



City of High Point

Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260

Meeting Agenda

Finance Committee

Britt Moore, Chair

Committee Members:

Monica Peters

Michael Holmes

Victor Jones

Jay Wagner, Mayor (Alternate)

Wesley Hudson, Mayor Pro Tem (Alternate)

Tuesday, November 14, 2023

4:00 PM

3rd Floor Council Chamber

FINANCE COMMITTEE - Britt W. Moore, Chair

CALL TO ORDER

PRESENTATION OF ITEMS

1. [2023-516](#) Consideration of a Purchase of a New 35-foot Diesel Bus from New Flyer of America
City Council is requested to approve an agreement for a purchase of a new 35-foot Diesel Bus from New Flyer of America in the amount of \$707,518, a capital project ordinance amendment, and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [Purchase - New Diesel Bus - New Flyer of America](#)

2. [2023-517](#) Consideration of a Sole Source Purchase of Training and Duty Ammunition from Kiesler Police Supply
City Council is requested to approve a sole source purchase of training and duty ammunition from Kiesler Police Supply in the amount of \$127,671.39 and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [Sole Source Purchase - Ammunition Kieslers Police Supply](#)

3. [2023-519](#) Consideration of a new Risk Manager Position
City Council is requested to approve a new Risk Manager position.
Attachments: [Risk Manager Position Request](#)

4. [2023-520](#) City of High Point Annual Comprehensive Financial Report for the Fiscal Year Ended June 30, 2023
City Council is requested to acknowledge receipt of the City of High Point Annual Comprehensive Financial Report for the Fiscal Year Ended June 30, 2023, and related required communications from the City's auditors,

Cherry Bekaert LLP and approve the Local Government Commission response.

Attachments: [Annual Comprehensive Financial Report](#)

5. [2023-521](#) Consideration of a Sole Source Contract with Mobile Communications America
City Council is requested to award the sole source contract to Mobile Communications America in the amount of \$109,919.40 to renew the annual maintenance and service contract for the City's 911 Vesta Call System.
Attachments: [Contract Renewal - Mobile Communications America](#)
6. [2023-525](#) Consideration of the Purchase of Property Located at 726 W. Grimes Street
City Council is requested to approve the purchase of property located at 726. W. Grimes street in the amount of \$51,000 and authorize the appropriate City Official(s) to execute all necessary documents.
Attachments: [726 W. Grimes](#)

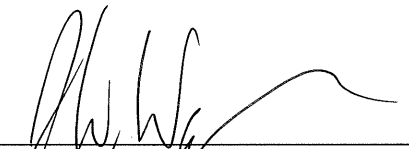
ADJOURNMENT

"AN CAPITAL PROJECT ORDINANCE AMENDMENT
OF THE CITY OF HIGH POINT, NORTH CAROLINA
FOR A REPLACEMENT BUS

Be it ordained by the City Council of the City of High Point, North Carolina, that,
pursuant to Section 13.2 of Chapter 159 of the General Statutes of North Carolina, the
following Capital Project Ordinance is hereby adopted:

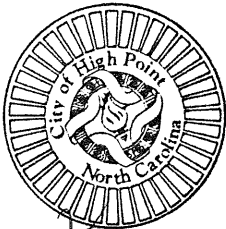
- Section 1. A High Point Transit System bus was involved in an accident in July of 2022 at the intersection of W. Kearns Avenue and S. Main Street. The accident resulted in the total loss of the bus and a new replacement bus is needed.
- Section 2. The following revenue is available to the City of High Point:
- | | |
|--------------------|-----------|
| Insurance Reserves | \$707,518 |
|--------------------|-----------|
- Section 3. The following amounts are appropriated for the Project:
- | | |
|-----------------|-----------|
| Bus Replacement | \$707,518 |
|-----------------|-----------|
- Section 4. The Financial Services Director is hereby directed to maintain a Capital Project with sufficient detail accounting records to allow compliance with G.S. 159-28 Budgetary accounting for appropriations
- Section 5. Copies of this capital project ordinance shall be made available to the City Manager and the Financial Services Director for direction in carrying out this project."

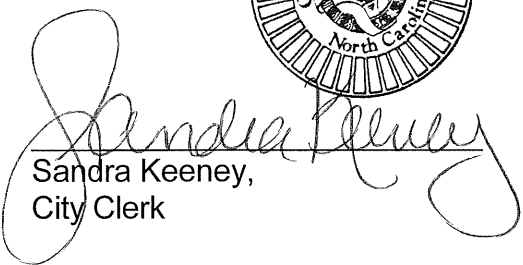
Adopted by High Point City Council, this the 20th day of November 2023



Jay W. Wagner, Mayor

ATTEST





Sandra Keeney,
City Clerk

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Sole Source Purchase for Ammunition- Vista Outdoor- Kiesler Police Supply	
FROM: J. Travis Stroud, Chief of Police	MEETING DATE: November 20, 2023
PUBLIC HEARING: N/A	ADVERTISED DATE/BY: N/A
ATTACHMENTS: Quote Sole Source Request Form & Letter	

PURPOSE:

The High Point Police Department would like to obtain training and duty ammunition from Kiesler Police Supply for the current fiscal year.

BACKGROUND:

This ammunition is for the official duty use of the High Point Police Department.

Vista Outdoor, Law Enforcement distributor in the State of North Carolina, Kiesler Police Supply in Jeffersonville, IN, currently is the only factory authorized Law Enforcement Distributor in the State of North Carolina for CCI-Speer and Federal Cartridge Company, which Vista Outdoor owns.

Kiesler Police Supply is the only authorized Law Enforcement Distributor for drop shipments directly from the factory within North Carolina.

BUDGET IMPACT:

Funds are available in the FY 2023-24 budget.

RECOMMENDATION/ACTION REQUESTED:

The Police Department recommends approving and issuing a purchase order for required training and duty ammunition purchases in the amount of \$127,671.39 for Fiscal Year 2023-2024 with Kiesler Police Supply.





Sales Quote

KIESLER POLICE SUPPLY
2802 SABLE MILL RD
JEFFERSONVILLE, IN 47130

Bill-to Customer

HIGH POINT POLICE DEPARTMENT
6011 RIVERDALE DR.
HIGH POINT, NC 27260

Ship-to Address

HIGH POINT POLICE DEPARTMENT
ATTN: ADAM BURKHOLDER #(336)307-0118
6011 RIVERDALE DR.
HIGH POINT, NC 27260

Your Reference

Bill-to Customer No. L77785
Tax Registration No.

Salesperson

CHELSEY HACKER

Email**Home Page****Phone No.**

No. Q143419
Document Date July 14, 2023
Due Date August 13, 2023

Payment Terms**Payment Method**

Tax Identification Type Legal Entity

Shipment Method

Adam Burkholder <adam.burkholder@highpointnc.gov>
(336)307-0118

No.	Description	Quantity	Unit of Measure	Unit Price Excl. Tax	Line Amount Excl. Tax
KIESLER AMMO ETA	----AMMO LEAD TIMES---- MOST ROUNDS 12(+/-) MONTHS 9MM FMJ 15-20 MONTHS .223 FMJ 16-24 MONTHS ----THESE ARE APPROX. & SUBJECT TO CHANGE----	1	EACH	0.00	0
SPEER53652	SPEER LAWMAN 40S&W 180 GRAIN TOTAL METAL JACKET FLAT NOSE, 1000RDS/CASE, 50RDS/BOX LOLTK - NC (DROP SHIP) (\$413.62 PER CASE, SHIPPING FROM STOCK)	1	CASE	338.33	338.33
FEDEAE40R1	FEDERAL AMERICAN EAGLE 40S&W 180 GRAIN FULL METAL JACKET, BALL 1000RDS/CASE, 50RDS/BOX LMEOL - NC (DROP SHIP) (\$413.62 PER CASE, SHIPPING FROM STOCK)	1	CASE	339.37	339.37
CCI5220	CCI BLAZER BRASS 40S&W 180 GRAIN FULL METAL JACKET, FLAT NOSE 1000RDS/CASE, 50RDS/BOX ALKHH - GOLD (IN STOCK, WHILE SUPPLIES LAST)	1	CASE	383.10	383.1
SPEER53962	SPEER GOLD DOT 40S&W 180 GRAIN HOLLOW POINT 1000RDS/CASE 50RDS/BOX AKTCL - NC (DROP SHIP)	1	CASE	419.73	419.73
SPEER24475	SPEER GOLD DOT DUTY RIFLE 223REM 75 GRAIN SOFT POINT, 500RDS/CASE, 20RDS/BOX ARAEAL - GOLD (DROP SHIP)	1	CASE	403.39	403.39



No.	Description	Quantity	Unit of Measure	Unit Price Excl. Tax	Line Amount Excl. Tax
FEDEXM193FC	FEDERAL 5.56MM 55 GRAIN FULL METAL JACKET BOATTAIL 500RD/CASE, 20RD/BOX --DISCONTINUED--ONLY AVAILABLE WHILE SUPPLIES LAST	1	CASE	233.00	233
FEDEAE223	FEDERAL AMERICAN EAGLE 223REM 55 GRAIN FULL METAL JACKET BOATTAIL 500RDS/CASE,20RDS/BOX (IN STOCK, WHILE SUPPLIES LAST)	1	CASE	266.57	266.57
SPEER53619	SPEER GOLD DOT 9MM 147 GRAIN HOLLOW POINT 1000RDS/CASE, 50RDS/BOX ALKKC - NC (DROP SHIP)	1	CASE	392.85	392.85
FEDELE13200	FEDERAL TCTL 12GA 23/4 9PLT 00BUCK 5RDS/BOX, 50BOX/CS, 250RDS/CS *LAW ENFORCEMENT ONLY* CAHHT - NC (DROP SHIP)	1	CASE	188.04	188.04
FEDELEB127LRS	FEDERAL 12GA TACTICAL LOW RECOIL 1OZ SLUG, 250 RDS/CASE CRLOT - NC (DROP SHIP)	1	CASE	183.41	183.41
SPEER53733	SPEER LAWMAN 38SPL 125 GRAIN TOTAL METAL JACKET FLAT NOSE, 1000RDS/CASE 50RDS/BOX RLMMC - GOLD (IN STOCK, WHILE SUPPLIES LAST)	1	CASE	505.57	505.57
FEDET308T	FEDERAL TACTICAL TRU 308WIN 168 GRAIN TACTICAL MATCHKING 500RDS/CASE RMEAL - GOLD (DROP SHIP)	1	CASE	576.61	576.61
SHIPPING	SHIPPING CHARGE	1	EACH	0.00	0
FORMAT CHELSEY	QUOTED BY CHELSEY HACKER KIESLER POLICE SUPPLY 2802 SABLE MILL ROAD JEFFERSONVILLE, IN 47130 THIS QUOTE IS VALID FOR 30 DAYS. CHACKER@KIESLER.COM	1	EACH	0.00	0
Amount Subject to Sales Tax		0.00	Subtotal		4,229.97
Amount Exempt from Sales Tax		4,229.97	Total Tax		0.00
			Total \$ Incl. Tax		4,229.97
			Tax Amount		0.00

KIESLER POLICE SUPPLY FFL# 4-35-019-11-4M-08220

RETURNED GOODS POLICY

No returned goods will be accepted without prior consent. Any packages returned without properly displaying a return authorization number will be refused. Returns subject to up to 25% restocking fee

DEFECTIVE MERCHANDISE POLICY

We are not a warranty repair station for any manufacturer. Returns of defective merchandise must be made directly to the manufacturer for repair or replacement.

DAMAGED GOODS POLICY

Claims of shortages or damaged shipments must be made immediately upon receipt of shipment.



Requisition # 36160

**CITY OF HIGH POINT
SOLE SOURCE JUSTIFICATION FORM**
(For Items Costing \$10,000.00 or More)
Statutory Reference N.C.G.S. 143-129(e)6

Vendor: Vista Outdoor- Kiesler Police Supply

Item(s): Ammunition

Justification:

Vista Outdoor, Law Enforcement distributor in the State of North Carolina, Kiesler Police Supply in Jeffersonville, IN, currently is the only factory authorized Law Enforcement Distributor in the State of North Carolina for CCI-Speer and Federal Cartridge Company, which Vista Outdoor owns.

Kiesler PS is the only authorized Law Enforcement Distributor for drop shipments directly from the factory with in NC.

Estimated expenditure for the above item(s): \$127,671.39

Accounting Unit and Account(s): 101315-562101

**CHECK ALL ENTRIES BELOW THAT APPLY TO THE PROPOSED PURCHASE.
ATTACH A MEMO CONTAINING JUSTIFICATION AND SUPPORT DOCUMENTATION.**

1. ☐ Performance or price competition for a product are not available.
2. ☒ A needed product is available from only one source of supply.
3. ☐ Standardization or compatibility is the overriding consideration.
4. ☐ The parts/equipment are required from this source to permit standardization.
5. ☐ None of the above applies. A detailed explanation and justification for this sole source request is contained in attached memo and support documentation.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the material or service described in this sole source justification be authorized as a sole source for the material or service.

Department Head/Authorized Personnel **J. Travis Stroud** Digitally signed by J. Travis Stroud
Date: 2023.11.07 13:33:55 -05'00'

Department/Division Police

Date 11/07/2023

APPROVAL PROCESS

Purchasing Manager

Candy E. Harmon Digitally signed by Candy E. Harmon
Date: 2023.11.07 16:24:16 -05'00'

Financial Services Director

City Council (\$30,000 – Up)



Vista Outdoor
Shooting Sports
Law Enforcement Sales
2299 Snake River Avenue
Lewiston, ID 83501

www.le.vistaoutdoor.com

February 10, 2023

To Whom It May Concern:

In reference to Vista Outdoor, Law Enforcement distributors in the State of North Carolina, Kiesler Police Supply in Jeffersonville, IN, at this time is the only factory authorized Law Enforcement Distributor in the State of North Carolina for CCI-Speer and Federal Cartridge Company, which are owned by Vista Outdoor.

Presently, Kiesler Police Supply is the only authorized Law Enforcement Distributor for drop shipments directly from the factory within North Carolina.

Thank you for your business and interest in our products.

A handwritten signature in black ink, appearing to read "R. Watkins".

Randall D. Watkins
Director, LE Sales
USMC Ret.
Mobile: 512-549-9646
Randall.Watkins@VistaOutdoor.com

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Receipt and Presentation of Fiscal Year 2022-2023 Audit Report	
FROM: Bobby Fitzjohn, Financial Services Director	MEETING DATE: November 20, 2023
PUBLIC HEARING: n/a	ADVERTISED DATE/BY: n/a
ATTACHMENTS: none	

PURPOSE:

The City Council has the statutory responsibility under G.S. 159-34 to engage an auditor for the financial and compliance audit of the City's budgets, accounts, and grants. The presentation of the Annual Comprehensive Financial Report for the Fiscal Year Ended June 30, 2023, will be presented by the audit firm Cherry Bekaert LLP.

BACKGROUND:

City Council approved the contract with Cherry Bekaert LLP for the financial and compliance audit of the City of High Point for the Fiscal Years 2021-2025 in April 2021. The Annual Comprehensive Financial Report was prepared by the City's Financial Services Department and the audit was completed on October 30, 2023. The Annual Comprehensive Financial Report can be found on the Financial Services section of the City's website. <https://www.highpointnc.gov/1028/Financial-Services>

BUDGET IMPACT:

None

RECOMMENDATION/ACTION REQUESTED:

City Council is requested to acknowledge receipt of the City of High Point Annual Comprehensive Financial Report for the Fiscal Year Ended June 30, 2023, and related required communications from the City's auditors, Cherry Bekaert LLP and approve the Local Government Commission response.



Local Government Commission
3200 Atlantic Ave
Raleigh, NC 27604

November 20, 2023



Response to the Auditor's Findings, Recommendations, and Fiscal Matters

Finding 2023-001, Significant Deficiency

In Fiscal Year 2022-23, Finance staff discovered reoccurring revenues related to two existing leases that were not identified during the implementation of GASB statement number 87 in the prior year. To prevent future occurrences of this deficiency, prior to the end of Fiscal Year 2023-24, staff will direct all lease revenue to a single revenue account and all lease expenses to a single expense account to allow for a more complete review. Additional staff training will take place to ensure this process is followed throughout the City.

Jay W. Wagner, Mayor

Wesley Hudson, Mayor Pro Tem, Ward 4

Britt W. Moore, Member At-Large

Tyrone E. Johnson, Member At-Large

Cyril Jefferson, Ward 1

Christopher Williams, Ward 2

Monica Peters, Ward 3

Victor Jones, Ward 5

Michael Holmes, Ward 6



CITY OF HIGH POINT, NORTH CAROLINA
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2023

Section I—Summary of Auditor's Results (continued)

State Awards

Internal control over major state programs:

- Material weakness(es) identified? ☐ yes ☒ no
- Significant deficiency(ies) identified? ☐ yes ☒ none reported

Noncompliance material to state awards? ☐ yes ☒ no

Type of auditor's report issued on compliance
for major state programs: Unmodified

Any audit findings disclosed that are required
to be reported in accordance with the State
Single Audit Implementation Act ☐ yes ☒ no

Identification of major state programs:

Program Name

Demonstration Grant Program
Parks and Recreation Trust Fund

Section II—Financial Statement Findings

Finding 2023-001 – Significant Deficiency

Criteria: Under Statement No. 87, *Leases* (GASB 87), entities are required to recognize certain lease assets and liabilities on the balance sheet based on the payment provisions of the contract effective July 1, 2021.

Condition: The City identified during the current year that it improperly excluded two lessor relationships that were in place during the prior year and, therefore, subject to GASB 87.

Effect: The City had understated its lease receivables and deferred inflows of resources in the general fund and governmental activities by approximately \$6,300,000 in the prior year.

Cause: The City did not timely implement effective processes or detecting controls to identify all leases subject to GASB 87 in the prior year. However, the City did implement more complete processes and detecting controls in the current year and found these leases as part of that process.

Recommendation: With the implementation of new accounting standards, we recommend the City identify processes to adequately address the completeness of its populations, such as data mining or departmental training, prior to implementation in addition to adding detecting controls to more timely identify transactions subject to such new standards.

Views of Responsible Officials: Management agrees with the finding and, while the error was discovered during the current year by management, they are implementing further procedures to correct going forward as discussed within the corrective action plan.

Correction Action Plan: See Corrective Action Plan prepared by the City.

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Maintenance 911 Vesta Phone System	
FROM: Adam Ward, IT Services Director, Interim	MEETING DATE: 12/4/2023
PUBLIC HEARING: No	ADVERTISED DATE/BY:
ATTACHMENTS: High Point Vesta 911 Maintenance Contract 3 rd Year Recommendation Form Sole Source Request Form	

PURPOSE:

Annual renewal of our maintenance and service contract provided by Mobile Communications America for the City's 911 Vesta Call System.

BACKGROUND:

The City acquired hardware for a new 911 telephony system in late 2020. A contract was entered into with Mobile Communications America in early 2021 to perform the phone system upgrade as well as supplying the maintenance and support for the system post-installation. This contract supports the City's primary 911 Telecommunications Center located at 1730 Westchester Drive as well as a backup center located at City Hall.

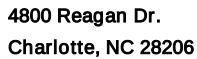
BUDGET IMPACT:

The IT Services Department will use existing funds from FY 2023-24 to renew the maintenance and services contract with Mobile Communications America. The total cost to renew is \$109,919.40.

RECOMMENDATION /ACTION REQUESTED:

The Department of IT Services recommends that the vendor Mobile Communications America be awarded the renewal under sole source. We further recommend that City Council approves the contract and that the appropriate City official and/or employee be authorized to execute all necessary documents.





Motorola Authorized Service Station

DATE: 14-Sep-23

CUSTOMER/AGREEMENT
NUMBER

CUSTOMER NAME: City of High Point

SERVICE LOCATION

ATTN: **Steve Lingerfelt**

CUSTOMER #:

BILLING ADDRESS: 211 S. Hamilton St, Room 103

Dept.

CITY / STATE / ZIP: High Point NC 27260

CUSTOMER CONTACT: **Steve Lingerfelt**

CUSTOMER PHONE #'s: 336-883-3286

Fax # - 336-822-7000

CONTRACT START DATE:
10/20/2023

AUTOMATIC RENEWAL:

☐ YES ☒ NO

EXPIRATION DATE:

10/19/2024

WHEN THIS AGREEMENT IS ACCEPTED BY Mobile Comm. THE EQUIPMENT ON THE CUSTOMER/AGREEMENT ORDER REFERENCED ABOVE WILL BE SERVICED BY Mobile Comm. IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE. THIS AGREEMENT DOES NOT INCLUDE REPLACEMENT OF ANTENNAS OR BATTERIES, OR SERVICE OF ANY TRANSMISSION LINE, ANTENNA, TOWER OR TOWER LIGHTING UNLESS SUCH WORK IS DESCRIBED BELOW.

QTY	DESCRIPTION & SERIAL NUMBERS	TYPE OF SERVICE			MONTHLY SVC AMOUNT	
		CUSTOMER LOCATION	SERVICE CENTER	24 Hour EMERG. *	PER MONTH	EXTENDED
						Annual
1	Geo-Diverse Vesta 911 system including:	X		X	\$2,645.10	\$31,741.20
16	Vesta Call Taker Workstations	X		X		
10	CommandPost Backup Workstations	X		X		
16	Blackbox KVM's	X		X		
1	Spectracom NetClock	X		X		
1	Vesta Software Support	X		X	\$4,207.26	\$50,487.12
1	Vesta 24x7 Remote Monitoring Service	X		X	\$2,307.59	\$27,691.08
	Covers Parts and Labor, all normal terms and conditions apply.					
	Normal Business Hours Service 8 to 5.					
	Includes 1 Annual Preventive Maintenance Check					

PAYMENT CYCLE:

TAX EXEMPT:

☒	ANNUALLY	☐	YEARLY
☐	QUARTERLY	☐	QUARTERLY
☐	MONTHLY	☒	MONTHLY
☐	OTHER (SPECIFY IN SPECIAL INSTRUCTIONS)		

☐ YES, ATTACH EXEMPT
CERTIFICATE

☒ NO

TAXES

TOTAL	\$109,919.40
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THE ABOVE SERVICE AMOUNT
IS SUBJECT TO STATE AND
LOCAL TAXING JURISDICTIONS,
TO BE VERIFIED BY MOBILE COMM>

SPECIAL INSTRUCTIONS:	
For Service Call	SERVICE CENTER:
Charlotte, NC	
MCA	
4800 Reagan Dr.	
Charlotte, NC 28206	
704 597 5220, Fax 597-5497	
Toll Free 1-800-346-5525	

AGREEMENT

7

SUPERSEDE

AGREEMENT NUMBER(S):

1060

ADDITIONAL TERMS, DEFINITIONS AND CONDITIONS OF THIS SERVICE AGREEMENT ARE PRINTED ON THE REVERSE SIDE.

AUTHORIZED CUSTOMER SIGNATURE/P.O. #	TITLE	DATE
--------------------------------------	-------	------

IS P.O. REQUIRED?

10

ATTACHED P.O. #

Bruce Williams

336-324-3627

Fax 888-412-6139

MOBILE COMM. SALES/SERVICE REP (SIGNATURE)

TELEPHONE #

SA FORM 197



Requisition # **36915**

**CITY OF HIGH POINT
SOLE SOURCE JUSTIFICATION FORM**
(For Items Costing **\$10,000.00 or More**)
Statutory Reference N.C.G.S. 143-129(e)6

Vendor: **Mobile Communications America**

Item(s): **Maintenance and Service 911 Vesta Phone System**

Justification:

Mobile Communications of America has supported the City's 911 telephony systems across multiple generations. The most recent system (Vesta) was installed by Mobile Communications of America in 2021. This contract is an extension of the services provided at that time. Their expertise, specialized knowledge, and existing partnership ensure seamless integration, streamlined issue resolution, and ongoing support.

Estimated expenditure for the above item(s): **\$109,919.40**

Accounting Unit and Account(s): **301240-522505-301082100105-53020**

**CHECK ALL ENTRIES BELOW THAT APPLY TO THE PROPOSED PURCHASE.
ATTACH A MEMO CONTAINING JUSTIFICATION AND SUPPORT DOCUMENTATION.**

1. ☐ Performance or price competition for a product are not available.
2. ☒ A needed product is available from only one source of supply.
3. ☒ Standardization or compatibility is the overriding consideration.
4. ☐ The parts/equipment are required from this source to permit standardization.
5. ☐ None of the above applies. A detailed explanation and justification for this sole source request is contained in attached memo and support documentation.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the material or service described in this sole source justification be authorized as a sole source for the material or service.

Department Head/Authorized Personnel **Adam Ward** Digitally signed by Adam Ward
Date: 2023.11.08 22:13:30 -05'00'

Department/Division **Information Technology Services** Date **12/4/2023**

APPROVAL PROCESS

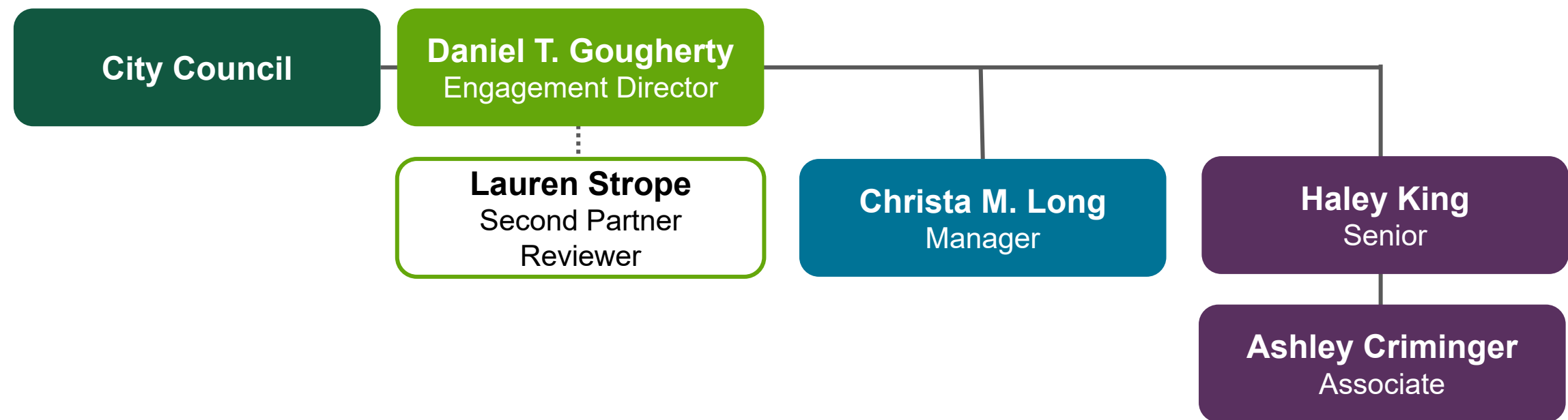
Purchasing Manager	
Financial Services Director	
City Council (\$30,000 – Up)	



Audit Executive Summary

November 20, 2023

Client Service Team





Agenda

- ▶ Results of the Audit
- ▶ Internal Control
- ▶ Corrected and Uncorrected Misstatements
- ▶ Required Communications
- ▶ Other Matters
- ▶ Upcoming Financial Reporting Changes
- ▶ Local Government Commission Financial Performance Indicators
- ▶ Question and Comments

This information is intended solely for the use of City Council and management of the City of High Point, North Carolina and is not intended to be, and should not be, used by anyone other than these specified parties.

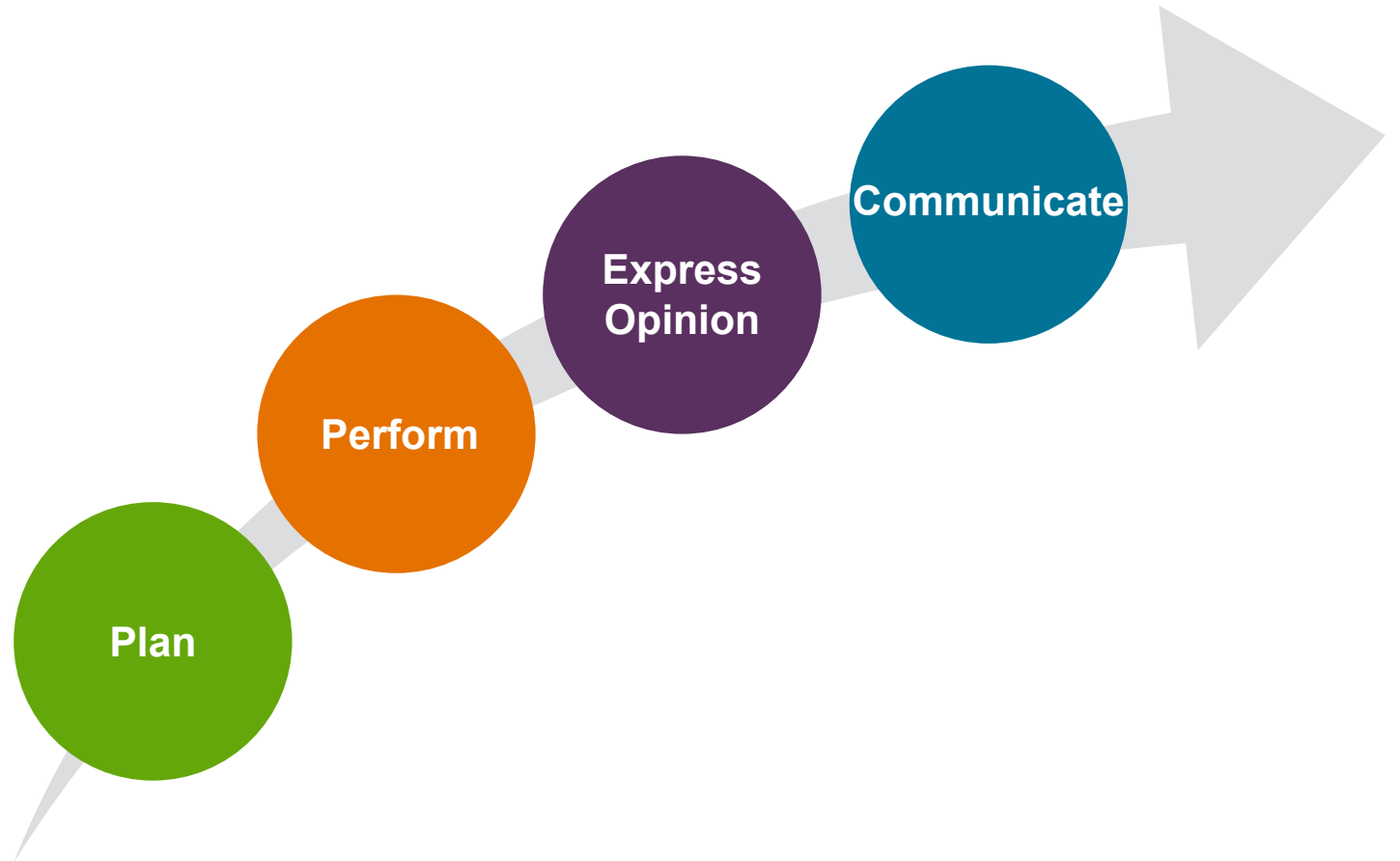


Results of the Audit

We have audited the financial statements of the City of High Point, North Carolina (“City”) as of and for the year ended June 30, 2023, in accordance with generally accepted auditing standards and *Government Auditing Standards* and have issued our report dated October 30, 2023.

We have also audited the City’s compliance with the types of compliance requirements described in the OMB Compliance Supplement and the Audit Manual for Governmental Auditors in North Carolina that could have a direct and material effect on each of the City’s major federal and state programs for the year ended June 30, 2023. We have issued our report dated October 30, 2023.

We have issued unmodified opinions on the financial statements and on compliance related to single audits performed in accordance with Uniform Grant Guidance and the State Single Audit Implementation Act.



Internal Control Communication

In planning and performing our audit, we considered internal control over financial reporting (“internal control”) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements and compliance with Uniform Grant Guidance and the NC State Single Audit Implementation Act, but not for the purpose of expressing an opinion on the effectiveness of the City’s internal control. Accordingly, we do not express an opinion on the effectiveness of the City’s internal control.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and, therefore, material weaknesses or significant deficiencies may exist that were not identified. In addition, because of inherent limitations in internal control, including the possibility of management override of controls, misstatements due to error or fraud may occur and not be detected by such controls.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis.



Internal Control Communication

Material Weakness

- ▶ A material weakness is a deficiency, or a combination of deficiencies in internal control, such that there is a reasonable possibility that a material misstatement of the City's financial statements will not be prevented, or detected and corrected, on a timely basis.

Significant Deficiency

- ▶ A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

We noted no material weaknesses. We noted one (1) deficiency that we believe to be a significant deficiency.



Internal Control Communication

Significant Deficiency

- ▶ Finding 2023-001:
 - ▶ Financial Reporting
 - ▶ Improper exclusion of two lessor relationships, identified by the City in fiscal year 2023, resulting in an understatement of lease receivables and deferred inflows of resources for fiscal year 2022.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management.

Corrected Misstatements

► None noted.



Corrected and Uncorrected Misstatements

Uncorrected Misstatements

- ▶ The following summarizes uncorrected misstatements of the financial statements. Management has determined that their effects are immaterial, both individually and in the aggregate, to the financial statements taken as a whole. The uncorrected misstatements or the matters underlying them could potentially cause future period financial statements to be materially misstated, even though, in our judgment, such uncorrected misstatements are immaterial to the financial statements under audit.
 - ▶ Understatement of sales tax receivable and deferred inflows of resources of approximately \$2,700,000 in the General Fund
 - ▶ Understatement of sales tax receivable of approximately \$2,700,000 and understatement of net position of approximately \$2,550,000, resulting a net effect on revenues of \$150,000 for Governmental Activities
 - ▶ Prior year overstatement of expense of approximately \$1,400,000, leading to current year understatement of beginning net position due to the over accrual of landfill liability in the Solid Waste Fund and Business-Type Activities

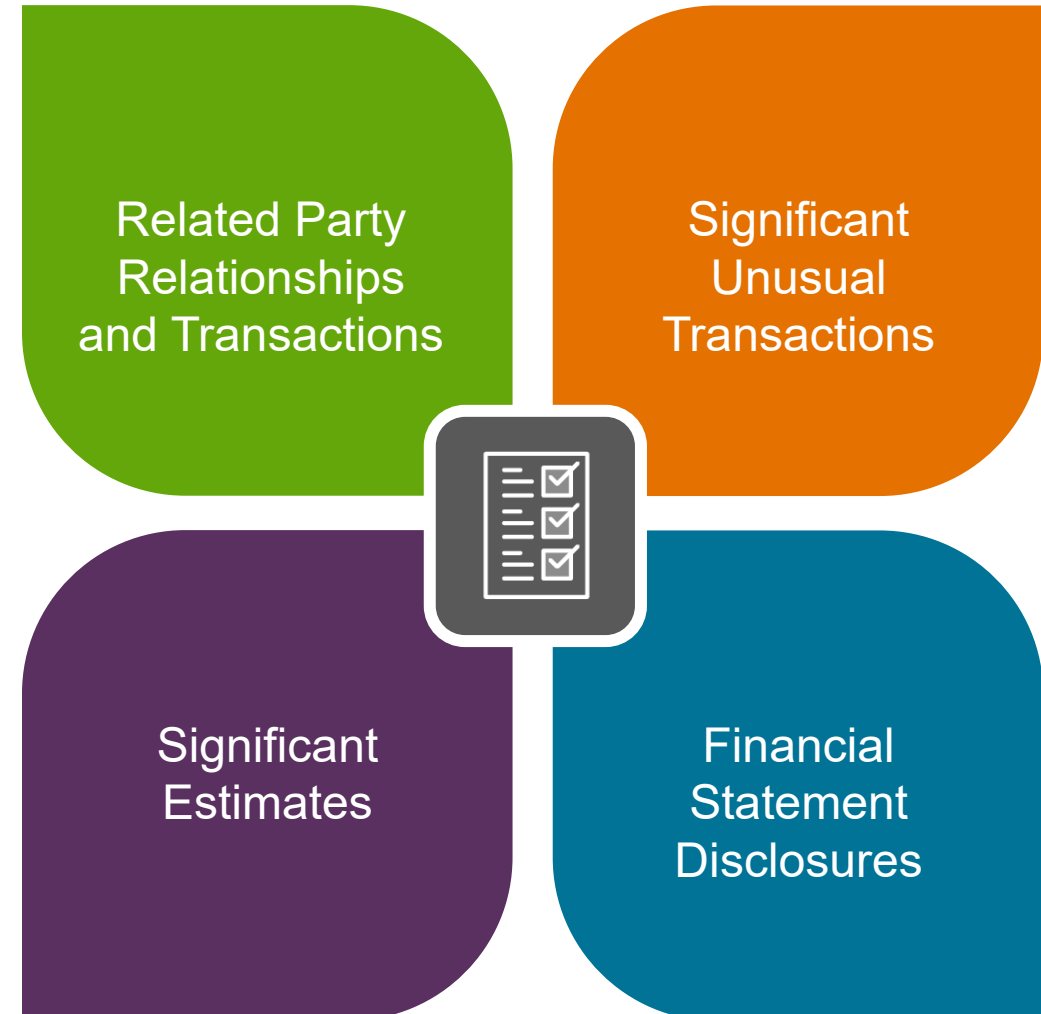


Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the City are described in Note 1 to the financial statements.

The City adopted GASB 96, *Subscription-Based Information Technology Arrangements*, effective July 1, 2022. Most prominent among the changes in the standard is the recognition of right-to-use subscription assets and subscription liabilities for those arrangements that were previously expensed as incurred.

We noted no inappropriate accounting policies or practices.

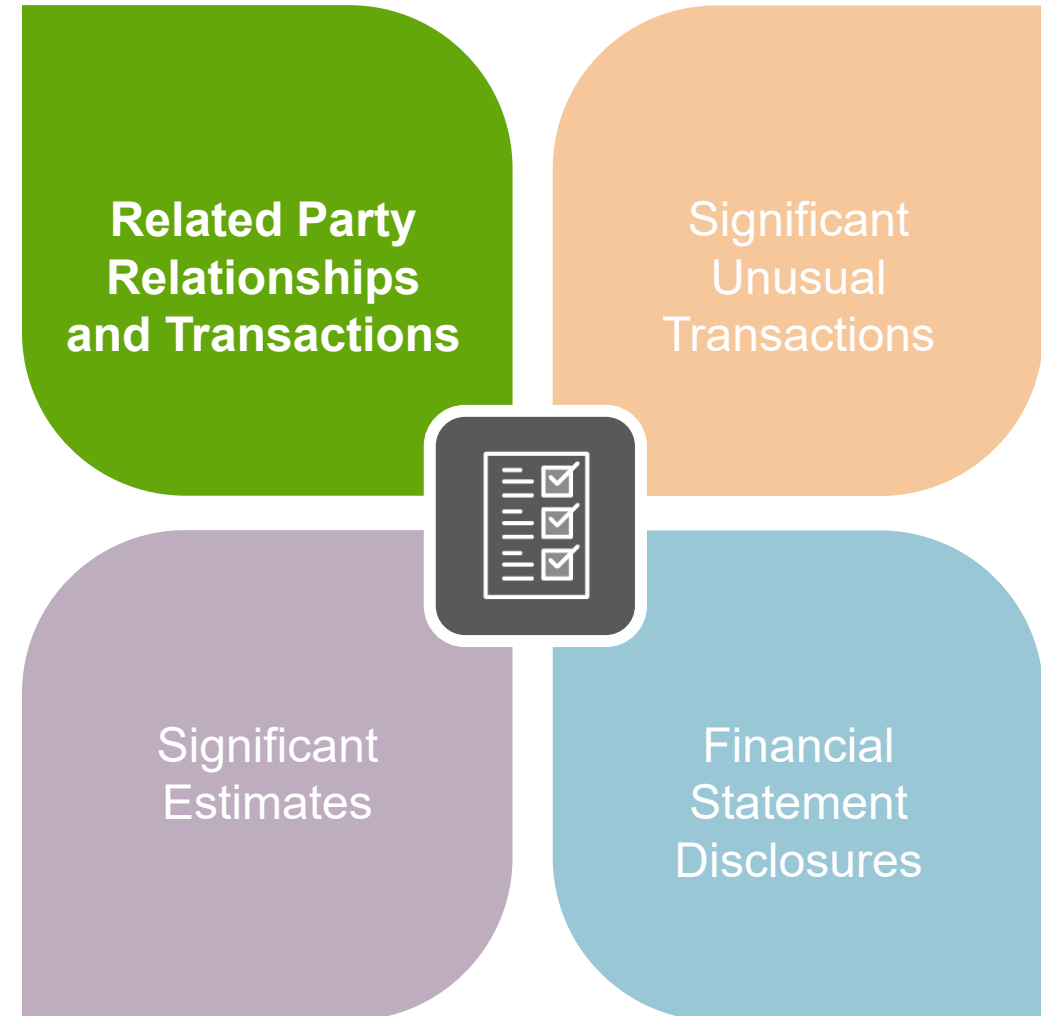


Qualitative Aspects of Accounting Practices

As part of our audit, we evaluated the City's identification of, accounting for, and disclosure of the City's relationships and transactions with related parties as required by professional standards.

We noted none of the following:

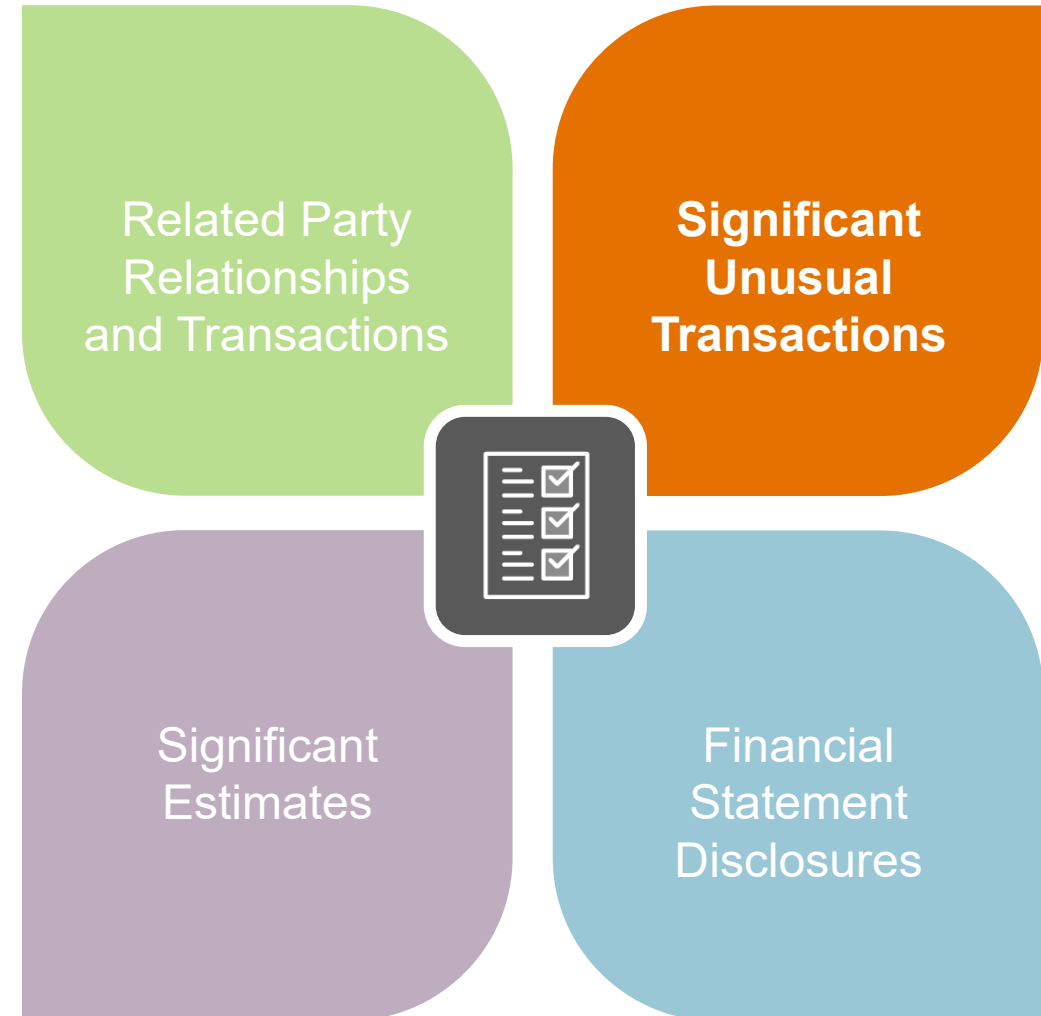
- Related parties or related party relationships or transactions that were previously undisclosed to us;
- Significant related party transactions that have not been approved in accordance with the City's policies or procedures or for which exceptions to the City's policies or procedures were granted;
- Significant related party transactions that appeared to lack a business purpose;
- Noncompliance with applicable laws or regulations prohibiting or restricting specific types of related party transactions; and
- Difficulties in identifying the party that ultimately controls the entity.



Qualitative Aspects of Accounting Practices

We noted no transactions entered into by the City during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

For purposes of this presentation, professional standards define significant unusual transactions as transactions that are outside the normal course of business for the City or that otherwise appear to be unusual due to their timing, size, or nature. We noted no significant unusual transactions during our audit.

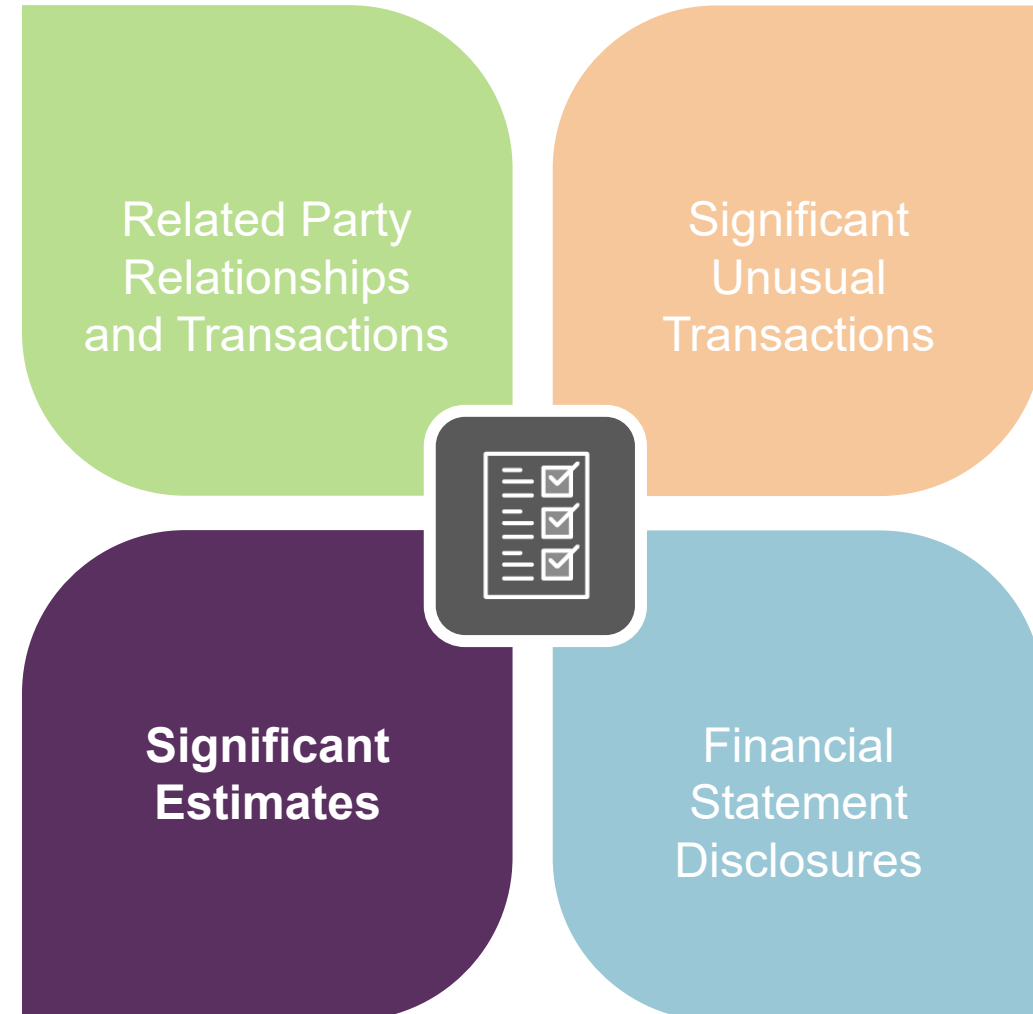


Qualitative Aspects of Accounting Practices

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the financial statements were:

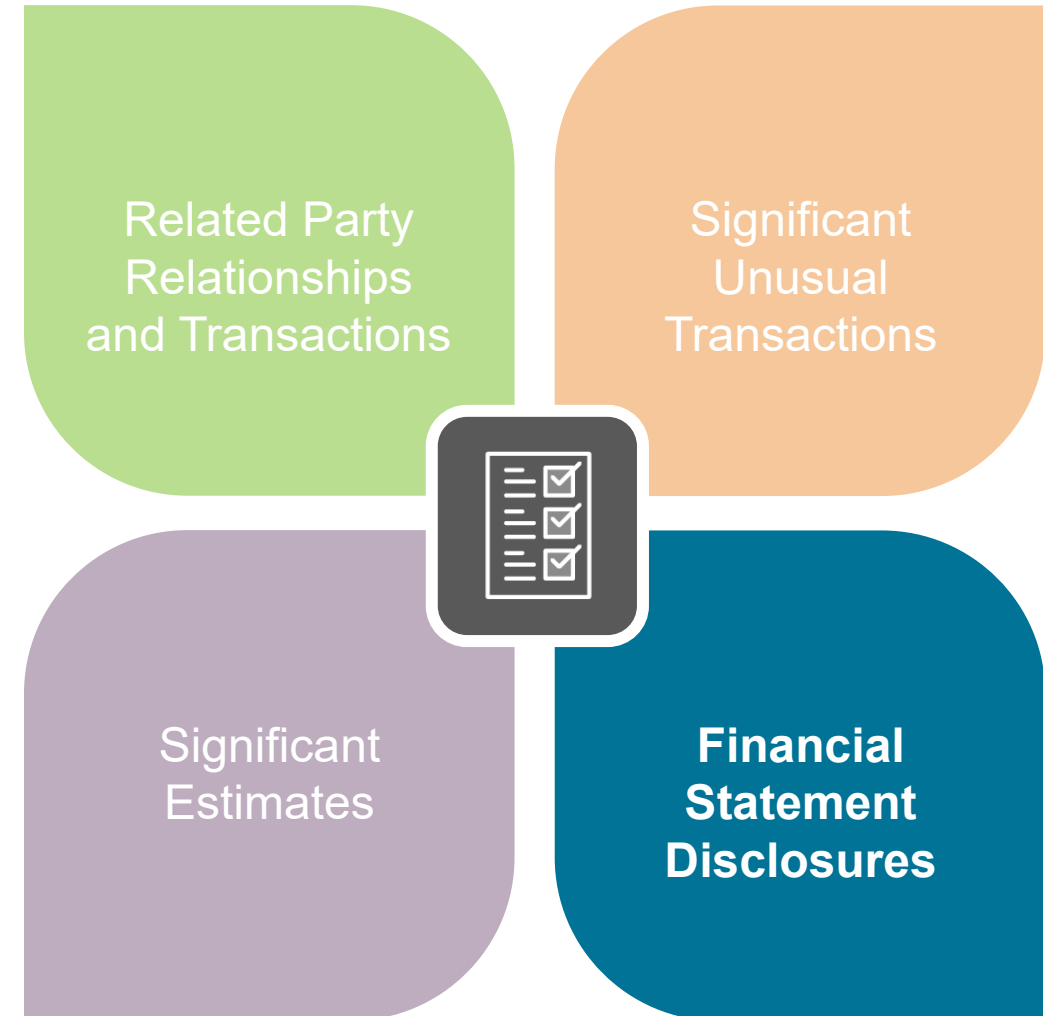
- ❖ Accrual for unbilled revenue (utilities)
- ❖ Allowance for uncollectible accounts
- ❖ Depreciable lives and estimated residual value of capital assets
- ❖ Leases and Subscription Based IT Arrangements
- ❖ Fair value of investments
- ❖ Defined benefit plans (LGERS and LEOSSA) liabilities and related deferred inflows and outflows of resources
- ❖ Other postemployment benefit plan (OPEB) liability and related deferred inflows and outflows of resources
- ❖ Municipal solid waste landfill obligations

We evaluated the key factors and assumptions used to develop these estimates in determining that it is reasonable in relation to the financial statements taken as a whole.



Qualitative Aspects of Accounting Practices

The financial statement disclosures are neutral, consistent, and clear.



Independence Considerations

Nonattest Services

- ▶ We have prepared the appropriate sections of and signed the Data Collection Form.
- ▶ For all nonattest services we perform, you are responsible for designating a competent employee to oversee the services, make any management decisions, perform any management functions related to the services, evaluate the adequacy of the services, and accept overall responsibility for the results of the services.

Independence Conclusion

- ▶ We are not aware of any other circumstances or relationships that create threats to auditor independence.
- ▶ We are independent of the City and have met our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit.



Other Required Communications

Difficulties Encountered

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Disagreements with Management

Includes disagreements on a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report.

Auditor Consultations

We noted no matters that are difficult or contentious for which the auditor consulted outside the engagement team.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated October 30, 2023.



Other Required Communications

Management Consultations

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a “second opinion” on certain situations.

To our knowledge, there were no such consultations with other accountants.

Other Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year.

These discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Fraud and Illegal Acts

As of the date of this presentation, no fraud, illegal acts, or violations of laws and regulations noted.

Going Concern

No events or conditions noted that indicate substantial doubt about the City’s ability to continue as a going concern.



Other Matters

Required Supplementary Information

We applied certain limited procedures to management's discussion and analysis and required supplemental information ("RSI"), as listed in the table of contents, which supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.



Supplementary Information

We were engaged to report on the accompanying combining and individual fund financial statements and schedules, other supporting schedules and schedule of expenditures of federal and state awards, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.



Other Matters

Other Information

We were not engaged to report on the introductory and statistical section, which accompany the financial statements but are not RSI. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements themselves and, accordingly, we do not express an opinion or provide any assurance on it.



Upcoming Financial Reporting Changes

These standards will be effective for the City in the upcoming years and may have a significant impact on the City's financial reporting.

We would be happy to discuss with management the potential impacts on the City's financial statements and how we may be able to assist in the implementation efforts.

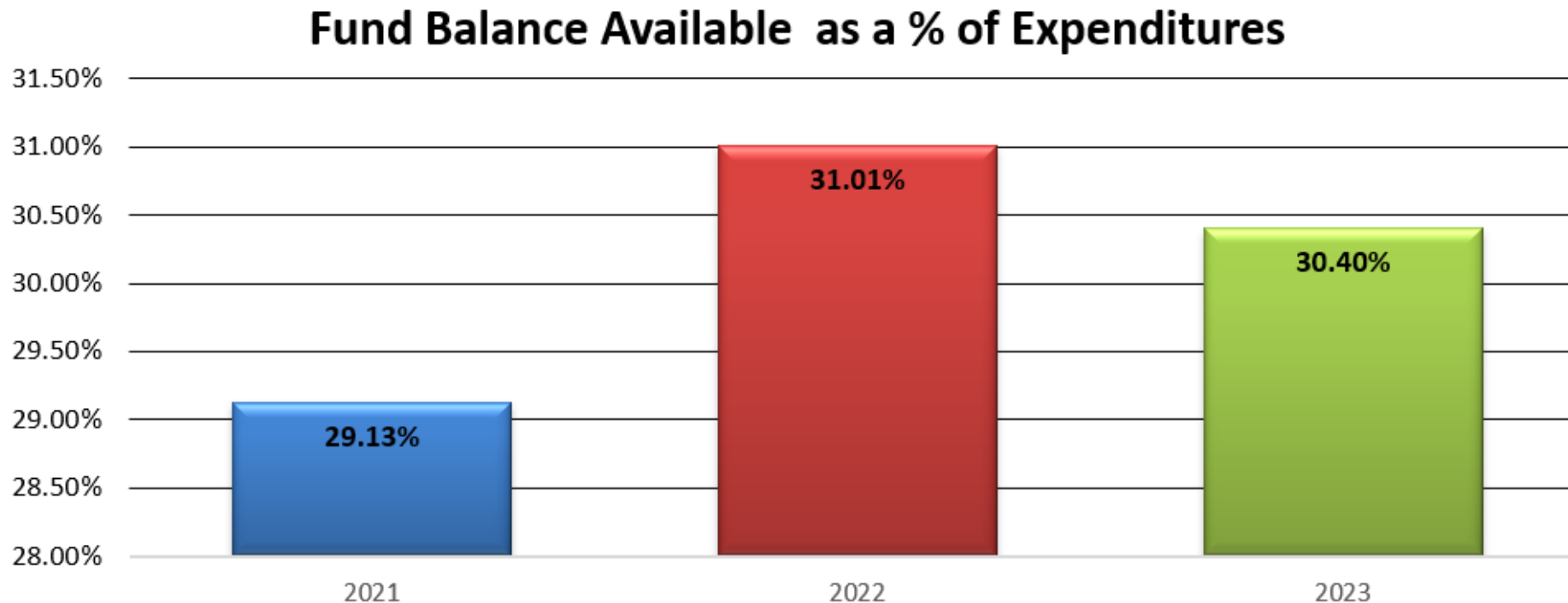
GASB 100 –
*Accounting
Changes and Error
Corrections*

GASB 101 –
*Compensated
Absences*



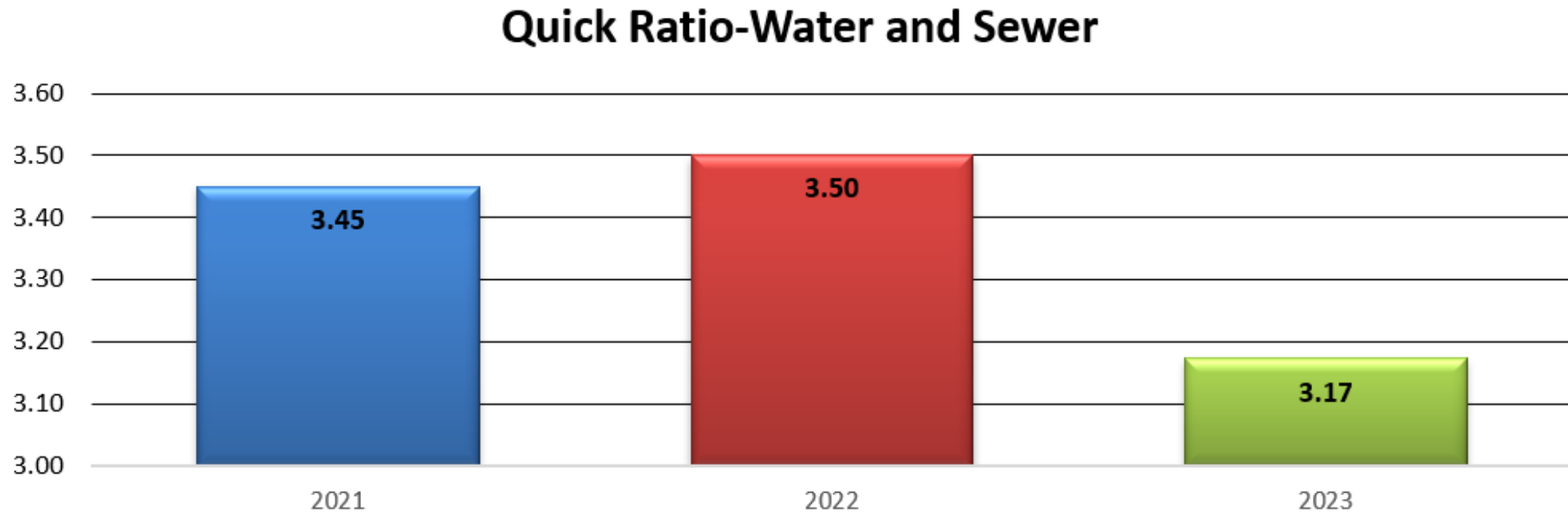
Local Government Commission (LGC) Performance Indicators – General Fund

* Included in the LGC's calculation is the municipal debt service fund balance



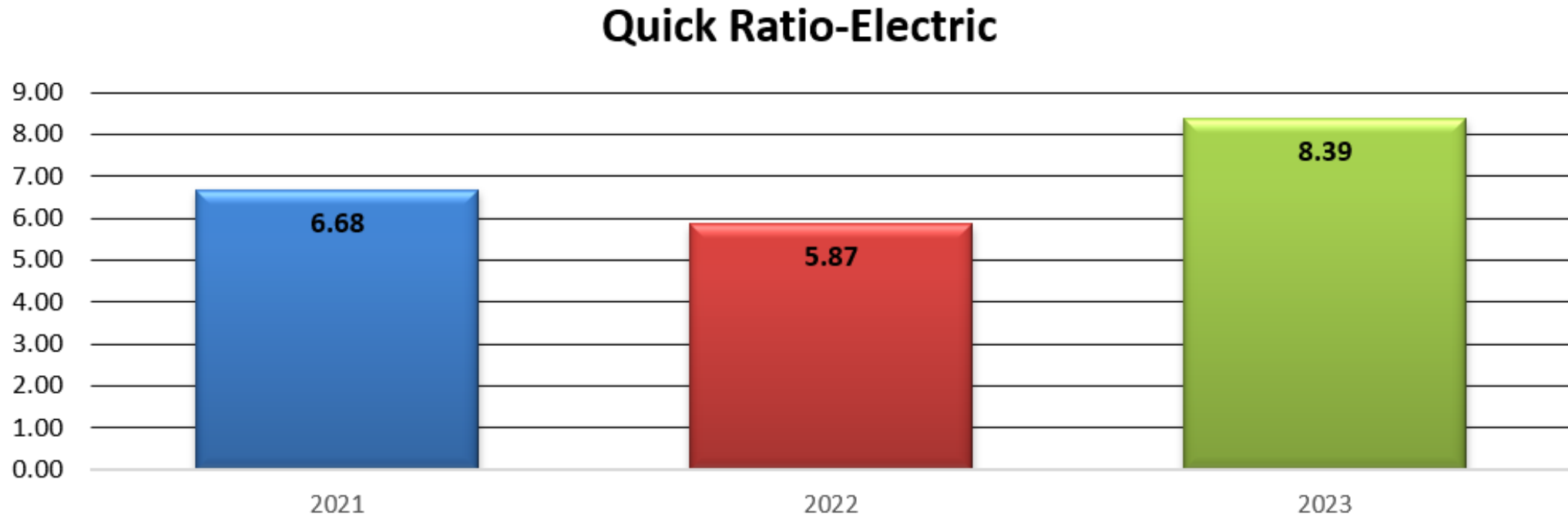
✓ LGC Required Minimum Threshold – 25%

LGC Performance Indicators – Quick Ratio – Water and Sewer



- ✓ LGC Required Minimum Threshold – Equal or greater than 1.00

LGC Performance Indicators – Quick Ratio – Electric



✓ LGC Required Minimum Threshold – Equal or greater than 1.00



LGC Performance Indicators – Water and Sewer

Performance Indicator	2023	Minimum Threshold
Operating net income (loss) excluding depreciation, including debt service principal and interest	\$11,114,809	Greater than \$-0-
Unrestricted cash / total expenses excluding depreciation, including debt service principal	83.58%	Greater than 16% (2 months)
Water and Sewer Condition of Assets	0.50	Remaining useful life of asset greater than or equal to 0.50



LGC Performance Indicators – Electric

Performance Indicator	2023	Minimum Threshold
Operating net income (loss) excluding depreciation, including debt service principal and interest	\$12,078,935	Greater than \$-0-
Unrestricted cash / total expenses excluding depreciation, including debt service principal	63.42%	Greater than 16% (2 months)



LGC Performance Indicators

Audit Report –

- ✓ No financial performance indicators of concern noted.
- ✓ Submitted within five (5) months from fiscal year-end.
- ✓ Change in fund balance of General Fund was positive
- ✓ Budgeted tax levy for the General Fund had less than 3% uncollected
- ✓ Effective pre-audit process to avoid pervasive budget violations
- ✓ No late debt service payments or debt covenant compliance issues
- ✓ No statutory violation within Annual Comprehensive Financial Report

One Item Requiring Response to Local Government Commission (within 60 days):

- ✓ One (1) significant deficiency



Questions

Daniel T. Gougherty, CPA

Director

dgougherty@cbh.com

(704) 940-2631

Christa M. Long, CPA

Manager

christa.long@cbh.com

(704) 940-2658

About Cherry Bekaert LLP

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CBH.com



CITY OF HIGH POINT

AGENDA ITEM



TITLE: Risk Manager Position Request	
FROM: Bobby Fitzjohn, Financial Services Director	MEETING DATE: November 20, 2023
PUBLIC HEARING: n/a	ADVERTISED DATE/BY: n/a
ATTACHMENTS: Risk Management Presentation	

PURPOSE:

A new position is necessary to centralize risk management and streamline our risk management practices.

BACKGROUND:

The Financial Services Department requests the addition of a Risk Manager position to oversee risk management city-wide. The City's current practice of a decentralized risk management program is not in line with other cities of our size and complexity. This position will be tasked with providing dedicated support to our risk management program and serve as the point of contact with citizens, staff, and our third-party administrators that manage claims on the City's behalf. The position will also be responsible for coordinating city-wide training and serve as the ADA coordinator.

Funds held in outside investment pools are returning to the City to be held in reserve for future claims. Investment income from these funds and internal charges will be utilized to fund our risk management program and this position.

BUDGET IMPACT:

This position will be funded by vacancy savings in FY24. The full cost of the position will be included in the FY25 budget recommendation.

RECOMMENDATION/ACTION REQUESTED:

The Financial Services Department requests the approval of a new Risk Manager position.



RISK MANAGEMENT

Bobby Fitzjohn
Financial Services Director



HOW WE MANAGE RISK

- Self-Insured
 - Excess coverage is purchased for workers compensation (w/c), general, and cyber liability
 - Property insurance policy
- Third-Party Administrators (TPAs) manage w/c and general/auto liability claims.
- Guilford City/County Insurance Advisory Committee (GCCIAC)



HOW WE MANAGE RISK (continued)

- Decentralized
 - Human Resources – w/c Analyst and w/c TPA, 2 safety officers
 - Legal – advises TPA and City staff on liability/immunity
 - Finance - insurance applications, statement of values (property), coordinate site visits, POC with GCCIAC
- Cost Recovery
 - Rely on our relationship with GCCIAC and TPA for cost recovery based on department referral



CENTRALIZING RISK

- Creation of a Risk Manager position
 - Provide dedicated support
 - Serve as POC for citizens, staff, and TPAs regarding claims
 - Coordinate city-wide trainings
 - Serve as ADA Coordinator
- Establish an internal service fund
 - Increased accountability and transparency of claim activity
 - Funds held in outside investment pools are returning to the City to be held in reserve
- Funding
 - Interest income from reserve funds and internal charges will fund the program
 - Risk Manager will be charged with maximizing cost recovery



NEXT STEPS

- Bring new position request for Risk Manager to the 11/14 Finance Committee Meeting for the 11/20 Council Meeting
- Upon approval we will begin recruitment immediately
- Coordinate effort between Finance, HR, and Legal to transition risk-related duties to the Risk Manager



Questions?

CITY OF HIGH POINT

AGENDA ITEM



TITLE: Real Property Acquisition – 726 W. Grimes St.	
FROM: Eric Olmedo, Assistant City Manager	MEETING DATE: November 20, 2023
PUBLIC HEARING: N/A	ADVERTISED DATE/BY: N/A
ATTACHMENTS: Map	

PURPOSE:

To consider purchase of 726 W. Grimes Street to enhance the campus of the 300 Oak project.

BACKGROUND:

The undeveloped property at 726 W. Grimes is immediately adjacent to the 300 Oak property. This property is .55 acres and the purchase price is \$51,000. Acquiring this property will provide additional development opportunities adjacent to the 300 Oak campus.

BUDGET IMPACT: Funding is available in the Capital Projects budget.

RECOMENDATION /ACTION REQUESTED:

City Council is requested to approve purchase of the property at 726 W. Grimes and to authorize the appropriate city official to execute all necessary documents.



CITY OF HIGH POINT
AGENDA ITEM



Local Government Commission
3200 Atlantic Ave
Raleigh, NC 27604

November 20, 2023



Response to the Auditor's Findings, Recommendations, and Fiscal Matters

Finding 2023-001, Significant Deficiency

In Fiscal Year 2022-23, Finance staff discovered reoccurring revenues related to two existing leases that were not identified during the implementation of GASB statement number 87 in the prior year. To prevent future occurrences of this deficiency, prior to the end of Fiscal Year 2023-24, staff will direct all lease revenue to a single revenue account and all lease expenses to a single expense account to allow for a more complete review. Additional staff training will take place to ensure this process is followed throughout the City.

A handwritten signature in black ink, appearing to read "Jay W. Wagner".

Jay W. Wagner, Mayor

A handwritten signature in black ink, appearing to read "Wesley Hudson".

Wesley Hudson, Mayor Pro Tem, Ward 4

Britt W. Moore, Member At-Large

Tyrone E. Johnson, Member At-Large

Cyril Jefferson, Ward 1

A handwritten signature in black ink, appearing to read "Christopher Williams".

Christopher Williams, Ward 2

A handwritten signature in black ink, appearing to read "Monica Peters".

Monica Peters, Ward 3

Victor Jones, Ward 5

A handwritten signature in black ink, appearing to read "Michael Holmes".

Michael Holmes, Ward 6

CITY OF HIGH POINT

AGENDA ITEM



TITLE: High Point Transit System (HPTS) Bus Replacement	
FROM: Greg Venable, Transportation Director	MEETING DATE: November 20, 2023
PUBLIC HEARING: N/A	ADVERTISED DATE/BY: N/A
ATTACHMENTS: Capital Project Ordinance Amendment	

PURPOSE: Consideration of the purchase of a new 35-foot Diesel Bus from New Flyer of America

BACKGROUND: This is a replacement bus for an HPTS bus that was involved in an accident in July of 2022 at the intersection of W. Kearns Avenue and S. Main Street. The accident resulted in the total loss of the bus and a new replacement bus is needed.

BUDGET IMPACT: The City of High Point was a party to a consortium bid for the purchase of buses. Piedmont Authority for regional Transportation (PART) served as the lead agency. The procurement was competitively bid seeking the lowest, responsive bid from a responsible party. This bus is being purchased off that contract. The cost of the bus replacement is \$707,518. A capital project ordinance amendment appropriating insurance reserves is included with this item.

RECOMMENDATION/ACTION REQUESTED: Staff recommends approval of this agreement, approval of the capital project ordinance amendment, and allowing appropriate city staff to execute all associated documents.



**"AN CAPITAL PROJECT ORDINANCE AMENDMENT
OF THE CITY OF HIGH POINT, NORTH CAROLINA
FOR A REPLACEMENT BUS**

Be it ordained by the City Council of the City of High Point, North Carolina, that,
pursuant to Section 13.2 of Chapter 159 of the General Statutes of North Carolina, the
following Capital Project Ordinance is hereby adopted:

- Section 1. A High Point Transit System bus was involved in an accident in July of 2022 at the intersection of W. Kearns Avenue and S. Main Street. The accident resulted in the total loss of the bus and a new replacement bus is needed.
- Section 2. The following revenue is available to the City of High Point:
- | | |
|--------------------|-----------|
| Insurance Reserves | \$707,518 |
|--------------------|-----------|
- Section 3. The following amounts are appropriated for the Project:
- | | |
|-----------------|-----------|
| Bus Replacement | \$707,518 |
|-----------------|-----------|
- Section 4. The Financial Services Director is hereby directed to maintain a Capital Project with sufficient detail accounting records to allow compliance with G.S. 159-28 Budgetary accounting for appropriations
- Section 5. Copies of this capital project ordinance shall be made available to the City Manager and the Financial Services Director for direction in carrying out this project."

Adopted by High Point City Council, this the 20th day of November 2023

Jay W. Wagner, Mayor

ATTEST

Sandra Keeney,
City Clerk



High Point Transit System (HITRAN)

**Option Proposal for 1 – 35 Foot Diesel
Bus**

Proposal Table of Contents

Tab 1, Letter of Transmittal

Tab 2, Bus Price Summary

Tab 3, Bus Price Change Detail

Tab 4, Bus Warranty Proposal

Tab 5, Bus Training Proposal

Tab 6, Bus Publications Proposal

Tab 7, Bus Tools and Diagnostics Proposal

Tab 8, Bus Contract Spares Proposal

Tab 9, Bus Delivery Schedule

Tab 10, Bus Technical Summary

Tab 1, Letter of Transmittal

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached our [Letter of Transmittal](#) to High Point Transit System (HITRAN)

Please indicate your acceptance by providing a Purchase Order to New Flyer, attention:

Adrian Graca, Business Segment Director at
Adrian_Graca@newflyer.com



October 26, 2023

Angela Wynes
Manager
City of High Point (HITRAN)
716 West Kivet Road
City of High Point, NC 27262

Subject: **Quotation for Thirty-Five-foot Heavy-Duty Diesel Transit bus**

Dear Angela,

New Flyer is pleased to submit an option price quotation to produce One (1) Thirty-five-foot Heavy-Duty Diesel Transit bus based on New Flyer's agreement with the Piedmont Authority for Regional Transportation.

The proposed buses will be technically configured as per your previous request under New Flyer Option 2021-026 (SR-2674) with the added requested options:

- Genfare Fast Fare Farebox
- Safefleet/Seon NH16K Camera System with 12 Cameras
- Vshield Driver Protection Door
- USSC's Active Air Purification System

The XD35 price per contract is **\$ 707,518/bus USD** which includes Warranty, Publications, and Delivery.

We would like to highlight key elements of our proposal:

Warranty: New Flyer exceeds the industry standard warranties in many areas such as our 5-year / 300,000 miles axle warranty, the standard base bus warranty is 1 year, as per the Piedmont contract, and our 3 years / 150,000 miles multiplex warranty. Please see our Warranty Proposal for more information. Please note that warranty is included in the bus price.

Training: New Flyer Training is an organization within the New Flyer Customer Services group, a division of New Flyer Industries. As a part of the leading manufacturer of heavy-duty transit buses in the United States and Canada, we have access to top design, engineering, propulsion technology, and electrical systems professionals. This allows us to offer the service and expertise to maximize the lifetime value of your fleet. Please see our Training Proposal for more information. Please note that training is not included in the bus price.

Publications: The New Flyer Publications team combines extensive, hands-on technical experience with exceptional writing, illustrating, and publishing skills to create the industry's benchmark in maintenance manuals. They supply accurate information in a timely manner, assisting the customer in the performance of proper bus maintenance, which adds to the overall reliability and lifetime value of each New Flyer bus on the road. Please see our Publications Proposal for more information. Please note that publications are included in the bus price.

Tooling and Diagnostics: Please see our Tools and Diagnostics Proposal for more information. Please note that tooling and diagnostics are not included in the bus price.

Delivery Proposal: New Flyer is proposing a complete delivery by Q1 of 2025 based on a receipt of a Notice to Proceed within 60 days of this submission. Please note that delivery is included in the bus price.

Payment Terms: The following are the terms and conditions of New Flyer's contract payment terms:

- Payment terms are Net 30 days.
- Acceptance is within 15 days of delivery.

This project allows New Flyer the important opportunity to continue our strong relationship with the City of High Point (HITRAN). It also gives us the opportunity again to deliver some of the most advanced vehicles available in North America. We thank you for your continued interest in New Flyer products and look forward to working with you again in the near future.

This quote is open for acceptance for sixty (60) days. Please indicate your acceptance by providing a Purchase Order to New Flyer of America, attention to Adrian Graca, Business Segment Director at Adrian_Graca@newflyer.com.

Sincerely,

NEW FLYER OF AMERICA INC.



Luciana Marques

Technical Sales Manager

431.278.8653

Luciana_Marques@newflyer.com

CC: Chris Dabbs – Regional Sales Manager
Stephanie Laubenstein – Director of Sales & Business Development
Adrian Graca – Business Segment Director
Cindy Campbell – Contract Administrator

Tab 2, Bus Price Summary

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached New Flyer's [Price Summary](#) for One (1) – XD35 bus for High Point Transit System (HITRAN).



Price Change Summary

Property:	City of High Point
Option Origin:	20-013
Sales Release No.:	0
Quantity:	1
Type:	XD35
Price Change No.:	1
Revision:	K
Date:	

	Each	Total
Original Contract Price Base Coach	\$ 471,799.00	\$ 471,799.00
Base Bus Price Change Total	\$ 235,719.72	\$ 235,719.72
Contract Spares Base Bus Price Change Total	\$ -	\$ -
Revised Price Base Bus (including ADA & delivery)	\$ 707,518.72	\$ 707,518.72
Original Contract Price for Contract Spares (If priced separately)		\$ -
Contract Spares Changes (Priced Separately) Total	\$ -	\$ -
Revised Contract Spares Priced Separately		\$ -
Original Contract Price for Miscellaneous (If priced separately)		\$ -
Miscellaneous Price Change Total	\$ -	\$ -
Revised Miscellaneous Priced Separately		\$ -
Original Total Contract Price		\$ 471,799.00
Total Contract Price Changes		\$ 235,719.72
Revised Total Contract Price		\$ 707,518.72

Authorized Signatures:

New Flyer Authorization:

Signature: _____

Title: _____

Date: _____

Property Authorization:

Signature: _____

Title: _____

Date: _____

Tab 3, Bus Price Change Detail

Solicitation Requirements:

N/A

New Flyer Response:

Please see attached New Flyer's [Price Detail Sheet](#).

This sheet includes all price changes that are required to go from the base bus to the proposed configuration, as requested.



Price Change Detail

Property:	City of High Point
Option Origin:	20-013
Sales Release No.:	0
Quantity:	1
Bus Type:	XD35

Price per coach						
Price Change Type	Reference No.	Option No.	Option Group	SRCR No.	Description	Total
Base Bus Price Change	1	600	Customer Options		Genfare FastFare farebox without a trim unit	17,085.09
	2	600	Customer Options		Genfare Interface Software Licence	261.35
	3	526	Seating & Stanchions		Vshield Driver protection door	8,523.59
	4	600	Customer Options		Add USSC Active Air Purification System	6,410.18
	5	600	Customer Options		Safefleet/Seon NH16k Camera system with 12 Cameras	15,979.18
	6	PPI	Producer Price Index		PPI WPU1413 from contract date July 2020 to Latest published rate	134,322.91
	7	600	Customer Options		SR2674 - SRCR's	(4,134.02)
	8	292	Electrical Harnesses		Change to Match SR2674 - Fairing skirts, Fusebox with jump start	367.41
	9	460	Windows		Change to Match SR2674 - Flush Windows	3,391.82
	10	600	Customer Options		Change to Match SR2674 - AVA/AVL system - Clever (Digital recorder) Dest sign - Twin Vision, Front, Side, CS, Front Route (Smart Series)	48,863.63
	11	491	Door Exit		Change to Match SR2674 - Exit door 2/3 top, 1/3 bottom, Vapor Class 3 System	4,033.12
	12	526	Seating & Stanchions		Change to Match SR2674 - AMSECO INSIGHT PRIME	(2,760.80)
	13	549	HVAC System		Add Floor Heaters To Match SR2674	3,376.26
Base Bus Price Change Total						235,719.72
Grand Total						235,719.72

Tab 4, Bus Warranty Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Warranty Proposal](#).

Please note that Warranty Pricing is included as part of the Bus Price.



CONTRACT DELIVERABLES LIST		Warranty		
CUSTOMER NAME		City of High Point (HiTran)		
BID NUMBER		2023-120		
SR #				
CUSTOMER CONTRACT #				
CUSTOMER PO #				
LD DATE				
BUS MODEL		XD35		
QUANTITY		1		
MAJOR COMPONENT DESCRIPTION	BASE AND EXTENDED WARRANTY			COMMENTS
	PROVIDER	YEARS	MILEAGE	
Base Bus Warranty	New Flyer of America	1	50,000	Excluding scheduled maintenance items, acts of nature, or normal consumables
Basic Bus Structure	New Flyer of America	3	150,000	Body, and body structure shall consist of the components that are bolted or riveted to the structure, such as, exterior panels, interior panels, roof, ceiling, and driver's barrier.
Chassis Structure (Integrity)	New Flyer of America	12	500,000	Consists of all components that are welded together to form the main frame (skeleton) and body construction. The structural integrity guarantee covers against a significant loss of structural integrity of the assembly or its functional performance due to non corrosion related failures.
Chassis Structure (Corrosion)	New Flyer of America	12	500,000	Consists of all components that are welded together to form the main frame (skeleton) and body construction. The corrosion guarantee covers against a significant loss of structural integrity of the assembly or its functional performance, resulting from a pertinent loss of cross-section due to corrosion caused by normal environmental elements but excludes corrosion caused by aggressive road de-icers such as Magnesium Chloride or equivalents, unless New Flyer approved preventative measures are taken. The warranty shall be void if the Agency fails to conduct corrosion inspections and scheduled preventive maintenance procedures as specified in the Contractor's maintenance manuals. The Agency shall maintain documentation, auditable by the Contractor, verifying service activities in conformance with the Contractor's maintenance manuals.
Engine	Cummins	5	300,000	All repairs/warranty claims need to be handled through the local authorized repair facility. When the 3 year extended warranty is purchased (5 years total) the following applies: Two Year Base (Full Coverage), years 3,4 & 5 covers components only as per manufacturer's warranty document.
Transmission	Allison	5	300,000	All repairs/warranty claims need to be handled through the local authorized repair facility. When the 3 year extended warranty is purchased (5 years total) the following applies: Two Year Base (Full Coverage), years 3,4 & 5 covers components only as per manufacturer's warranty document.
Axle (Front and Rear)	MAN	5	300,000	Excluding maintenance items & items that are not covered by the OEM's warranty. All friction materials are excluded from this limited warranty. Wear and third party items supplied with the axle (e.g. slack adjuster, seals and bearings, shocks, air bellows, radius rods, brake chambers) are not included in the 5 year warranty. Please see manufacturer's warranty document.
A/C	Thermo King	5	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document. All repairs/warranty claims need to be handled through the local authorized repair facility.
Brake System	New Flyer of America	1	50,000	Friction Material Excluded
Destination Signs	Twin Vision	10	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document. All repairs/warranty claims need to be handled through the local authorized repair facility.
Door Systems	Vapor	5	200,000	Excluding maintenance items & items that are not covered by the OEM's warranty
Air Compressor	Cummins	5	200,000	
Wheelchair Ramp	New Flyer of America	5	200,000	
Electrical System	Parker	3	150,000	Excluding maintenance items & items that are not covered by the OEM's warranty
LED Headlights	J.W.Speaker	6	Unlimited	Warranty covers parts only after first year
Paint	Axalta	5	Unlimited	
Towing	New Flyer of America	5	300,000	Towing is limited to component warranty period only.
Handling (15%)	New Flyer of America	5	300,000	
Alternator	EMP	5	200,000	
Charge Air Cooler	EMP	5	200,000	
Emission Control System	Cummins	5	200,000	Some limitations and exclusions may apply - Please see manufacturer's warranty document. All repairs/warranty claims need to be handled through the local authorized repair facility.
Fire Suppression System	Fogmaker	5	200,000	
Hydraulic System	New Flyer of America	5	200,000	
Exhaust System	New Flyer of America	5	200,000	
Engine Cooling System	EMP	5	200,000	
Air Dryer	Bendix	3	150,000	
Surge Tank	New Flyer of America	5	200,000	
Transmission Oil Cooler	Modine	5	200,000	
Passenger seats	American Seating	7	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Fuel Storage & Delivery System	New Flyer of America	7	300,000	
Surveillance System (Digital Video Recording)	Seon	5	Unlimited	Some limitations and exclusions may apply - Please see manufacturer's warranty document.
Starter	New Flyer of America	3	350,000	
Tires	New Flyer of America	2	24,000	New Flyer Industries Limited warrants the tires installed as original equipment on this vehicle only against defects in materials and workmanship which cause the vehicle to fail to comply with applicable U.S. and Canadian greenhouse gas emission limits ("Warrantable Emissions Failures"). This vehicle emissions limited express warranty relating to original equipment tires is valid for two (2) years or 24,000 miles whichever occurs first.
Greenhouse Gas Emissions-Related Warranty (Idle Reduction Systems)	New Flyer of America	5	100,000	Aluminum Wheels, Emissions-related warranty on Neutral-Idle or Start/Stop idle reduction systems, as defined by the U.S. EPA (not including Allison Standard FuelSense 2.0, Restricted Neutral-at-Stop (NAS), and "Auto-Neutral" functions)

Tab 5, Bus Training Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Training Proposal](#).

Please note that this proposal is for recommended training only. Training courses may be selected by High Point Transit System (HITRAN). New Flyer's training team is happy to advise on selecting the correct training for your needs.

Training is not included in the Bus Price.

CONTRACT DELIVERABLES LIST		CUSTOMER TRAINING	
CUSTOMER NAME		High Point - Piedmont	
BID/OPTION/SR NUMBER		2023-120	
TECHNICAL SUMMARY		SR2674 Rev G	
BUS MODEL		XD35	
QUANTITY		1	
New Flyer Supplied Training			
DESCRIPTION	COMMENTS	QTY HRS.	TOTAL SELLING PRICE AT BID
Operator Orientation		4	\$986.85
Maintenance Orientation		4	\$986.85
Multiplex System		32	\$7,894.80
Entrance & Exit Doors		4	\$986.85
Wheelchair Ramp		4	\$986.85
Brake Systems and Axles		16	\$3,947.40
Air System and ABS		8	\$1,973.70
Suspension and Steering		8	\$1,973.70
Electric Fan Drive		4	\$986.85
Coolant Loop Fill Procedure		4	\$986.85
Towing		4	\$986.85
Body and Structure		4	\$986.85
OEM/Subcontractor Supplied Training			
DESCRIPTION	COMMENTS	QTY HRS.	TOTAL SELLING PRICE AT BID
Engine Maintenance		16	\$7,020.00
Transmission Maintenance		16	\$7,020.00
HVAC Maintenance		8	\$4,050.00
Fire Suppression		8	\$2,700.00
Destination Sign		6	\$4,455.00

Tab 6, Bus Publications Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Publications Proposal](#).

Please note that Publications on the attached is included in the Bus Price.

CONTRACT DELIVERABLES SHEET		PUBLICATIONS rev a. October 10, 2023
PRIMARY CUSTOMER NAME		HITRAN - High Point
PUBLICATIONS CUSTOMER NAME		HITRAN - High Point
BID NUMBER		2023-120
SR #		
BUS MODEL		XD35
QUANTITY		1

0 HITRAN - High Point

New Flyer Standard Bus Publications				This is for one XD35 Option Build of 1 Bus Only
DESCRIPTION	QTY	CUSTOMER DELIVERY	UPDATES (years)	COMMENTS
Emergency Responder Guide (ERG - 8.5x11 laminated paper)	1	With First Bus Delivery	6	Emergency information to be on board each bus
Operator's Guide (8.5x11 3-hole Regular Paper)	1	With First Bus Delivery	6	
Parts Manual (8.5x11 3-hole Regular Paper)	1	Within 30 Business Days After First Bus Delivery	6	
Service Manual (8.5x11 3-hole Regular Paper)	1	Within 30 Business Days After First Bus Delivery	6	
Final Bus System Drawings Manual (11x17 3-hole regular paper includes air, electr, hydraulic, cooling, PLC HVAC layouts and schematics)	1	Within 30 Business Days After First Bus Delivery	6	
TIV USB	1	Within 30 Business Days After First Bus Delivery	6	USB Includes only NF Manuals plus OEM manuals listed with "" below
OEM Supplier Publications				This is for one XD35 Option Build of 1 Bus Only
DESCRIPTION	QTY	CUSTOMER DELIVERY	UPDATES (years)	COMMENTS
Cummins L9 (CM24350) 2021EPA Engine OEM Vendor Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		Not available. Parts information available on Cummins website
Fault Code Troubleshooting Manual (Vol 1 - 6)	1	"	N/A	
Service Manual (Vol 1 - 2)	1	"	N/A	
Operation & Maintenance Manual	1	"	N/A	
Owners Manual	1	"	N/A	
ALLISON B400 Transmission Gen 5 OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
Service Manual - Gen4/5	1	"	N/A	*
Parts Manual - Gen4/5	1	"	N/A	*
Troubleshooting Manual - Gen 5	1	"	N/A	*
Principals of Operation Manual - Gen 5	1	"	N/A	*
Mechanics Tips - Gen 5	1	"	N/A	*
Operator's Manual - Gen 5	1	"	N/A	*
Thermo King HVAC OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
Unit Operation & Maintenance Manual	1	"	N/A	*
Intelligaire III Controls Diagnostic Manual	1	"	N/A	*
EMP Cooling System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
MH4 Cooling System Service Manual	1	"	N/A	*
MH4 Cooling System Troubleshooting Manual	1	"	N/A	*
WABCO ABS System OEM Manual (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
ABS Maintenance Manual	1	"	N/A	*
Twin Vision Destination Sign OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
Operation & Maintenance Manual	1	"	N/A	*
Clever Devices AVA/AVL System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
Operation & Maintenance Manual	1	"	N/A	*
Fogmaker FS System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
Operation & Maintenance Manual	1	"	N/A	*
UTA APC System OEM Manual Set (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
System User Guide	1	"	N/A	*
SafeFleet Video Surveillance System OEM Manual (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
SEON System Hardware User Guide	1	"	N/A	*
SEON System Software User Guide	1	"	N/A	*
Vansco Multiplexing System OEM Manual (includes only the following)		With First Bus Delivery or Soon After Receiving From OEM Supplier		
Hardware User Guide	1	"	N/A	*
Software User Guide	1	"	N/A	*

Tab 7, Bus Tools and Diagnostics Proposal

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Tools and Diagnostics Proposal](#).

Please note that this proposal outlines New Flyer's recommended tools and diagnostics package required to maintain the Xcelsior® bus. The package acts as a shopping list for High Point Transit System (HITRAN) to select from, as required.

The corresponding prices are not included in the Bus Price.

CONTRACT DELIVERABLES LIST		DIAGNOSTICS & TOOLS					
CUSTOMER NAME		High Point - Piedmont					
BID/OPTION/SR NUMBER		2023-120					
TECHNICAL SUMMARY		SR2674 Rev G					
BUS MODEL		XD35					
QUANTITY		1					
SHIPPING ADDRESS (DIFFERENT THAN ABOVE)	(IF)	COMMENTS	DESCRIPTION	QUOTED PART #	BID QTY	UNIT SELLING PRICE	EXTENDED SELLING PRICE
			Diagnostic Equipment				
		for use with all diagnostic software	Panasonic FZ55 Toughbook Laptop	6502351	1	\$3,408.33	\$3,408.33
		Product Drivers - NEXIQ.com	Nexiq USB Link™ 3 - WIFI/Bluetooth Edition	6494933	1	\$1,231.46	\$1,231.46
		INSITE™ Engine Diagnostics Cummins Inc.	Cummins Insite Software	NPN	1	\$0.00	\$0.00
		Requires annual renewal	Cummins Insite Lite (1st year subscription)	6339520	1	\$1,582.52	\$1,582.52
		Requires annual renewal	Insite Lite - 1-yr Renewal	6495522	1	\$1,582.52	\$1,582.52
		Requires annual renewal	Cummins Insite Pro (1st year subscription)	6339521	1	\$1,693.40	\$1,693.40
		Requires annual renewal	Insite Pro - 1-yr Renewal	6495523	1	\$1,693.40	\$1,693.40
		Requires annual renewal	Allison DOC Premium - 1st yr subscription	6469849	1	\$1,677.51	\$1,677.51
		Requires annual renewal	Allison DOC Premium - 1-yr Renewal	6474918	1	\$662.18	\$662.18
		Requires annual renewal	Wabco ABS Software (1st yr subscription)	6334596	1	\$412.02	\$412.02
			Software - Wabco ABS 1-yr Renewal	6495817	1	\$412.02	\$412.02
		Software included in kit	Intelligence III Diagnostic Software & Cables	6393934	1	\$2,249.96	\$2,249.96
		EMP : Drivers & Downloads (emp-corp.com)	EMP Software	NPN	1	\$0.00	\$0.00
		https://luminator.zendesk.com/hc/en-us/requests/new	Twin Vision MIE Software	NPN	1	\$0.00	\$0.00
		http://divapps.parker.com/divapps/igqan/VanscoVMM	Vansco Software	NPN	1	\$0.00	\$0.00
		http://divapps.parker.com/divapps/igqan/VanscoDLA.html	Vansco 1210 Chooser	NPN	1	\$0.00	\$0.00
			Cable - Transtech VR Interface	6488984	1	\$321.81	\$321.81
		https://promo.parker.com/promotionsite/parker-smarttrider	Smarttrider Software	NPN	1	\$0.00	\$0.00
			Vapor Class System Diagnostic Interface Kit	6358421	1	\$89.22	\$89.22
		kkobel@wabtec.com	Vapor Class System Software	NPN	1	\$0.00	\$0.00
			Special Tools				
			Kit - Lift Tow Universal	6396565	1	\$286.79	\$286.79
			Kit - Lift Tow Receivers	6396567	1	\$1,658.50	\$1,658.50
			Xcelsior Flat Tow adapter (2 pcs. Per set)	6395097	1	\$3,164.91	\$3,164.91
			Assy - Frame Flat Towing	902990	1	\$5,871.29	\$5,871.29
			Jacking Adapters	434434	1	\$1,056.66	\$1,056.66
			Tool - Sway Bar Bushing Removal	566804	1	\$426.18	\$426.18
			Repair Kit - Disc Brakes & Calipers	6408310	1	\$4,100.41	\$4,100.41
			Torque Multiplier	6314711	1	\$2,208.07	\$2,208.07
			Hub Repair Kit - MAN VOK-07 Frt Axle	6408311	1	\$8,285.23	\$8,285.23
			Optional Hub Removal Hydraulic Tool Kit - MAN VOK-07	6458834	1	\$5,306.00	\$5,306.00
			King Pin Press Kit - MAN VOK-07 Frt Axle	6494532	1	\$17,222.53	\$17,222.53
			Hub Repair Kit - MAN HY1350 RR Axle	6408306	1	\$5,397.31	\$5,397.31
			ABS Sensor R&R Kit - MAN HY1350 RR Axle	6408307	1	\$984.96	\$984.96
			Pinion Seal Repair Kit - MAN HY1350 RR Axle	6444302	1	\$2,639.55	\$2,639.55
			Differential Repair Kit - MAN HY1350 RR Axle	6444303	1	\$8,531.35	\$8,531.35
			Optional Tool Kit - MAN HY1350 RR Axle	6444304	1	\$36,038.45	\$36,038.45
			Rebuild Kit - EMP Alternator	6405510	1	\$4,156.33	\$4,156.33
			Coolant System Pressure Tester	660817	1	\$961.15	\$961.15
			Kit - Coolant Pressure Fill	6484741	1	\$2,848.82	\$2,848.82
			Adj Tool - Strg Gear Box Press Relief	6465265	1	\$309.02	\$309.02
			Depth Punch - Strg Gear Box Press Relief	6465266	1	\$185.41	\$185.41
			Flow Meter Tester - Strg Gear Box	140809	1	\$1,221.32	\$1,221.32
			Puller Tool - Pitman Arm	6394270	1	\$449.62	\$449.62
			Alignment Tool - Flex Connector	6360381	1	\$809.42	\$809.42
			Eng/Trans Dolly - Universal	086444	1	\$2,848.01	\$2,848.01
			Cummins L9 Service Tool Kit	6484110	1	\$27,138.78	\$27,138.78
			Kit - Allison Service Tools	6360446	1	\$10,132.53	\$10,132.53
			TK R134a A/C Tool Kit	6350866	1	\$23,284.68	\$23,284.68
			Fogmaker Tool - Manual Push Button Tester	6407366	1	\$137.35	\$137.35
			Fogmaker Filling Tool - Piston Accumulator	6448969	1	\$709.26	\$709.26
			Fogmaker Filling Tool Kit	6448970	1	\$324.43	\$324.43
			Fogmaker Evac/Refill Tool - Detection Cylinders	6448971	1	\$214.79	\$214.79
			Fogmaker Gas Filling Tool - Detect Cyls/Piston Accum	6448972	1	\$984.00	\$984.00
			Fogmaker System Flushing Kit	6448973	1	\$298.40	\$298.40
			Fogmaker Filling Kit - Piston Accumulator	6448974	1	\$5,257.70	\$5,257.70

Tab 8, Bus Contract Spares Proposal

Solicitation Requirements:

N/A

New Flyer Response:

No Contract Spares have been requested.

Tab 9, Bus Delivery Schedule

Solicitation Requirements:

N/A

New Flyer Response:

New Flyer's [Delivery Schedule](#) for the proposed bus has not been determined, exact dates are not available as of yet. Estimated line entry is Q1 2025. A delivery schedule will be forwarded to you when the dates have been determined.

Tab 10, Bus Technical Summary

Solicitation Requirements:

N/A

New Flyer Response:

Please see the attached New Flyer [Technical Summary](#) for the proposed bus.

Option#	Description	Tech Summary Description
100-00	COACH LENGTH	Xcelsior - 35' coach.
100-03	STRUCTURAL MATERIAL	(B),Carbon steel/ferritic sst.
100-04	FUEL TYPE	(B),Diesel, compatible up to 20% biodiesel.
100-05	EPA/ENGINE MODEL YEAR	2021
100-0B	POWERTRAIN CAN BAUD RATE	(B),500kbps.
100-0W	CUMMINS L9 DIESEL ENGINE CERTIFICATION	(B),EPA ONLY.
201-01	FRONT BUMPER	(S),Romeo Rim, three piece, front bumper.
201-03	FRONT TOWING PROVISIONS	(B),Basic set-up, incorporated in front chassis. Tow adapters are required.
201-05	REAR BUMPER	(B),Romeo Rim, three piece, rear bumper with anti-ride feature.
203-01	FRONT AXLE	(B),M.A.N. VOK-07-F, GAWR 15,873 lbs. With disc brakes. Hub mount, Knorr cylinders, Ferodo lining with low copper (<5%) brake pads.
203-02	SECUREMENT OF BRAKE LININGS	(S),Bonded.
203-06	SHOCK ABSORBERS	(S),Koni.
203-0A	FRT AXLE AND WHEEL SPLASH APRONS	(B),Basic, full width, fore of axles and wheels.
203-0B	RADIUS ROD BUSHINGS	(B),Windowed
204-01	REAR AXLE	(B),M.A.N. 4.56:1. Model HY-1350-F. GAWR 28,660 lbs. With disc brakes, hub mount, Knorr cylinder, Ferodo lining with low copper (<5%) brake pads.
204-03	REAR AXLE GEAR OIL	(B),Petroleum based.
204-09	REAR AXLE DRAIN PLUGS	(B),Magnetic external hex head.
204-0A	REAR AXLE MUD FLAP	(B),One aft of rear axle. (Requirement is determined by local climate, ice build-up, high ambient temperature.)
204-0C	REAR WHEEL MUD FLAP	(B),One aft of each rear wheel.
205-01	TIRE SUPPLIER	(B),NFIL supplied tires
205-06	WHEELS	(A),Alcoa 22.5" x 8.25" aluminum. Polished finish.
205-0J	STEERING AXLE TIRES	(B),305/70R/22.5, Firestone CTRAZ (65 mph).
205-0M	REAR AXLE TIRES	(B),305/70R/22.5, Firestone CTRAZ (65 mph).
209-01	POWER STEERING PUMP	(S),ZF/TRW power steering pump powered off engine accessory drive.
209-02	POWER STEERING HOSES	(B),NFIL (Manuli) Equator 2 and GH100 hose at steering box and NFIL (Manuli) Equator 2 in engine compartment.
209-05	POWER STEERING RESERVOIR	(S),Required.
209-08	POWER STEERING DRAIN PLUG	(B),Magnetic plug.
209-09	POWER STEERING UNIT	(S),Sheppard M110, power assisted, frame mounted.
209-0A	POWER STEERING SYSTEM FLUID	(B),Dexron III, mineral based.
218-01	BYPASS OIL FILTER	(A),Spinner II (model 576) centrifugal.
218-02	BYPASS OIL FILTER HOSES	(B),NFIL (Manuli) Equator 1
219-01	FUEL/PROPULSION SYSTEM	Non-hybrid with L9 diesel engine.
219-02	PROPULSION,HP,TORQUE,TYPE	(S),Cummins L9 2021 emissions-standard diesel engine, 280 horsepower with 925 LB FT torque. Uses a heat exchanger for the isolated cabin heating loop. Refer to 100-05 for EPA/Engine Model Year.
219-05	AIR COMPRESSOR	(B),Wabco HD 30.4, twin cylinder, turbo aspirated.
219-07	STARTER (ELECTRIC)	(B),Delco 42MT, 24 volt heavy duty cranking motor, integrated magnetic switch, with PLC cut-out.
219-09	CUMMINS DIESEL FUEL FILTERS	(B),For ISL's, Cummins primary and secondary fuel filter system.
219-0B	CUMMINS DIPSTICK, LOCATION	(S),Static oil level indicator, on streetside of engine.
219-0C	ENGINE & TRANS FLUID FILL TAGS	(S),For engine and transmission dipsticks.

Option#	Description	Tech Summary Description
219-0D	ROAD SPEED	(B),Top road speed is governed. Set at 65 MPH (105 KPH).
219-0M	TRANSMISSION/HYBRID DRIVE/TRACTION MOTOR	(B),Allison B400R (with retarder).
219-0P	TRANSMISSION SHIFTING	(S),Foot on brake enables shift when in neutral.
219-0R	ALLISON TRANSMISSION SPEEDS	(B),Primary mode: 6 speed Performance, secondary mode: 6 speed Economy.
219-0T	ALLISON NON-HYB TRANS RETARDER	(B),1 stage from accelerator (25% retarder), 2 stages from brake pressure (66% and 100% retarder at 4 and 6 PSI).
219-0U	ALLISON TRANS FLUID LEVEL DISPLAY	(B),Display provided.
219-0Y	ALLISON TRANSMISSION PROGNOSTICS	(B),The ECU program has Prognostics set to ON but DISABLED. The customer can ENABLE as desired. Prognostics: Oil Life Monitor, Filter Life Monitor, Transmission Health Monitor. Must use Transynd fluid.
219-15	ALLISON FUEL SENSE PACKAGE	(B),FuelSense 2.0 Max with DynActive infinitely variable shift scheduling, Dynamic Shift Sensing, improved Neutral at Stop and Acceleration Rate Management.
219-16	ALLISON NAS DEACTIVATION	(B),Brake release.
219-18	FLUID, TRANS/HYBRID DRIVES	(B),Dura Drive HD synthetic
219-1A	ENG/TRANS OIL DRAIN PLUGS	(B),OEM Provided.
219-1C	AIR CLEANER	(B),Donaldson. Reusable housing with disposable cartridge/filter.
219-1D	AIR RESTRICTION INDICATOR	(B),Mechanical gauge mounted directly on air intake tube.
219-1E	EXHAUST SYSTEM	(S),Cummins diesel particulate filter (DPF).
219-1F	EXHAUST TAIL PIPE ORIENTATION	(B),Curved pipe set to 45 degrees to streetside.
219-1G	EXHAUST BLANKETS FOR CUMMINS DIESEL OR CNG	(B),Provided for the exhaust tubes.
219-1U	ENGINE/PROPULSION SWITCH BOX	(B),Propulsion compartment light switch. Located at streetside propulsion compartment strut.
219-1W	ENGINE SPEED CONTROL AT SW BOX	(B),Keypad button (controls engine RPM).
219-22	ENGINE COMPT GAUGES	(S),Programmable CAN communicator. Standard Features: Engine Oil Pressure, Engine Water temperature, Tachometer, 12V/24V battery voltage, Hour Meter, Exhaust Temp, Active Faults, Drivetrain Specific features.
219-25	ENG SWITCHBOX KEYPAD	(B),Includes service light switch, start disabled indicator, wait to start indicator, coolant fill switch/low coolant indicator, rad fan diagnostic indicator/fan reverse switch.
219-27	ENGINE OIL FILL TUBE & CAP	(B),Basic Cummins supplied.
219-28	ALTERNATOR	(B),EMP Power 450.
219-2E	BELT GUARD	(B),The engine pulley guard hinged to open curbside. Yellow powder coated.
219-2F	BELT GUARD LATCHING	(B),SST adjustable draw latch.
219-2G	A/C BELT GUARD	(B),The A/C pulley guard is bolted. Yellow powdercoated.
219-2H	OIL SAMPLING	(A),Required for engine and transmission, using probalizer fittings.
219-2J	OIL SAMPLING, EASY ACCESS	(A),For engine and transmission probalizer fitting located at street side engine strut.
219-2K	DEF(DIESEL EXH FLUID) TANK	(B),Manual fill is set in the lower curbside fusebox access door with NFIL fill cap.
219-2Z	COOLANT PRESSURE FILL HOSE	(B),NFIL (Manuli) Nozone.
231-02	RADIATOR,CAC,HYDR FLUID COOLER	(B),EMP MH4 GEN4 with full diagnostic capabilities. 4 x 15" fans.
231-04	RADIATOR REVERSE FAN SW & DIAG LAMP	(B),Keypad button.
231-06	SURGE TANK	(B),Dual cylindrical SST tanks with isolated cabin heating loop.
231-08	SURGE TANK ENG MAINT & DERATE SENSOR MFR	(B),Fozmula.

Option#	Description	Tech Summary Description
231-09	SURGE TANK PRESSURE TEST PORT	(B),Schrader valve fitting provided.
231-0A	SURGE TANK PRESSURE RELIEF VALVE	(B),Radiator cap (LEV-R VENT), built into surge tank cap.
231-0B	SURGE TANK SIGHT GLASS	(B),Graduated sight glass (glass material).
231-0C	RAD TUBES	(S),SST.
231-0F	COOLANT FLUID/ANTIFREEZE	(B),50/50 pre-mixed distilled water with ethylene glycol with anti-corrosion additive and bittering agent. Pink fluid.
231-0G	TRANSMISSION/HYBRID DRIVE COOLER	(B),Modine LCOC.
231-0H	TRANSMISSION/HYBRID OIL COOLER HOSES	(S),NFIL (Manuli) Equator 1.
231-0K	COOLANT RECOVERY TANK	(B),required.
231-0T	LOWER VENT LINE HOSE	(B),NFIL (Manuli) Nozone.
241-01	DIESEL FUEL TANK MATERIAL	(B),Cross-linked polyethylene.
241-02	DIESEL TANK CAPACITY AND FILL TYPE	(A),100 useable US gallons. Manual fill.
241-03	DIESEL FILLER CAP	(A),Basic screw type.
241-04	DIESEL FUEL SENDER	(S),Required.
241-07	DIESEL FUEL HOSES,ENGINE COMPT	(S),GH100.
241-08	DIESEL FUEL LINES,TANK TO BULKHEAD	(S),Orange, fuel grade nylon tubing.
246-01	AIR COMPRESSOR DISCHARGE LINE	(S),Teflon 2807 SST braided hose.
246-02	BASIC AIR TANKS	(A),Combo Tank 1 (Wet Tank + Primary Brake Tank), Combo Tank 2 (Front Axle Kneeling Tank + Accessory Air Tank), Combo Tank 3(Secondary Brake Tank + Emergency Brake Release Tank).
246-04	AIR TANK DRAIN VALVES	(B),Manual 1/4 turn valve.
246-06	WET TANK DRAIN VALVE	(B),Manual 1/4 turn valve.
246-09	RIDE HEIGHT SENSORS	(B),SmartRider electronic leveling system on front axle and Barksdale mechanical leveling valves on center/rear axles.
246-0A	RIDE HEIGHT SETTINGS,NORMAL	(B),Front ride height is 4.0" axle to bump stop.
246-0E	DOOR INTERLOCK	(B),Applied to entrance and exit doors. Foot on brake to release interlock, applied via multiplex system programming.
246-0G	DRIVER'S PARK BRAKE ALARM	(A),A switch in the driver's seat cushion triggers the kneeling alarm to alert the driver that the park brake is not set. A light at the instrument panel is also activated.
246-0H	PARK BRAKE PRESSURE SETTING	(S),40 psi auto-apply park brake valve. 60 psi pressure switch for park brake light activation.
246-0K	AIR DRYER	(A),Bendix AD9 Tandem air dryer with IPC (Integrated Puraguard Cartridge).
246-0M	AIR DRYER LOCATION	(B),Behind the rear streetside wheelhouse, on the bulkhead.
246-0U	PARK BRAKE ACTUATION	(B),Pull To Apply.
246-0V	PARK/EMERG BRAKE LOCATION	(S),On side console panel.
246-13	FRONT TOW CONNECTOR	(B),Male 1/4" NPT fitting with Series 20/30 coupler fitting, with tag.
246-14	FRONT AIR CONNECTOR ARRANGEMENT	(B),Located below the bumper, streetside.
246-15	FRONT AIR CHARGE CONNECTOR	(B),Male 1/4" NPT fitting with Series 20/30 coupler fitting, with tag.
246-17	REAR AIR CHARGE CONNECTOR TYPE	(B),Male 1/4" NPT fitting with Series 20/30 coupler fitting, with tag.

Option#	Description	Tech Summary Description
246-1B	FLEXIBLE AIR LINES	(S),Synflex colour coded. Green: rear service brakes and supplies. Red: front service brakes. Brown: parking brake. Black: accessories and brake hose. Yellow: compressor and governor. Blue: suspension.
246-1E	ABS	(S),Wabco.
246-1F	TRACTION CONTROL	(B),Wabco system, to reduce drive wheel overspin.
246-1J	FRONT CHARGE AIR ROUTING	(B),Direct charge to wet tank.
246-1K	REAR CHARGE AIR ROUTING	(B),Direct to muffler tank.
246-27	AIR SYSTEM TRANSDUCER FAULT DETECTION	(B),Transducer Fault Detection - Transducer voltage falls to 0V if transducer failure occurs.
260-02	BATTERY VOLTAGE REGULATOR	(A),Transtech REG24A1 with Deutsch connector.
260-03	BATTERY VOLTAGE REGULATOR LOCATION	(B),Mounted inside fuse box.
260-04	BATTERY TYPE / MFR	(A),Four Interstate type 31 Flooded lead acid maintenance free batteries. 950 CCA. Top posts: 3/8" positive, 3/8" negative.
260-05	BATTERY CABLES	(S),Red heat shrink on 24 volt positive cable end and light blue heat shrink on 12 volt positive cable end.
260-09	BATTERY TRAY	(S),Slide out battery acid resistant polyethylene enclosure with SST sub frame, SST bearings and rubber isolation mounts. Located aft of the curbside rear wheelhouse. Note: battery access door opens to the side.
260-0C	POSITIVE BATTERY DISCONNECT SW	(A),Required with quick access through flip-open door (No engine shutdown feature).
260-0E	BATTERY VOLTAGE EQUALIZER	(B),Vanner 100 amp.
260-0F	JUMP START MANUFACTURER/TYPE	(A),ANDERSON SB350 RED
260-0G	JUMP START LOCATION	(A),Mounted on low voltage battery tray.
260-15	ROOF FAIRING / SKIRTS ENCLOSURE	(A),Fairing with full length skirts for XD's.
260-1B	BATTERY VOLTAGE EQUALIZER QUANTITY	(B),One
269-01	P.A. AMPLIFIER MFR / TYPE	(A),Included with AVA or AVL system.
269-04	HANDS-FREE MICROPHONE LOCATION	(A),Mounted on steering column.
269-0A	AUXILIARY JACK LOCATION	(A),Mounted on upper SDS enclosure towards rear of bus, facing aisle.
269-0F	HANDHELD MICROPHONE MFR	(A),REI.
269-0G	INTERIOR SPEAKER MFR	(B),TCB
269-0H	PRIMARY INTERIOR SPEAKERS	(B),Six: four to light panels, two above rear bench.
269-0K	EXTERIOR SPEAKERS, LOCATION	(B),At basic location above entrance.
269-0M	EXTERIOR SPEAKER MFR	(B),Shekonic
269-0Z	PRIMARY PA SYSTEM	(A),To AVA/AVL System
269-13	EXTERIOR SPEAKER QUANTITY	(B),One
269-14	EXTERIOR SPEAKERS, LOCATION, REAR, MFR	(B),Not required.
269-18	HANDHELD MICROPHONE LOCATION	(A),Ship loose required.
269-1E	EXTERIOR SPEAKER COIL	(B),Single coil.
273-01	HEADLIGHTS	(S),NFIL Xcelsior LED low beam and high beam headlights.

Option#	Description	Tech Summary Description
273-02	DAY RUN HEADLIGHTS	(B),Required.
273-03	FRONT TURN SIGNALS	(S),NFIL amber LED. Integrated with headlight assembly.
273-06	TAIL LIGHT ARRANGEMENT	(B),Amber, red (stop/tail), red (stop/tail), white.
273-07	TAIL LIGHTS MFR	(B),4" Dialight LED, grommet mounted.
273-08	CENTER STOP / DECELERATION LIGHT SIZE	(B),18" X 1 " Dialight
273-09	WHITE BACK-UP LIGHT MFR	(B),4" Dialight LED, grommet mounted.
273-0A	STOP LIGHTS ON WITH RTRDR/REGEN BRAKE	(B),Required.
273-0B	STOP LIGHTS ON WITH PARK BRAKE OR INTERLOCK	(S),When park brake or interlock are engaged.
273-0E	CENTER STOP / DECELERATION LIGHTS QTY	(B),One
273-0F	CENTER STOP / DECELERATION LIGHTS LOCATION	(B),At lower edge of rear crown panel.
273-0H	SIDE TURN SIGNALS,TYPE / QTY PER SIDE	(B),3 amber Dialight LED Lamps, 12 volt.
273-0J	SIDE TURN SIGNAL FUNCTIONALITY	(B),Single intensity, Dialight LED lamps.
273-0K	SD TURN SGNL GUARD BRKT, MATERIAL/CTG	(B),Aluminum, painted per paint scheme.
273-0M	CURBSIDE TURN SIGNALS LOCATION	(A),Lamps are aft of front and fore and aft of rear wheelhouses.
273-0N	STREETSIDE TURN SIGNALS LOCATION	(A),Lamps are fore of front and fore and aft of rear wheelhouses.
273-0P	KNEELING/RAMP LIGHT AT ENTRANCE	(S),2.5" Dialight LED.
273-0T	MARKER / CLEARANCE LIGHTS	(B),Dialight LED without guard all around.
273-0V	REFLECTORS	(B),Self-adhesive decals installed at NFIL basic positions.
273-0W	REAR LICENCE PLATE LIGHT	(B),Smartrend LED.
273-10	TIMED SHUT-OFF,ENTR AREA LIGHTS	(B),The program is set to shut the lights off when the door closes.
273-12	TIMED SHUT-OFF,EXIT AREA LIGHTS	(S),The program is set to shut the lights off five seconds after the door closes.
273-16	STROBE LIGHT COLOR	(A),White
273-19	STROBE LIGHTS, REAR LOCATIONS	(A),Pedestal mounted strobe light installed at the center of roof panel at rear of the coach.
273-1F	CENTER STOP / DECELERATION LIGHTS COLOR	(B),Red
273-1R	MARKER / CLEARANCE LIGHTS FUNCTIONALITY	(B),New Flyer standard marker/clearance light functionality to meet applicable FMVSS/CMVSS regulations.
273-23	MARKER LIGHTS LOCATION	(B),New Flyer standard marker light locations to meet applicable FMVSS/CMVSS regulations.
273-25	EXTERIOR LIGHTS	(B) Day Run, Night Run, and Night Park modes illuminate the tail lamps, marker/clearance lamps, and license plate lamp. Mandatory for Canadian customers.
273-26	CENTER STOP/DECELERATION LIGHT FUNCTIONALITY	(B),Basic stop functionality.
273-27	CENTER STOP/DECELERATION LIGHT VOLTAGE	(B),12 Volts
277-02	INTERIOR PASSENGER LIGHTING	(B),NFIL LED, 24 VDC.

Option#	Description	Tech Summary Description
277-04	INTERIOR LED LIGHT FUNCTIONALITY	(B),First bank of lights (at 0% pre-set) on each side turn on when entrance door is opened and off when door is closed.
277-07	EXIT BASEPLATE / ELEC PNL ACCESS	(B),At each exit door, NFIL set-up, through removable ad frame.
277-0B	TINTED LED PASSENGER LIGHT COVERS	(B),White for all lights.
277-0C	FAREBOX LIGHT	(B),One fixed LED light.
277-0F	DRIVER'S LIGHT	(B),One sealed 2.5" white high output Smartrend LED light.
277-0K	SDS SERVICE LIGHT	(B),One LED lamp, provided at upper front of SDS enclosure.
277-0M	SDS SERVICE LIGHT SWITCH CONTROL	(B),With switch.
277-0N	PROPULSION COMPARTMENT LIGHTS	(B),Smartrend, four 1.38" LED lights.
277-0V	REAR DECK STEP LIGHT	(B),LED.
277-0W	INTERIOR DOOR HEADER LIGHTS, ANTI-GLARE SHIELD COLOR	(B),LED strip light (approx 18" long) provided above doors. With black anti-glare shield.
277-0Y	INTERIOR DOOR HEADER LIGHTS/ QUANTITY (ENTRANCE)	(B),Single strip.
277-11	INTERIOR DOOR HEADER LIGHTS/ QUANTITY (EXIT)	(B),Single strip.
277-13	EXIT AND ENTR MECH BOX SERVICE LIGHTS	(A),Smartrend LED with switch, at basic locations.
277-18	SIDE CONSOLE COMPT SERVICE LIGHT	(A),Smartrend LED light.
277-19	SIDE CONSOLE COMPT SERVICE LIGHT WITH SWITCH	(A),Switch mounted with lamp assembly.
277-1A	REAR PLC AND FUSEBOX SERVICE LIGHTS	(S),Provided, LED.
277-1T	FRT DEST SIGN COMPT SERVICE LIGHT	(A),LED with switch and proximity switch.
277-29	SIDE CONSOLE COMPT SERVICE LIGHT MOUNTING LOCATION	(B),Front Structure
277-2B	CURBSIDE FORWARD HVAC DUCT ORIENTATION ON LIGHT PANEL	(B), Duct fixed pointed towards the aisle.
280-01	PASSENGER SIGNAL CHIMES	(B),One basic electronic chime above driver. Chime has single tone which sounds once for regular activation, twice for wheelchair positions.
280-03	PASSENGER SIGNAL PULLCORDS	(B),Yellow cords are required.
280-07	HORIZONTAL PASSENGER SIGNAL PULLCORDS	(B),Set at NFIL designated basic height. All decks.
280-09	LWR DECK VERT PULLCORDS	(B),Two: at the first street and curbside pillars forward of the face of the upper deck.
280-0D	SECUREMENT OF VERTICAL PULLCORDS	(B),Looped or clamped to the horizontal depending on the location.
280-0T	PASSENGER SIGNAL TYPE AT WHEELCHAIR POSITIONS	(B),Basic touchtape.
280-0V	PUSH BUTTON SIGNAL AT EXIT	(B),Mounted facing aisle on stanchion fore of exit, low profile recessed button.
284-01	ELECTRONIC CONTROL SYSTEM	(S),Vansco.
284-02	SYSTEM VOLTAGE	(S),24 VDC primary, 12 VDC secondary.

Option#	Description	Tech Summary Description
284-03	SWITCHES	(S),Water resistant.
284-04	SPARE INPUT/OUTPUT PORTS FOR MULTIPLEX SYSTEM MODULES	(S),Minimum 10% input and 10% output, per electrical panel location.
284-06	HAZARD WARNING LIGHTS	(B),Front, side and rear lights flash for hazard warning.
284-0B	SDS ELECTRICAL PANEL ORIENTATION	(B),Facing curbside.
284-0D	SDS ELECTRICAL PANEL LOCATION	(B),Mounted on backside of SDS rack.
284-0F	ENTRANCE DOOR CONTROLLER	(B),Basic with 5 position settings.
286-01	INSTRUMENT PANEL	(B),LCD touch display screen. Acrylic material with luminescent lighting, with Vansco Instrument Panel Cluster module.
286-02	SHIFT SELECTOR LOCATION	(S),Located on instrument panel.
286-03	EXTERIOR LAMP TEST	(B),Simultaneously depress both turn signals.
286-04	SPEEDOMETER	(B),part of Vansco instrument panel cluster. Set to display miles. With odometer (the display can be toggled to show Trip1, Trip 2, engine hours).
286-05	AUDIBLE SOUND FOR TURN SIGNALS/HAZARDS	(B),Using click sound for turn signal and for hazard warning.
286-0A	RETARDER DISABLE SWITCH LOCATION	(B),In sawtooth panel above driver.
286-0D	SILENT ALARM	(A),required.
286-0F	SILENT ALARM SW LOCATION	(A),At side console.
286-0P	DIAGNOSTICS PLUG LOCATIONS	(B),under the front dash (left side of the steering column), at forward face of the SDS barrier (above driver) and at the engine switch box.
289-01	SECUREMENT OF HARNESSSES	(B),Hellerman tyton clamps, with Panduit releasable cable ties.
296-01	WIRING DECAL,REAR PLC AND FUSEBOX	(S),Provided, laminated.
296-02	WIRING DECAL,SIDE CONSOLE	(B),Laminated, shipped loose.
296-07	SIDE CONSOLE DOOR DECAL LANGUAGE	(B),English
298-01	WATER TEST DURATION	(B),10 minutes.
298-02	WATER TEST DURATION A/C	(A),Water Test with A/C off
304-01	EXTERIOR PAINT TYPE	(S),Axalta Imron Elite high solids polyurethane.
304-03	PAINTED JACK PADS	(A),Safety Yellow.
304-07	CORROSION PROTECTION	(B),grit blasted frame, moisture cure zinc-rich primer (applied for 12 year warranty protection), anti-chip undercoating, corrosion preventive coating sprayed inside frame tubes up to roof line.
304-09	EXTERIOR LOGOS,NFIL	(B),Standard NFI logos.
304-0D	INTERIOR DECALS, CUSTOMER SPECIFIC	(A),Required.
304-0E	PASSENGER COMPARTMENT DECAL LANGUAGE	(A),English / Spanish / Vietnamese. Passenger compartment decals are the decals within the area of the coach designed for the seating of passengers and that are intended primarily for passenger viewing.
304-0F	INTERIOR FLEET NUMBER DECALS	(B),Required.
304-0G	MAINTENANCE DECAL LANGUAGE	(B),English. Maintenance decals are the decals that will be referenced primarily when performing maintenance on the coach.
304-0H	KNEELING / RAMP DECALS	(B),NFIL basic ramp & kneeling decal (red on white) and an arrow decal (red and black) provided near the kneeling / ramp deployment lights.
304-0J	AIR TANK DECALS	(B),NFIL basic.
304-0M	EXT FLEET NUMBERS,NON-ROOF	(A),Required (non-reflective).
306-02	FIRE EXTINGUISHERS	(B),5 lb ABC class. With gauge, hose and mounting bracket. UL compliant for US customers.
306-03	FIRE EXTINGUISHER LOCATION	(A),Mounted vertically on the aisle side of the upper forward face of the driver's barrier.

Option#	Description	Tech Summary Description
306-05	SAFETY TRIANGLE LOCATION	(A),In equipment box on curbside luggage rack.
350-01	DRIVER'S PEDALS, POSITION / TYPE	(B),Pedals not adjustable fore/aft. Brake pedal angle set at 45 degrees from pedal to floor. Throttle pedal angle set at 45 degrees from pedal to floor.
350-04	BRAKE VALVES	(S),E6.
350-07	TURN SIGNAL SWITCHES	(B),Basic switches, floor mounted.
350-08	DIMMER SWITCH	(B),Foot switch located beside side console panel.
350-0C	P.A. SYSTEM SWITCH	
350-0D	HAZARD WARNING LIGHT SW LOCATION	(B),On side console.
350-0G	STEERING COLUMN	(B),Douglas Autotech with tilt and telescopic features.
350-0H	STEERING WHEEL	(B),2 spoke, 18" diameter hard padded.
350-0M	DUAL HORN	(B),Provided with splash shield.
400-01	JACKING / LIFTING PADS	(B),4" diameter round pads at front and rear chassis.
420-02	EXTERIOR SIDE PANELS	(S),Fiberglass.
420-03	REAR RF MOUNTED AIR SCOOP	(B),Stainless Steel, unpainted (no coating).
420-05	CURB & STREET SIDE ENG COMPARTMENT, SIDE CONSOLE ACCESS DOORS, STRUTS	(B),Supported by gas struts.
420-06	CURB & STREET ENG COMPARTMENT, BATTERY DOORS, LATCHES	(B),Quarter turn chrome plated 5/16" square key latches. Also, used for the separate battery access door.
420-07	CURBSIDE PROPULSION COMPARTMENT DOOR	(B),Includes battery disconnect switch access door (using a gas strut) and a DEF manual fill access door.
420-09	DEFROSTER ACCESS DOOR LATCHES	(B),4 quarter turn chrome plated 5/16" square key latches.
420-0A	STREET SIDE ENGINE (RADIATOR) ACCESS DOOR	(B),With wavy screen.
420-0B	BATTERY COMPARTMENT DOOR	(B),Solid door located aft of the curb side rear wheel, separate from the engine/propulsion compartment.
420-0C	DIESEL FUEL FILL DOOR	(B),Basic hinged door located forward of the curbside rear wheelhouse.
420-0D	SURGE TANK DOOR	(B),Basic hinged door.
420-0F	SIDE CONSOLE DOOR LATCHES	(B),Quarter turn chrome plated 5/16" square key quad latches.
420-0G	PROPULSION DOOR	(B),Solid door with built-in handle.
420-0H	PROPULSION DOOR STRUTS	(B),Two, the streetside strut has a locking mechanism.
420-0J	PROPULSION DOOR LATCHES	(B),Quarter turn chrome plated 5/16" square key quad latches.
420-0M	REAR LICENSE PLATE RETENTION	(B),Centered with bottom retainer and two upper inserts.
420-0P	RAIN GUTTER	(S),0.44" cross section bonded.
420-0R	ROOF HATCH INSTRUCTION LANGUAGE	(T),Roof hatch instruction language- English / Spanish / Vietnamese
420-0T	ROOF HATCH SIZE,FRONT	(B),24" X 24"
420-0U	ROOF HATCH TYPE,FRONT	(B),Basic hatch/vent.
420-0V	ROOF HATCH VENDOR,FRONT	(B),Transpec Worldwide.
420-15	ROOF HATCH SIZE,REAR	(B),24" X 24"

Option#	Description	Tech Summary Description
420-16	ROOF HATCH TYPE, REAR	(B), Basic hatch/vent.
420-17	ROOF HATCH VENDOR, REAR	(B), Transpec Worldwide.
420-1B	WIPERS	(B), Comotech motors 24 volt electric with Smartrend wet arm wipers. Intermittent.
420-1E	WINDSHIELD WASHER BOTTLE	(B), 5 US gallon with electric powered pump mounted using 4 weld nuts.
420-1F	WINDSHIELD WASHER FILL LOCATION	(S), Accessed via a flip-out door built into the exterior side console access door.
420-1G	LOWER DRIVER'S VENT	(B), Provided.
420-1H	FENDERS	(B), Molded polyurethane.
420-1M	EXTERIOR UPPER REAR	(B), Fiberglass panel with no door and no window.
420-24	WIPERS, MOTOR ARM LENGTH	(B), 34" long arm
420-25	WIPERS, WIPER BLADE LENGTH	(B), 26" long blade
420-26	WIPERS, SPRAY STREAMS PER ARM	(B), 2 streams per arm
420-2B	DRIP EDGE FOR REAR CROWN PANEL/HVAC DOOR	(B), Drip Edge along the bottom edge of the Rear Crown Panel/HVAC door to divert water entering the engine/propulsion compartment.
420-2D	UPPER CORNER PILLAR DOOR LATCHES	(B), Quarter turn chrome plate 5/16" square key latches.
421-01	INSULATION, SIDEWALL AND ROOF	(S), Polyisocyanurate foam. meets Docket 90 spec.
421-02	INSULATION, EXHAUST CAVITY	(B), Heat-resistant fiberglass mat.
421-03	PROPULSION COMPARTMENT INSULATION	(S), Noise reduction acoustical foam, retained by perforated aluminum panels.
422-02	CEILING PANELS AFT OF FRONT WHEELHOUSE INCLUDING REAR PLC	(B), Antique white plastic, SST trim.
422-03	CEILING / HVAC COVER PANELS ABOVE FRONT WHEELHOUSES	(B), Antique White fiberglass.
422-04	HVAC RETURN AIR GRILLE DOOR LOCK	(B), 2 quad latches.
422-05	ENTRANCE / DRIVER'S AREA PANELS COLOUR	(B), black. Includes dash, dest sign c/out, ent. mech. box, driver's o/head panels. and if used, ent. floor heat duct, frt. RH harness cover is black powder coated alum.
422-06	DRIVER'S CEILING PANEL MATERIAL	(B), Melamine.
422-07	INTERIOR PIER PANEL MATERIAL	(B), Thermoplastic.
422-08	PIER PANEL COLOUR	(B), Antique white
422-0A	INTERIOR LOWER SIDEWALL MATERIAL	(B), Melamine
422-0C	INTERIOR SIDEWALL MELAMINE	(B), Charcoal Grey Gloss.
422-0D	INTERIOR PROPULSION COMPARTMENT ACCESS PANEL	(B), There is a single hinged panel under the rear seat.
422-0E	INTERIOR UPPER REAR PANEL	(A), Bulkhead panel covered with carpet / fabric material. With large central access door.
422-0F	CARPET / FABRIC, UPPER REAR INTERIOR PANEL	(B), Charcoal grey carpet with 1/2" plywood backing.
422-0K	CURB AND STREET SIDE REAR BULKHEAD ACCESS PANELS	(B), Carpeted DB plywood.

Option#	Description	Tech Summary Description
422-0M	HRNS/AIR LINE COVERS AT UPPER DECK	(B),Painted flat black.
422-0N	FRT DEST SIGN DOOR LATCHES	(B),Short wing quad latches.
422-0P	DRIVER'S OVERHEAD PANEL	(S),With locker.
422-0R	DRIVER'S LOCKER LATCH	(B),Short wing quad latch.
422-0T	DRIVER'S COAT HOOK AND STRAP	(B),Located on the forward face of the harness cover behind the driver.
422-0U	SECURE DIAGNOSTIC STATION	(B),Above street side front wheelhouse. Incorporates driver's barrier. With four Take One pockets. Quantity of trays as per customer and / or as per electronic equipment within compartment.
422-0V	SDS ENCLOSURE COLOUR	(B),Flat Black.
422-0W	SDS ENCLOSURE DOOR LATCHES	(B),5/16" square key quad latch.
422-13	FRONT SUNVISOR / ROLLERBLINDS	(B),Black rollerblind. Scissor type with 20" travel and 44" wide
422-14	SIDE SUNVISOR/ROLLERBLIND	(B),Black rollerblind. Scissor type with 20" travel.
422-15	SQUARE KEY T-HANDLE	(B),Located at lower left of driver.
422-16	ENTRANCE MECHANISM BOX DOOR LATCH	(B),Two short wing quad latches.
422-18	GRAB HANDLE NEAR FRONT ROOF HATCH	(B),Required.
422-1B	C/S,S/S REAR BULKHEAD ACCESS PANELS, OPENING METHOD	(B),Removable access panels.
422-1R	FRONT DASH, ACCESS PANEL LATCH	(B),Quarter turn, black powder coated 5/16" square key quad latches.
422-1W	INTERIOR UPPER REAR PANEL, TRIM OPTIONS	(B),Flat Trim Design
422-23	INTERIOR REAR PLC ENCLOSURE, LATCHES	(B),5/16" square key quad latch.
450-02	FLOORING	(B),Lower deck uses pressure treated NT ACQ plywood. Upper deck uses composite for step and floor to the rear wheelhouses and NT DB ACQ plywood to the rear.
450-03	DRIVESHAFT / TRANSMISSION / DRIVE MOTOR ACCESS PANELS	(B),One panel only set in the floor to access the driveshaft.
450-06	ALTRO FLOOR COVERING	(A),Tuscan TFCR2778EP (2.7 mm / 0.11" thick), for aisle and underseats.
450-0A	STEP TO UPPER DECK	(B),Yellow anti-slip coating is applied to the edges and vertical faces of the step.
450-0B	FRONT AXLE STANDEE LINE	(B),One yellow flooring safety line provided fore of the hump at the front axle.
450-0C	ENTRANCE NOSING	(B),Nosing is 2" wide yellow anti-skid applied to the ramp.
450-0D	EXIT NOSING	(B),2.5" yellow nosing for Altro / Tarabus flooring.
450-0F	REAR SEAT RISER COVERING MATERIAL	(B),Same material and colour as used for the flooring.
450-0J	DRIVER'S PLATFORM FLOORING	(A),Tuscan TFCR2778EP (2.7 mm / 0.11" thick)
450-0K	DRIVER'S PLATFORM TRIM	(B),SST.
450-0M	OUTER WHEELHOUSES	(B),SST front and rear.
450-0N	INTERIOR FRONT W/HOUSE (LUGG RACK) COLOURS	(B),Matte black, painted stipple. An LED aisle light is provided on the streetside. Also, SST scuff guards are provided.
450-0T	TRIM UPPER DECK	(B),Aluminum.

Option#	Description	Tech Summary Description
450-13	INTERIOR FRONT W/HOUSE (LUGG RACK), SCUFF GUARDS	(B),Standard height scuff guard
450-14	EXIT DOOR, WHEELHOUSE AND UPPER DECK TRIM, MATERIAL	(B),Aluminum Trim
460-01	WINDSHIELDS	(B),72% light transmittance green laminated. With blue shade band for street and curb sides.
460-02	WINDSHIELD PROTECTIVE FILM	(B),Required for coach delivery beyond a 500 mile radius of final assembly.
460-04	PASS / DRVR'S WINDOWS MANUFACTURER	(A),Arow Global flush mounted.
460-05	FLUSH PASSENGER WINDOWS	(A),Bottom is fixed, top tip-in.
460-07	SDS WINDOW	(B),Full fixed picture window. Glazing matches passenger window, fully masked on interior side.
460-08	FLUSH WINDOW GLAZING	(A),Grey, 44% light transmittance, tempered.
460-0A	FLUSH WINDOW LOCKS	(A),Locking set-screw.
460-0C	WINDOW FRAME COLOUR	(B),All window frames are black anodized.
460-0D	WINDOW EMERGENCY EGRESS	(B),Minimum quantity based on FMVSS requirements, local, state/provincial, federal regulations or customer spec whichever is greater.
460-0E	SIDE DESTINATION SIGN WINDOWS	(B),Curbside. Fixed clear top and fixed bottom. Bottom matches passenger window glazing. (review 470 for side sign details).
460-0G	WINDOW GLAZING REPLACEMENT	(A),Basic replacement.
460-0J	PASS WINDOW THICKNESS	(B),6 mm
460-0K	DRIVER'S WINDOW,FLUSH	(A),With single sliding sash (forward), with exterior and interior handles. Non-egress.
460-0P	DRIVER'S WINDOW GLAZING	(A),Tempered with minimum 70% light transmittance.
470-01	DESTINATION SIGNS MFR	(A),Twin Vision Smart Series, LED display system.
470-02	DEST SIGN CONTROL UNIT LOCATION	(A),Inside destination sign compartment. Destination sign control through AVA/AVL System.
470-05	TWIN VISION FRT.DEST.SIGNS	(B),Smart Series 3, LED amber, 16 x 160.
470-07	FRONT DESTINATION SIGN GLASS	(B),Laminated.
470-0A	CURB SIDE DESTINATION SIGN LOCATION	(B),basic, at the first window, aft of entrance door. Note: this allows a maximum display width of approximately 40".
470-0C	TWIN VISION CURBSIDE DEST.SIGNS	(A),Smart Series 3, LED, amber, 8 x 96 (37.4" wide display).
470-0G	FRONT ROUTE SIGN	(A),Twin Vision Smart Series 3, LED, amber, 12 X 40.
470-0H	REAR ROUTE SIGN,LOCATION	(B),At the upper curbside.
470-0K	TWIN VISION REAR ROUTE SIGNS	(A),Smart Series 3, LED, amber 16 X 48.
470-0P	AVA / AVL SYSTEM	(A),Clever Devices (Digital Recorder) system.
470-10	AVA/AVL LED SIGN LOCATION	(A),Required on the HVAC overhead enclosure.
470-16	NEW FLYER CONNECT-DIAGNOSTIC & MONITORING SYSTEM	(B),Diagnostic & Monitoring - required without driver maneuver awareness system (DMAS).
480-02	EXTERIOR MIRROR MANUFACTURER	(B),Hadley.
480-03	EXTERIOR SS MIRROR GLASS STYLE	(B),2/1 (upper portion is flat, lower portion is convex).

Option#	Description	Tech Summary Description
480-04	EXTERIOR SS MIRROR GLASS SIZE	(B),8" x 15"
480-05	EXTERIOR SS MIRROR HEATING REQUIREMENTS	(A),Heated.
480-06	EXTERIOR SS MIRROR POWER OPTIONS	(A),Single remote control. (If two pieces of mirror, then upper piece is remote controlled.)
480-08	EXTERIOR SS MIRROR ARM FUNCTIONALITY	(B),Pull back. Mirror arm is manually returned to its previously set position after deflection.
480-09	STREET SIDE MIRROR MOUNT	(B),Low mount.
480-0E	EXTERIOR CS MIRROR GLASS STYLE	(B),2/1 (upper portion is flat, lower portion is convex)
480-0F	EXTERIOR CS MIRROR GLASS SIZE	(B),8" x 15"
480-0G	EXTERIOR CS MIRROR HEATING REQUIREMENTS	(A),Heated.
480-0H	CURB SIDE MIRROR POWER OPTIONS	(A),Single remote control. (If two piece mirror, then upper piece is remote controlled.)
480-0K	EXTERIOR CS MIRROR ARM FUNCTIONALITY	(B),Pull back. Mirror arm is manually returned to its previously set position after deflection.
480-11	STREET / CURB SIDE HEATED MIRROR ACTIVATION	(A),Controlled by switch at the side console with a light.
480-12	ENTRANCE DOOR MIRROR VENDOR	(A),Lucerix.
480-13	DRIVER'S REAR VIEW MIRROR	(B),8" x 15", black, convex.
480-14	SPOT MIRROR	(B),6" diameter flat mirror with short arm, located at curbside front.
480-15	EXIT DOOR MIRROR	(B),convex, 12" diameter, mounted on curved modesty panel stanchion.
480-17	ENTRANCE DOOR MIRROR	(A),7" x 10" convex mounted on ceiling panel; 5.02" from vertical face of mech box and 10.4" from vertical face of destination sign cutout.
480-26	STREET/ CURB SIDE MIRROR ARM MATERIAL	(B),Carbon steel
490-01	ENT DOOR DRIVE SYS	(B),Pneumatic
490-02	ENTRANCE DOOR	(B),Vapor slide glide.
490-03	ENTR DOOR LIMIT SWITCH SET-UP	(B),Solid state proximity switch.
490-04	ENTRANCE EMERGENCY RELEASE VALVE	(B),Within mech box.
490-05	ENTRANCE DOOR MAGNETIC DUMP VALVE	(B),Required, located at baseplate.
490-07	ENTR/EXIT FRANG.COVER,LANGUAGE	(A),English and Spanish.
490-09	ENTRANCE DOOR COLOUR, INTERIOR	(S),Black
490-0B	ENTRANCE DOOR HANDLES	(B),Yellow powder coated.
490-0K	ENTRANCE DOOR GLAZING	(B),Full length single piece, 72% green.
490-0V	ENTR/EXIT FRANG.COVER	(S),Perforated cover
490-0W	ENT AND EXIT DOORS, INTERIOR AND EXTERIOR PANEL COLOR	(B),Black Powder Coat
491-01	EXIT DOOR DRIVE SYS	(B),Pneumatic
491-02	EXIT DOOR	(B),One rear curbside exit door. Medium Ameriview Vapor Slide Glide, 34.8" between panels.

Option#	Description	Tech Summary Description
491-03	SLIDE GLIDE EXIT LIMIT SWITCH	(B),Solid state proximity switch.
491-04	EXIT DOOR CONTROL	(A),Driver controlled at side console, using Vapor Class Acoustic Sensing System to detect obstruction on closing.
491-06	CLASS SYSTEM VOICE ANNUNCIATION	(A),Female voice. English instructions programmed as per customer requirement.
491-0D	EXIT DOOR SENSITIVE EDGE	(B),Pnumatic sensitive vertical edge sensor provided at all exit doors.
491-0H	EXIT FRANGIBLE COVER SECUREMENT	(B),Magnetic latch.
491-0M	EXIT DOOR ASSIST HANDLES	(B),Yellow powdercoated, UPA-3 Aluminum
491-0P	EXIT DOOR GREEN LIGHT	(B),LED green light indicates that the exit door is set to open.
491-0U	EXIT DOOR GLASS SIZE	(A),2/3 top, 1/3 bottom.
491-0V	EXIT DOOR GLAZING	(B),6 mm
491-12	EXIT DOOR GREEN LIGHT MOUNTING ORIENTATION	(B),Exit door green light mounted horizontally on baseplate
526-02	35' PASSENGER SEAT QUANTITY	(B),32
526-04	PASSENGER SEAT MANUFACTURER	(B),American Seating
526-07	AMERICAN SEATING SEATS	(B),Insight seat, engineered composite resin shell with Onsert seating surface. Details as per customer spec.
526-09	REAR BENCH SEAT	(B),1-3-1 hinged seat.
526-0A	PASSENGER SEAT MOUNTING	(B),Cantilever.
526-0B	SEAT MOUNTED GRABRAIL	(B),Composite resin.
526-0C	FIRST SEAT,CURBSIDE UPPER REAR	(B),Forward facing.
526-0D	FIRST SEAT,STREETSIDE UPPER REAR	(B),Forward facing.
526-0F	PASSENGER SEATING BARRIER	(B),Pedestal mounted barrier.
526-0G	SEAT POSITION,FORWARD OF REAR EXIT	(B),Forward facing.
526-0R	USSC DRIVER'S SEAT MODEL	(A),9110 ALX3. Has 3 point seat belt. Has air suspension and lumbar.
526-0W	DRIVER'S SEAT COVER	(B),All vinyl.
526-0Y	DRIVER'S SEAT BELT	(B),Lap and shoulder belt with retractor on left hand side.
526-10	DRIVER'S SEAT BELT COLOR	(A),Orange
526-14	DRIVER'S SEAT BASE RISER MATERIAL	(A),SST.
526-15	DRIVER'S SEAT PARK BRAKE ALARM	(A),Switch is required in seat cushion to trigger driver's park brake alarm (ref. option 246-0G).
526-17	DRIVER'S SEAT HEADREST	(B),Required, vinyl headrest
526-18	WHEELCHAIR POSITIONS, QUANTITY	(B),Two. At basic locations, one aft of the curbside and one aft of the streetside front wheelhouses.
526-19	CS WHEELCHAIR RESTRAINT SYSTEM	(A),Forward facing barrier with embedded wheelhouse front restraint.
526-1A	SS WHEELCHAIR RESTRAINT SYSTEM	(A),Forward facing barrier with embedded wheelhouse front restraint.
526-1D	SHOULDER HARNESS,W/CHR RESTRAINTS	(B),One restraint bar with height adjustable shoulder harness on curbside and one non-height adjustable shoulder harness secured to structure (pier panel) on streetside.
526-1F	STANCHION / GRABRAIL STYLE	(B),Curved style vertical stanchions. Using cast SST fittings for vertical and horizontal stanchions.

Option#	Description	Tech Summary Description
526-1G	OVERHEAD HORIZONTAL GRABRAILS	(B),SST.
526-1H	OVERHEAD GRABRAIL HANDHOLD STRAPS	(A),Flexible black nylon straps, loose on horizontal stanchions, locations as per customer spec.
526-1J	OVERHEAD GRABRAIL HANDHOLD STRAPS,QUANTITY	(A),Six
526-1K	COLOR - STANCHIONS AT EXITS & RR RISER STEP	(A),SST.
526-1M	VERT FORE OF S/S FRT W/HOUSE	(A),SST.
526-1N	VERT AFT OF S/S FRT W/HOUSE	(B),To match colour of vertical seat stanchions (see Option 526-1T).
526-1P	VERT FORE OF C/S FRT W/HOUSE	(A),SST.
526-1R	VERT AFT OF C/S FRT W/HOUSE	(B),To match colour of vertical seat stanchions (see option 526-1T).
526-1T	VERTICAL STANCHIONS AT SEATS - COLOR	(B),SST.
526-22	FRONT CURBSIDE LUGGAGE RACK	(B),Horizontal tube wraps around aft, aisle and fore sides.
526-23	FAREBOX GRABRAIL STYLE	(B),Basic SST grab rail.
526-26	MODESTY PANEL MELAMINE COLOR	(B),Charcoal Grey Gloss
526-27	C/SIDE FORE UPR DECK MOD PNL, GAP	(B),Approximately 2" diagonally.
526-29	BARRIER AT STREET SIDE REAR RISER	(B),Modesty panel (material and color per 526-25/526-26).
526-2M	BARRIER FWD OF EXIT(S)	(A),Upper panel, 0.5" clear polycarbonate, wide width panel.
526-2T	EMERGENCY INSTRUCTIONS	(T),Emergency instructions - English/Spanish/Vietnamese.
526-32	DRIVER'S SEAT, FORE/AFT SEAT TRAVEL	(B),The fore / aft seat travel is 9.45".
526-34	CURB SIDE SEAT POSITION,AFT OF BAY FORWARD REAR EXIT	(B),Not required.
526-37	FRONT CURBSIDE LUGGAGE RACK COLOR	(B),SST
526-3B	FAREBOX GRABRAIL COLOR	(A),SST
526-3V	SEAT FWD OF REAR BENCH SEAT	(B),Forward facing.
549-02	HVAC UNIT 1	(B),Thermo King RLF rooftop A/C unit. Safe-T-Walk is provided for rooftop units.
549-04	HVAC UNIT MOTOR TYPE	(S),Brushless motor for primary heating & cooling system.
549-05	REFRIGERANT	(B),R-134a freon.
549-06	HVAC AIR INTAKE	(B),Recirculated air only.
549-07	HVAC RETURN AIR FILTER	(B),TK polyester (disposable) filter.
549-0C	HVAC SYSTEM VALVES	(S),Brass ball valves with basic handles.
549-0D	A/C AND HEATER LINE CLAMPS	(B),Ideal.
549-0E	A/C COMPRESSOR	(B),Thermo King X430.
549-0F	A/C COMPRESSOR HOSE	(S),Duraflex convoluted stainless steel, braided.
549-0J	HVAC ELECTRONICS	(B),Thermo King Intelligaire 3, valid for A/C or heater units. With limited diagnostic capabilities.

Option#	Description	Tech Summary Description
549-0K	HVAC CONTROL PANELS	(B),Thermo King, installed at the HVAC unit.
549-0N	A/C PRESSURE READINGS	(B),Obtained via the Thermo King Intelligaire 3 control panel.
549-15	HVAC FAN SPEED SWITCH	(B),Not required.
549-16	BOOSTER PUMP	(B),Valeo SPump 260W CAN capable.
549-1A	DEFROSTER	(B),MCC 3 speed brushless SPAL blower, plastic end-caps, electrically controlled damper with on/off interlock.
580-01	FRONT WHEELCHAIR RAMP	(B),NFIL ramp at front door. 32" wide, with 1:7 slope.
580-02	FRONT RAMP CONTROL	(B),Ramp switch at driver's instrument panel.
580-08	WHEELCHAIR RAMP,SURFACE	(B),Covered with Full Metal Jacket anti-skid treatment. The leading edge is yellow FMJ, the side flanges are painted yellow.
580-0G	KNEELING/RAMP DEPLOYMENT WARNING BEEPER	(B),IP68-rated beeper, medium loud fast beep.
580-0H	FRONT KNEELING/RAMP DEPLOYMENT WARNING BEEPER LOCATION	(B),Curbside under front mask.
600-01	HUBODOMETER MFR	(A),Veeder-Root.
600-02	HUBODOMETER READINGS	(A),Miles, no tenths.
600-03	HUBODOMETER LOCATION	(A),Curbside rear wheel.
600-04	HUBODOMETER BRACKET COLOUR	(A),Black.
600-05	BACK-UP ALARM	(B),Basic alarm located on curbside.
600-06	BACK-UP ALARM SOUND LEVEL	(B),107 dBA.
600-0C	INTERIOR FAN(S),MANUFACTURER	(A),Bergstrom, 12 volt.
600-0E	DASH FANS,QTY AND LOCATION	(A),One fan, 3.5" right of center
600-0J	SDS TRAY QUANTITY	(A),Four trays total.
600-0M	FAREBOX PEDESTAL	(B),Stainless Steel Material. Length = 26.56"; Front fore length = 12.36"; Width = 13.96"; Height = 6"
600-0N	FAREBOX	(T),Farebox - GFI Fast Fare Electronic Revenue Center
600-0P	FAREBOX,SUPPLIED BY	(A),Supplied and installed by customer.
600-0R	FAREBOX POSITION / HOLES	(A),Located in customer specified position whether installed by NFIL or by customer.
600-1D	CURBSIDE FRONT EQUIPMENT BOX	(A),Half sized (located aft of the luggage rack).
600-1F	DRIVER'S STORAGE BOX BEHIND SEAT	(A),Basic box with lift & turn compression latch, no key.
600-23	COFFEE CUP HOLDER/TRAY	(A),Round coffee cup holder, black.
600-24	TRASH CONTAINERS	(A),Waste basket, black plastic by Rubbermaid
600-26	RADIO,COMMUNICATION SYSTEM	(A),Provisions for system. Installation of antenna (s), cabling and ground plates, as per customer spec.
600-2G	VIDEO SURVEILLANCE SYSTEM	(A),Interior and exterior cameras.
600-2H	VIDEO SURVEILLANCE SYSTEM,MFR	(A),SafeFleet (Seon system).
600-31	FIRE SUPPRESSION	(A),Fogmaker system.
600-32	FIRE SUPPRESSION BOTTLE LOCATION	(A),Located above engine compartment and rear shelf.
600-33	FIRE DETECTION SENSORS	(A),Fogmaker fire detection tube - heat sensitive tube in propulsion compartment and Low voltage battery compartment.

Option#	Description	Tech Summary Description
600-34	FIRE SUPPRESSION BOTTLE	(B),Fogmaker system with 7.5L detection cylinder.
600-36	FIRE SUPPRESSION DISPLAY PANEL LOCATION	(B),Under driver's overhead panel at middle position of sawtooth panel.
600-3V	BICYCLE RACK MANUFACTURER/MODEL	(A),Sportworks, DL2-WP (wide profile), front mounted.
600-3W	BICYCLE RACK MOUNTING	(A),Bolted slide-in standoff
600-3Y	BICYCLE RACK REMOVAL	(A),Bolted rack.
600-3Z	BICYCLE RACK MATERIAL/COLOR	(A),SST, satin anti glare finish.
600-42	BICYCLE RACK INSTRUCTIONS	(A),English / Spanish
600-5A	AUTOMATIC PASSENGER COUNTER SYSTEM	(A),Full system.
600-5B	AUTOMATIC PASSENGER COUNTER	(A),Urban Transportation Associates (stand-alone system)
600-68	TRASH CONTAINERS LOCATION	(A),Front of C/S luggage rack, inside rack
600-6F	FAREBOX PEDESTAL TREATMENT	(B),Black full metal jacket
600-6H	FAREBOX ORIENTATION	(B),Facing entrance door
600-6R	COFFEE CUP HOLDER/TRAY LOCATION	(A),On side face of side console.
600-6V	CURBSIDE FRONT EQUIPMENT BOX. LOCK/LATCH TYPE	(A),1/4 turn short wing quad latch
600-7G	CURBSIDE FRONT EQUIPMENT BOX, COLOR	(B),Black
600-7N	CURBSIDE FRONT EQUIPMENT BOX. HINGE ORIENTATION	(B),Parallel to CS window
Variant Rule Object Description :		
Variant Rule Object Name :SR-2674 Rev G		