work

Equipment Replacement

There are critical components of the Intelligent Transportation System onboard equipment that have exceeded their useful life and are overdue for replacement. We have observed increasing failure rates for these components over the course of the extension periods, and the equipment should proactively be replaced before it fails.

Specific components planned for replacement include:

- **Automatic Passenger Counters:**
 - o Replace all remaining Dilax APC sensors, bringing the entire fleet up to a modern standard.
 - o Achieve fleetwide APC equipment consistency, which will streamline maintenance and support activities
 - o Improve reliability of passenger counting systems, improve the accuracy of ridership reporting, and enhance real-time bus crowding information for dispatchers and passengers.
 - o 31 Commuter Express Vehicles (1-door) + 199 DASH Vehicles (2-door)
- **Automatic Voice Announcement System**
 - o Replace all remaining Integrated Bus Announcement (IBA) units, bringing the entire fleet up to a modern standard.
 - o Achieve fleetwide AVAS equipment consistency, which will streamline maintenance and support activities.
 - o Improve reliability of ADA required onboard passenger announcements, enable fleetwide support of bi-lingual announcements, enable fleetwide support for recorded audio announcements.
 - o 108 total vehicles

All hardware replacements (equipment and installation) are charged at the original contract price per unit, set in the 2019 initial contract. This hardware replacement is planned for 2023-24 due to the urgency of equipment failure issues.

An additional \$100K is budgeted each year for miscellaneous equipment replacements for other equipment that may need replacement during that year, charged at the original 2019 contract unit prices.

Annual Service Fees

We propose continuing the current level of service for software license and technical support. Annual service fees have been adjusted from the 2019 initial contract price to reflect inflation, and the total amount reflects growth in LADOT's net fleet size.

We propose expanding the current digital pre-trip inspection module to the entire LADOT fleet. Currently the service is used on approximately 60 buses at the Downtown Yard. The service has been pre-paid on all new BYD electric buses. The proposed fees will cover remaining vehicles and ensure consistent vehicle inspections across all operating divisions.

Some annual fees for surveillance video and electric vehicle monitoring have been added to ensure continuous service of these features on an ongoing basis after the original "factory installed" software licenses expire.

Extended Warranty

We will continue providing a full fleet extended warranty on all equipment through the extension period. Extended warranty rates have been adjusted for inflation since the 2019 initial contract, and the total amount reflects growth in LADOT's net fleet size.

Personnel Services

We will continue providing the current dedicated staffing of 1 Project Manager and 1 Field Technician to support LADOT's ITS program. Fees have been adjusted for inflation since the 2019 initial contract.

					Taxable?	Qty	Total	Total Incl Sales Tax	
Equipment									
Item Description					Unit Cost	Taxable	Qty	Pre-Tax Subtotal	Subtotal w/ Sales Tax

Automatic Voice Annunciator		
	Hardware, Audio (Base System)	1,950
	AVA Base System Installation	1,050
	Software License, Web Based Controller	1,250
	Interior LED sign (single color, Red or Amber)	1,195
	Interior LED sign, Labor, Install new or Integrate existing hardware	325
	Spare Hardware, AVAS Audio Base System	1,950
Total		

Y	108	210,600	230,607
	108	113,400	113,400
	0	0	0
Y	0	0	0
	0	0	0
	0	0	0
		324,000	344,007

Automatic Passenger Counting		
	APC-100, 1 door bus	2,950
	APC-200 - 2 door bus	3,950
	Spare Hardware, APC-100, 1 door bus	2,950
	Spare Hardware, APC-200 - 2 door bus	3,950
	Installation New APC system, 1 door bus	850
	Installation New APC system, 2 door bus	1,085
Total		

Y	31	91,450	100,138
Y	199	786,050	860,725
Y	0	0	0
Y	0	0	0
	31	26,350	26,350
	199	215,915	215,915
		1,119,765	1,203,128

Other Hardware Replacements, TBD		
	2023-24 Miscellaneous hardware replacements, as needed (to be charged at standard per unit prices)	100,000
	2024-25 Miscellaneous hardware replacements, as needed (to be charged at standard per unit prices)	100,000

Y	1	100,000	109,500
Y	1	100,000	109,500
		200,000	219,000

Total Capital

1,643,765	1,766,135
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Year 5 Capital Costs 1,656,635

Year 6 Capital Costs 109,500

Annual Service Fees

Software Service Fees		
Item Description		Unit Cost
LN		('23-'24)
	Headsign Remote Editing	32
	Apollo/Luminator Video, mSET Licensing	n/a
	Viriciti Electric Bus Monitoring, Licensing	n/a
	Bike Rack Availability	57
	Infotainment License and Maintenance	479
	Annunciator, Annual Service Fee	174
	Fixed Route CAD/AVL Software Annual Fee	1,071
	Viriciti Live integration into Dispatch tools	57
	Live Video Streaming to Dispatch Software	95
	Automated Passenger Counting, Annual Service Fee	174
	Vehicle Network Gateway	224
	RealTime Passenger Information incl. Mobile Apps	5,670
	Annual, SMS/IVR Usage -- includes 208,333 outbound messages per month (2.5M per year), additional messages are billed monthly and charged based on actual usage (\$.025 each) - no charge for inbound messages 2018 actual usage: 2,261,539 messages	36,540
	Vehicle Inspection Module	300
	Ridership Reporting via UTA APC Software	11,970
	Software Licenses	-
	Cloud/Data Storage	13,860
Total per year		

Equipment Warranty		
	Infotainment Hardware Extended Warranty	57
	Security Camera System, Extended Warranty (First 2 years included, ext. warranty starts in Year 3)	284
	Bike Rack Sensor, Extended Warranty	37
	Annunciator, Extended Warranty	277
	APC, Extended Warranty	221
	Vehicle Network Gateway, Ext. Warranty	217
	Secondary Modem, Extended Warranty	74
	Mobile Data Terminal, Extended Warranty	221
Total per year		

Personnel Services		
	Project Manager	varies by year
	Field Technician	varies by year
Total per year		

May 2023 - Apr 2024	
Qty reflects May '23 Invoice + Remaining BYD Deliveries	
Qty	Subtotal
396	12,474
n/a	0
n/a	0
162	9,185
736	352,397
456	79,289
473	506,583
157	8,902
148	13,986
473	82,245
476	106,757
1	5,670
1	36,540
284	85,200
1	11,970
0	0
1	13,860
	1,325,059
476	26,989
175	49,613
32	1,169
300	83,160
343	75,632
346	74,985
117	8,698
302	66,591
	386,836
	262,080
	196,560
	458,640

May 2024 - Apr 2025		
Unit Cost ('24-'25)	Qty	Subtotal
33.39	396	13,222
452.42	50	22,621
1,109.00	45	49,905
60.10	162	9,737
507.53	736	373,541
184.31	456	84,047
1,135.26	473	536,978
60.10	157	9,436
100.17	148	14,825
184.31	473	87,180
237.74	476	113,163
6,010.20	1	6,010
38,732.40	1	38,732
318.00	284	90,312
12,688.20	1	12,688
-	0	0
14,691.60	1	14,692
		1,477,088
60.10	712	42,789
300.51	175	52,589
38.73	150	5,810
293.83	418	122,822
233.73	461	107,750
229.72	464	106,592
78.80	235	18,518
233.73	420	98,167
		555,036
		277,805
		208,354
		486,158

Total Annual Fees

2,170,535

2,518,282