

COST PROPOSAL - BAFO

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Phase 1 (Base Project)

Vehicle hardware, Real-time predictions, GTFS feeds, public website, surveys, installation, application, and cloud dispatch software

Item	Description	#	Unit Cost USD	Total USD	Notes
1	PROJECT MANAGEMENT, SYSTEM CONFIGURATION AND SURVEYS				
1A	Project Management Hours - Per Hour	200	55.00	11,000.00	Weekly Project Meetings and detailed processes for issue management, risk management, and quality assurance
1B	Vehicle Survey - Lump Sum	1	4,875.00	4,875.00	Survey of all stops and all vehicle types, ensures a smooth install 1 full week
1C	Route, Stop, and Schedule Initial Configuration - Lump Sum	1	2,080.00	2,080.00	Our team sets up the route, schedule, and stop system from end-to-end later, we train you on how we did it
1D	Discovery Meeting	1	4,875.00	4,875.00	Initial project meeting meant to set acceptance criterion, schedules, and discuss system design
1E	System and Vehicle Design	170	60.00	10,200.00	Thorough Vehicle Design and System Documentation
1	TOTAL			33,030.00	
2	HARDWARE				
2A	Connexionz K86 Android Tablet	35	900.00	31,500.00	IP65 commercial grade android tablet. Includes lockable bracket and RAM mount. Powered by ignition. Connected Directly to modem.
2B	Connexionz Medius Onboard Integration device and AVAS	35	2,300.00	80,500.00	Includes plug and play I/O for future integrations. The Medius is single onboard computing device and connected directly to speaker system for AVAS. Includes integration to existing modem.
2C	Pepwave BR1 Modem	35	600.00	21,000.00	Modem, can be used for future growth/connectivity

Item	Description	#	Unit Cost USD	Total USD	Notes
2D	Internal LED Sign and cable - Hanover	35	900.00	31,500.00	Internal next-stop sign from Hanover *Connexionz can integrate existing signage instead for a small charge if existing signs are compatible. More information on existing signage required.
2E	Vehicle cabling for power, speakers, and communication	35	150.00	5,250.00	Vehicle cabling for power, speakers, and communication
2F	Real-time engine diagnostics cable	35	300.00	10,500.00	Allows for DTC to come through dispatch in real-time. Includes maps of trouble buses and alert notifications.
2	TOTAL			180,250.00	
3	INSTALLATION				
3A	Vehicle Installation - Per Vehicle	35	896.00	31,360.00	Onsite Installation with Connexionz employed field techs
3B	Travel Costs - Per Person	2	14,600.00	29,200.00	2 Install techs, 2 trips, 40 total days, including final testing
3C	Headsign integration	35	100.00	3,500.00	Includes J1708 cable and link to J1708 compliant OCU for Luminator, Twinvision, and Hanover
3D	Extra Travel trip	1	8,000.00	8,000.00	Final travel fee for Proterra retrofit
3	TOTAL			72,060.00	
4	SOFTWARE				
4A	TransitManager Software package - Includes: Connexionz Dispatch, Route Planner, Analysis, and Media Manager	1	20,000.00	20,000.00	Cloud Hosted - Microsoft Azure - 10 users
4B	Connexionz Operator Tablet Software - Per tablet	35	200.00	7,000.00	Lifetime license for all purchased tablets. CNX MDT Includes: Trip Screen Real-time Load Route map, trip turns Messaging Log-In
4	TOTAL			27,000.00	
5	REAL TIME PASSENGER INFORMATION				
5A	Passenger Public Website - Lump sum	1	5,000.00	5,000.00	Website includes real-time moving maps, e-mail-based subscription and alerts, service alerts, bus stop ID query tab, trip planning tab, ADA compliant text-only, and individual URL's for stop IDs
5B	White labeled "Ryde" apps for iOS and Android - Lump sum	1	5,000.00	5,000.00	Native application called "Racine Transit" or "Ryde" for both Android and iOS
5C	Data Feeds - GTFS, GTFS-RT, XML, 511, API's	1	0.00	0.00	Includes standard open feeds, GTFS, and availability for data feed for any available dataset by request.

5D	SMS System	1	10,000.00	10,000.00	1 local phone number and 200,000 texts in/out
5	TOTAL			20,000.00	

Item	Description	#	Unit Cost USD	Total USD	Notes
6	TRAINING, HANDOVER, and SYSTEM MANUALS				
6A	Onsite training (3 days) - Lump sum	1	5,000.00	5,000.00	Vehicle equipment, vehicle operators, CNX Route Planner, dispatch, and analysis. 2 days of scheduled training, 1 day as needed
6B	Manuals and documentation, Testing procedures, Project handover	1	1,903.00	1,903.00	Final meeting - handing project from project manager to service manager. Includes introduction and training for helpdesk and paper manuals
6	TOTAL			6,903.00	
TOTAL YEAR 1 COST - BASE PROJECT				339,243.00	
Shipping Charges				2,000.00	
Total with Shipping				341,243.00	

Year 2+

Item	Description	Total USD	Notes
Year 2	Annual maintenance, hosting, and support fee	30,000.00	Includes 2nd year hardware warranty, hosting, software updates, 24/7/365 support, for entire system
Year 3	Annual maintenance, hosting, and support fee	32,000.00	
Year 4	Annual maintenance, hosting, and support fee	34,000.00	
Year 5	Annual maintenance, hosting, and support fee	36,000.00	
Year 6	Annual maintenance, hosting, and support fee	38,000.00	
Year 7	Annual maintenance, hosting, and support fee	40,000.00	
Year 8	Annual maintenance, hosting, and support fee	42,000.00	
Year 9	Annual maintenance, hosting, and support fee	44,000.00	
Year 10	Annual maintenance, hosting, and support fee	46,000.00	

Transit Center Signage

Item	Description	#	Unit Cost	Total USD	Notes
SIGNAGE OPTIONS					
1	Outdoor 55" LCD Sign – For transit centers - by Suntronic	5	9,000.00	45,000.00	Includes IP65 rated 55" LCD, sign driver, standard mounting, and installation, but not travel. Displays ETAs for all TC routes
2	Cellular Router – For Communication at transit center signage	5	1,000.00	5,000.00	Allows for cellular network to be used for signage. *only as required. LAN is also an option
3	Non standard mounting – Ceiling mount	5	1,800.00	9,000.00	Allowance for non-standard mounts *only as required
4	Travel Fee, Transit Center Installation	1	7,500.00	7,500.00	Allowance for non-standard mounts *only as required
TOTAL				66,500.00	
	Connexionz content management – Annual license	5	400.00	2,000.00	Recurring annual fee, per screen. Content management software *only as required

Other Options

Item	Description	#	Unit Cost USD	Total USD	Notes
1	Pre/Post Trip Inspection Module	1	10,000.00	10,000.00	Module for automated inspections on web/mobile phones or vehicle tablets. Forms can be customized and inspection alerts can be automated by email to staff.
2	Real-time engine diagnostics cable	35	300.00	10,500.00	Allows for DTC to come through dispatch in real-time. Includes maps of trouble buses and alert notifications.
3	2 Screen onboard infotainment hardware + mounting	13	6,500.00	84,500.00	Two 20" multimedia screens, mounting, and cables. New Vehicles only.
4	Travel and Installation for infotainment option	1	16,500.00	16,500.00	Assumes installation with the rest of the CAD/AVL system.

Standard Conditions

1. Local and federal taxes not included.
2. Shipping/freight is not included
3. Travel costs – If proposed travel and accommodation needs to be re-scoped due to changes in customer requirements Connexionz would be required to re-price travel.