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New Flyer and Burns & McDonnell Selected for Battery Electric Bus Charging Infrastructure Construction Project in St. Louis

Metro Transit to Offer New Sustainable Mobility Options

ST. LOUIS, Missouri — New Flyer of America (New Flyer), one of the world’s leading independent global bus manufacturers, and Burns & McDonnell, a 100% employee-owned engineering, construction and architecture company, have been selected for an $8.7 million contract for the construction of charging infrastructure for battery electric buses (BEBs) for the Metro Transit fleet. Metro Transit operates the public transportation system for the St. Louis region, which includes MetroBus, a 400-vehicle clean-burning diesel bus fleet that services a 550-square-mile area in eastern Missouri and southwestern Illinois.

“The introduction of battery electric buses into the MetroBus fleet next year represents our commitment to providing economically and environmentally sustainable mobility options as well as an excellent transit experience for our riders,” says Jessica Mefford-Miller, Metro Transit executive director. “We will be leaner and greener by introducing this battery electric bus technology, not just with the buses but also through the charging infrastructure and operating facilities.”

Metro Transit will introduce battery electric technology to the MetroBus fleet with the addition of 14, 60-foot New Flyer Xcelsior CHARGE™ BEBs and four 40-foot GILLIG Ebus BEBs. Operation of these vehicles will require both overhead in-route charging at the Broadway & Taylor Transit Center (North Broadway and Taylor Streets in St. Louis) and depot charging at the Brentwood MetroBus facility in Brentwood, Missouri. This charging infrastructure will consist of charging units, new dedicated power supplies and charging dispensers to enable safe operation. The chargers at the Brentwood MetroBus facility will provide overnight charging capability, and the chargers at the Broadway & Taylor Transit Center will enable in-route charging as necessary to maintain a sufficient state of charge to complete scheduled operations.
“This is a landmark investment in American infrastructure and zero-emission technology, and we’re pleased to provide sustainable mobility solutions through buses, technology and infrastructure,” says Chris Stoddart, president of New Flyer. “Metro is leading sustainable mobility and shaping the community’s quality of life for the better. Together, we’re making the evolution to electric a reality for Greater St. Louis.”

The battery electric buses will officially go into service next year with the 60-foot vehicles operating exclusively on the #70 Grand MetroBus route, which carries about 10% of Metro Transit’s customers on a daily basis. The contract is for construction services for a turnkey charging infrastructure solution at both locations, including the design, permitting, approvals, equipment/material sourcing, construction/installation and commissioning necessary to install the in-route charging and depot charging systems.

“The addition of BEBs and associated infrastructure is an exciting step forward for electrification in St. Louis,” says Kyle Pynn, who leads electric vehicle infrastructure at Burns & McDonnell. “We are honored to be a part of the project and to transition Metro Transit from conception to deployment smoothly and efficiently.”

Burns & McDonnell serves the St. Louis metropolitan area from two offices comprising more than 200 full-time professionals. The Burns & McDonnell team in St. Louis has served the metropolitan area’s needs since 1989, delivering a wide range of projects, including electric transmission and distribution, roads and bridges, cybersecurity, water and wastewater, labs and clean rooms, aviation, power generation, defense facilities and air quality improvements.

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**About New Flyer**

New Flyer is North America’s heavy-duty transit bus leader and offers the most advanced product line under the Xcelsior® and Xcelsior CHARGE™ brands. It also offers infrastructure development through New Flyer Infrastructure Solutions™, a service dedicated to providing safe, sustainable, and reliable charging and mobility solutions. New Flyer actively supports over 35,000 heavy-duty transit buses (New Flyer, NABI, and Orion) currently in service, of which 8,600 are powered by electric motors and battery propulsion and 1,900 are zero-emission. Further information is available at [www.newflyer.com](http://www.newflyer.com).

**About Burns & McDonnell**
Burns & McDonnell is a family of companies bringing together an unmatched team of 7,600 engineers, construction professionals, architects, planners, technologists and scientists to design and build our critical infrastructure. With an integrated construction and design mindset, we offer full-service capabilities with more than 55 offices, globally. Founded in 1898, Burns & McDonnell is a 100% employee-owned company and proud to be on Fortune’s 2020 list of 100 Best Companies to Work For. Learn how we are on call through it all.