

Independent Cost Estimate (ICE)

INDEPENDENT COST ESTIMATE SUMMARY FORM

Project Name:	BRT East-West Bank Corridor, Preliminary Engineering and NEPA Clearance
Project Number:	2021-FG-01
Date of Estimate:	3-7-2025
Description of Goods/Services:	This ICE covers the Preliminary Engineering (30% Design Phase) for the 15.1-mile East-West BRT project, including preliminary design, station layout, alignment, NEPA clearance, and stakeholder engagement.

☒ New Procurement

☐ Contract Modification (Change Order) – (Request for Technical Proposals for On-call Pool)

☐ Exercise of Option

Method of Obtaining Estimate:

☐ Published Price List (attach source and date)

☐ Historical Pricing (attach copy of documentation from previous PO/Contract) – historical pricing paired with additional scope elements in this solicitation

☐ Comparable Purchases by Other Agencies (attach email correspondence)

☐ Engineering or Technical Estimate (attach)

☐ Independent Third-Party Estimate (attach)

☒ Other (specify) Program Budget attach documentation

☐ Pre-established pricing resulting from competition (Contract Modification only)

Attach additional documentation such as previous pricing, documentation, emails, internet screen shots, estimates on letterhead, etc.

Summary of Method:

The RTA developed a detailed program budget for the East-West BRT Project as part of its submission to the FTA's Capital Investment Grant (CIG) program. This budget was informed by industry benchmarks, local cost data, and comparable BRT projects. Within the overall project budget, the cost for 30% design and NEPA review was specifically identified, totaling **\$ 5,322,955**.

Accordingly, our cost estimate for this phase is **\$5,322,955**, as detailed in **Attachment 1 to this ICE**

Scope Identification:

The 30% Design Phase for the **East-West BRT Project** includes preliminary design, environmental review under NEPA, stakeholder engagement, and integration with ongoing transit projects. The cost estimate that was prepared for the project's submissions to the FTA's CIG program was informed by the project scope, RTA's Capital Improvement Plan, and comparable BRT projects, with budget categories covering design, NEPA compliance, public outreach, and contingency.

Category	Proposed Allocation for 30% Design (\$)
Project Development & NEPA	\$4,923,733
Public & Stakeholder Engagement	\$399,222
TOTAL	\$5,322,955

Given that the cost estimate for the CIG program was prepared by a professional cost estimator, we believe the estimate is both reasonable and market appropriate.

Therefore, through the method(s) stated above, it has been determined the estimated total cost of the goods/services is **\$5,322,955**

The preceding independent cost estimate was prepared by:

Ademola Adekoya, Senior Transportation Planner

Name



Signature

Unit Item Number		Description of Work	Unit	Estimated Quantity	Estimated Unit Price	Estimated Total Cost
Estimate of Probable Cost						
GUIDEWAY						
10.01-01		Exclusive Guideway Reconstruction	RM	10.42	1,110,000.00	\$ 11,562,500
10.01-02		Exclusive Guideway Re-Striping	LF	320,000.00	3.00	\$ 960,000
				Section 10.01 Subtotal		\$ 12,522,500
10.02-01		Semi-Exclusive Guideway Mill and Overlay	RM	0.63	1,200,000.00	\$ 750,000
10.02-02		Semi-Exclusive Guideway Re-Striping	LF	26,000.00	3.00	\$ 78,000
				Section 10.02 Subtotal		\$ 828,000
STATIONS, STOPS, TERMINALS, INTERMODAL						
20.01-01		Typical Station Platform	EA	35.00	650,000.00	\$ 22,750,000
20.01-02		End of Line Stations	EA	2.00	1,000,000.00	\$ 2,000,000
20.01-02		Transit Center	LS	-	23,500,000.00	\$ -
				Section 20.01 Subtotal		\$ 24,750,000
SUPPORT FACILITIES: YARDS, SHOPS, ADMIN BUILDINGS						
30.01-01		Operator Facilities/Other Buildings	SF	-	-	\$ -
				Section 30.01 Subtotal		\$ -
SITENETWORK AND SPECIAL CONDITIONS						
40.01-01		Curb and Gutter Demolition	LF	110,000.00	25.00	\$ 2,750,000
40.01-02		Clearing and Grubbing	SY	7,500.00	20.00	\$ 150,000
40.01-03		Roadway Demolition	SY	135,000.00	15.00	\$ 2,025,000
40.01-04		Median Demolition	SY	67,500.00	65.00	\$ 4,387,500
40.01-05		Roadway Milling and Overlay	SY	135,000.00	50.00	\$ 6,750,000
40.01-06		Pavement Marking Removal	LF	346,000.00	1.00	\$ 346,000
40.01-07		Sidewalk Demolition	SY	17,500.00	17.00	\$ 297,500
40.01-08		Tree Removal	LS	1.00	300,000.00	\$ 300,000
				Section 40.01 Subtotal		\$ 17,006,000
40.06-01		6" Sidewalk Construction	SY	21,500.00	70.00	\$ 1,505,000
40.06-02		Neutral Ground Construction	SY	20,000.00	35.00	\$ 700,000
40.06-03		Streetscaping	LS	1.00	2,000,000.00	\$ 2,000,000
40.06-04		Landscaping	LS	1.00	1,175,000.00	\$ 1,175,000
40.06-05		Curb and Gutter	LF	110,000.00	65.00	\$ 7,150,000
				Section 40.06 Subtotal		\$ 12,530,000
ALLOWANCES						
40.02-01		Miscellaneous Removals	LS	1.00	2%	\$ 1,352,730
40.02-02		Site Utility Coordination	LS	1.00	15%	\$ 10,145,475
40.02-03		Supplemental Street Lighting	LS	1.00	8%	\$ 5,410,920
40.02-04		Drainage Costs	LS	1.00	8%	\$ 5,410,920
40.06-05		Bicycle and Pedestrian Accommodations	LS	1.00	4%	\$ 2,705,460
50.02-01		Traffic Signals	LS	1.00	15%	\$ 10,145,475

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