



GoTriangle
Operations Committee
March 06, 2024
1:00 pm-1:30 pm Eastern Time

Board committee meetings are held remotely.

Microsoft Teams meeting | Join on your computer or mobile app

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*Or call in (audio only) +1 252-210-4099
Phone Conference ID: 674 708 49#*

I. Call to Order and Adoption of Agenda

(1 minute Michael Parker)

II. Draft Minutes | February 7, 2024

ACTION REQUESTED: Approve minutes.

III. RUS Bus Transit Design Advisory Services

(10 minutes Bryan Hammond)

STAFF RECOMMENDATION: Recommend the board authorize the President/CEO to increase the contract value for RUS Bus Transit Design Advisory Services with RK&K to a cost not to exceed \$1,237,206.

Presentation

IV. BOMF Modernization & Expansion Project

(10 minutes Bryan Hammond)

STAFF RECOMMENDATION: Recommend the board authorize the President/CEO to execute an agreement with STV Engineers, Inc. to develop a 35% Design Criteria package for Nelson Road Bus Operations and Maintenance Facility at a cost not to exceed the amount of \$900,000, contingent upon the adoption of criteria for using the Design-Build-Bridging Delivery Method for this project.

Presentation

V. Adjournment

(Michael Parker)



**BOARD OF TRUSTEES
OPERATIONS COMMITTEE
MEETING MINUTES**

4600 Emperor Boulevard
Suite 100
Durham, NC 27703

Wednesday, February 7, 2024

1:00 p.m.

Remote | Microsoft Teams

Board members present | Corey Branch, Patrick Hannah, Michael Parker

Board members absent | Vivian Jones [excused], Valerie Jordan

The meeting was called to order at 1:07 p.m. A quorum was present.

I. Adoption of Agenda

II. Approval of Minutes

Action: A motion was made by Branch and seconded by Hannah to adopt the agenda and approve the minutes of January 3, 2024. Upon vote by roll call, the motion was carried unanimously.

III. Vanpool Contract and Subsidy

Audra Foree introduced Vanessa Battle, the vanpool manager. Foree stated that Enterprise Leasing Company had been managing GoTriangle's vanpool program since 2018. She explained that groups of four to 15 people who live and work in close proximity share a van for daily work commutes. Commuters pay Enterprise monthly fees that cover the cost of the leasing of the vehicle, gasoline, insurance and vehicle maintenance. Participants in the vanpool program must live or work within the three county region.

Foree stated that the new contract rate would significantly increase current vanpool rates. Currently there are 20 vanpools in operation, with a subsidy of \$350 per vanpool commuting round trips of under 35 miles daily and \$450 for round trips over 35 daily miles. She said GoTriangle's current contract with Enterprise indicates GoTriangle would like to participate in subsidizing 20-30% of the cost to vanpoolers. The subsidy would need to increase to \$600 per month in order to maintain a 30% subsidy.

Branch asked if other companies offer this service. Foree responded that she has not been able to find one. Branch suggested an early exit clause before three years if Enterprise is not meeting the growth goals of ten new vanpools per year. He suggested a yearly status report.

Foree also said Enterprise is discussing the introduction of a casual vanpool, similar to Uber and Lyft, where a person can just jump onto a vanpool without being subscribed to it.

Parker asked the average vanpool rider charge and if GoTriangle has the authority to regulate it. Foree shared this price matrix:

Enterprise Proposed Vanpool Rates*excluding taxes and fuel*

| Monthly Mileage | Kia Sorento | Nissan Pathfinder | Dodge Durango | Toyota Sienna Honda Odyssey | Ford 12 Passgr Van | Ford 15 Passgr Van |
|----------------------------|------------------------|------------------------------|--------------------------|--|-------------------------------|-------------------------------|
| 2000 | \$1,250 | \$1,320 | \$1,450 | \$1,400 | \$1,550 | \$1,600 |
| 2250 | \$1,300 | \$1,370 | \$1,500 | \$1,455 | \$1,600 | \$1,650 |
| 2500 | \$1,350 | \$1,420 | \$1,550 | \$1,555 | \$1,650 | \$1,700 |
| 2750 | \$1,400 | \$1,470 | \$1,600 | \$1,655 | \$1,700 | \$1,750 |
| 3000 | \$1,450 | \$1,520 | \$1,650 | \$1,755 | \$1,750 | \$1,800 |
| 3250 | \$1,500 | \$1,570 | \$1,700 | \$1,855 | \$1,800 | \$1,850 |
| 3500 | \$1,550 | \$1,620 | \$1,750 | \$1,955 | \$1,850 | \$1,900 |
| 3750 | \$1,600 | \$1,670 | \$1,800 | \$2,055 | \$1,900 | \$1,950 |
| 4000 | \$1,650 | \$1,720 | \$1,850 | \$2,155 | \$1,950 | \$2,000 |

Parker clarified that vanpoolers would split the balance of the monthly rate after GoTriangle's \$600 subsidy is paid. Foree stated that some individual also receive a subsidy from their employers, reducing what they pay. She said the federal subsidy is \$315 per month per vanpooler. She stated that the contract now includes language that the GoTriangle subsidy is applied after employer subsidies.

Foree added that the vehicles are branded with GoTriangle's logo and the mileage gets reported to the National Transit Database from which GoTriangle receives grant funds.

Parker asked about Enterprise's commitment to electrify their fleet. Foree stated that has not been part of previous discussions with Enterprise.

Action: A motion was made by Branch and seconded by Hannah to recommend the board award a contract to Enterprise Leasing Company, LLC from February 2024 through FY27 for a maximum of \$1,800,000, authorize the President/CEO to execute a contract consistent with those terms and increase the monthly subsidy not to exceed 30% of the cost to commuters, for a maximum of \$600 per vanpool. Upon vote by roll call, the motion was carried unanimously.

IV. Adjournment

Action: Chair Parker adjourned the meeting at 1:37 p.m.

Prepared by:

Michelle C. Dawson, CMC
Clerk to the Board of Trustees

AGENDA ACTION ITEM

Submitted by: Bryan Hammond, Senior Architect

Meeting date: March 6, 2024

SUBJECT: RUS Bus Transit Design Advisory Services

Strategic Objective or Initiative Supported

3.3 Pursue joint development opportunities

Staff Recommendation

Staff requests that the Board of Trustees authorize the president & CEO to modify the agreement with RK&K for Raleigh Union Station Bus Facility (RUS Bus) Transit Design Advisory Services to increase the total contract value from \$868,226 to a new cost not to exceed the amount of \$1,237,206.

Item Summary

In 2021, GoTriangle completed a competitive qualifications-based procurement for Transit Design Advisory Services for the RUS Bus Project and awarded a contract to Rummel, Klepper, and Kahl (RK&K) with a total value of \$868,226.

RK&K has provided competent and thorough Design Review services throughout the project's development for the Design Phase, and at this time GoTriangle staff recommends increasing contract funding by \$368,980 to continue the services of RK&K to include Design Oversight and Advisory Services during the construction phase. Services that will continue during the construction phase include quality assurance oversight, master project schedule reviews, independent cost estimation and cost reviews, safety and security oversight and analysis, qualitative project risk analysis, and oversight and support for negotiations on design-related changes during construction.

| <i>Vendor</i> | <i>Prime Home Office Location</i> | <i>Prime Local Office Location</i> | <i>Prime DBE/MWBE Status</i> | <i>Subcontractor DBE/MWBE Firms</i> |
|---------------|-----------------------------------|------------------------------------|------------------------------|-------------------------------------|
| RK&K | Baltimore, MD | Raleigh, Greensboro, Charlotte | n/a | IKJ (24%), BREE (9.5%) |

Financial Impact

This contract amendment will be funded within the existing BUILD project budget for RUS Bus of \$37,917,000 which includes funding for RB Infrastructure to design and construct the project, and for GoTriangle's costs to oversee the work. The contract is funded 52% locally with existing allocations from Wake Transit and will receive 48% federal reimbursement through the RUS Bus BUILD grant.

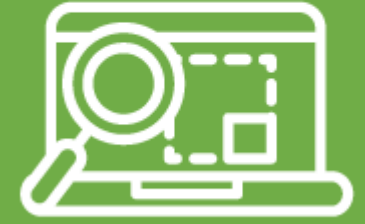
Attachments

- None

RUSBUS Construction Activity – as of February 28, 2024



RUSBUS Major Accomplishments



- ★ BUILD Grant Amendment Request approved by DOT
 - RUSBUS Transit Facility completed 95% Construction Documents
 - RBI received Building Permit from City of Raleigh
 - Phase 2 construction – Deep Foundations completed and proceeding to begin pouring slab foundations in March
 - Draft GMP for Phase 2 construction anticipated in March

Transit Design Advisory Services

- RK&K was selected using a competitive qualifications-based process in 2021 to provide transit design advisory services for RUS Bus
- Proposed contract amendment would add funding to continue advisory services through the remainder of the project, including quality assurance oversight, master project schedule reviews, independent cost estimation and cost reviews, safety and security oversight and analysis, qualitative project risk analysis, and oversight and support for negotiations on design-related changes during construction

| <i>Vendor</i> | <i>Prime Home Office Location</i> | <i>Prime Local Office Location</i> | <i>Prime DBE/MWBE Status</i> | <i>Subcontractor DBE/MWBE Firms</i> |
|----------------------|--|---|-------------------------------------|--|
| RK&K | Baltimore, MD | Raleigh, Greensboro, Charlotte | n/a | IKJ (24%), BREE (9.5%) |

Recommendation

Authorize the president & CEO to modify the agreement with RK&K for Raleigh Union Station Bus Facility (RUS Bus) Transit Design Advisory Services to increase the total contract value from \$868,226 to a new cost not to exceed the amount of \$1,237,206.

AGENDA ACTION ITEM

Submitted by: Bryan Hammond, Senior Architect

Meeting date: March 6, 2024

SUBJECT: BOMF Modernization & Expansion Project

Strategic Objective or Initiative Supported

1.2 Pursue service improvements and expansion opportunities

Staff Recommendation

Recommend the board authorize the President/CEO to execute an agreement with STV Engineers, Inc. to develop a 35% Design Criteria package for Nelson Road Bus Operations and Maintenance Facility at a cost not to exceed the amount of \$900,000, contingent upon the adoption of criteria for using the Design-Build-Bridging Delivery Method for this project.

Item Summary

GoTriangle's 2021 Regional Fleet and Facilities Study evaluated constraints and needs for maintenance, storage, fueling, charging, and servicing capacity as well as work-flow efficiency at the GoTriangle Nelson Road Bus Operations and Maintenance Facility (BOMF). The study identified onsite expansion and renovation of the current Nelson Road BOMF as the most cost-effective option to address current and future fleet needs throughout the useful life of the renovated facility of 40+ years.

Through our on-call selection process, GoTriangle has chosen STV Engineers to assist in the procurement of a Design-Build team to design and construct the renovation to the Nelson Road facility. Utilizing the Design-Build-Bridging procurement method, STV will be part of the Design Criteria Design Professional (DCDP) team led by GoTriangle. The DCDP team will develop a 35% Design Criteria package that will include a project manual, drawings and specifications sufficient to allow the design-builder to make a responsive bid proposal.

| <i>Vendor</i> | <i>Prime Home Office Location</i> | <i>Prime Local Office Location</i> | <i>Prime DBE/MWBE Status</i> | <i>Subcontractor DBE/MWBE Firms</i> |
|---------------|-----------------------------------|------------------------------------|------------------------------|--|
| STV Engineers | New York, NY | Morrisville, Charlotte | n/a | CES Consulting (3.7%), Jarrett Engineering (3.9%), Neighboring Concepts (4.5%) |

Financial Impact

The cost estimate, based on 15% schematic design, is approximately \$35,200,000 in 2022 dollars including project development, construction management, and contingency. To address agency facility needs, GoTriangle anticipates proceeding with preliminary design and environmental review (NEPA) in 2023 to prepare the Nelson Road BOMF Modernization and Expansion project for a future discretionary federal grant application for construction funding. The local match for the project would come from the county transit plans. Currently, the Durham and Wake transit plans include approximately \$40,000,000 as a placeholder for this project, based on the schematic design and associated timeline.

Attachments

- None

BOMF Modernization & Expansion Project



Scope of Improvements

- Build-out design capacity of 120 fixed-route vehicles
- Expansion of employee parking on the north side of Nelson Road
- Building addition to house improved staff facilities and amenities
- Reconfigure existing building space to improve maintenance efficiency
- Add second service lane and bus wash
- Reconfigure revenue vehicle parking and servicing staging area
- Add shade canopy structure over parking area – supports installation of future additional charging infrastructure and potential solar generation
- Construction to be phased to maintain bus operations throughout

Programming & Funding

Local Funding

- Wake, Durham, and Orange County Transit Plans

Federal Funding

- Received Low-No Emissions Electric Charging Infrastructure Grant 2023
- Applied for PROTECT Planning Grant August 2023
- Anticipated to apply for CPRG EPA Grant April 2024
- Anticipated to apply for PROTECT Construction Grant August 2024

Cost Estimate

Construction: \$21,000,000

Project Development: \$5,900,000

Project and Construction Management: \$2,400,000

Unallocated Contingency: \$5,900,000

TOTAL: \$ 35,200,000 (year of estimate)



Project Schedule

| Activities | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---|------|------|------|------|------|------|
| Fleet & Facilities Study (15% Design) | | | | | | |
| Low-No Emissions Charging Infrastructure Grant | | | | | | |
| PROTECT Planning Grant Application | | | | | | |
| Environmental Review | | | | | | |
| Design Criteria Package (35% Design) | | | | | | |
| Design-Build Bridging (Final Design & Construction) | | | | | | |
| Project Completion | | | | | | |

**Preliminary Schedule – Subject to Change*



GoTriangle will submit Checklist to Initiate NEPA to FTA

Design Criteria Design Professional Consultant

- STV selected using on-call process for A/E services
- STV will be part of Design Criteria Design Professional team led by GoTriangle
- Team will develop 35% Design Criteria package including a project manual, drawings, and specifications sufficient to allow prospective design-builders to make responsive bid proposals.

| <i>Vendor</i> | <i>Prime Home Office Location</i> | <i>Prime Local Office Location</i> | <i>Prime DBE/MWBE Status</i> | <i>Subcontractor DBE/MWBE Firms</i> |
|----------------------|--|---|-------------------------------------|--|
| STV | New York, NY | Morrisville, Charlotte | n/a | CES Consulting (3.7%), Jarrett Engineering (3.9%), Neighboring Concepts (4.5%) |

Recommendation

Authorize the President/CEO to execute an agreement with STV, Inc to develop a 35% Design Criteria package for Nelson Road Bus Operations and Maintenance Facility at a cost not to exceed the amount of \$900,000, contingent upon the adoption of criteria for using the Design-Build-Bridging delivery method for this project.

Note: The Administration & Governance Committee, following this meeting, will consider recommending adoption of criteria for using the Design-Build-Bridging delivery method