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AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

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EDENCRETE™ - US UPDATE

First Commercial EdenCrete™ Order for an Infrastructure Project in Atlanta, Georgia

Eden Energy Limited (“Eden”) (ASX: EDE) is pleased to announce that it has received its first commercial order for its EdenCrete™ concrete admixture that is to be used in a new infrastructure project in Georgia.

A section of a concrete hard stand area is to be installed using EdenCrete™ enriched concrete at a new state-of-the-art bus garage being constructed in Atlanta by the Metropolitan Atlanta Rapid Transit Authority or MARTA.

The new facility at the MARTA Brady Mobility facility (see Figure 1), is being built on a site where a previous bus garage was located before demolition. The EdenCrete™ section of the project is scheduled to be constructed this month. The facility will house the administrative functions, operations, and maintenance facilities for a fleet of up to 200 Mobility vehicles (specialized vans and cutaway buses).



Figure 1 – The Brady Mobility Facility

The facility, comprising an area of approximately 7,250 m² (78,200 ft.²), is situated on a 4.45ha (11 acre) site and is being constructed at an estimated total project cost of US\$38, 000,000 (see Figures 2 -5).

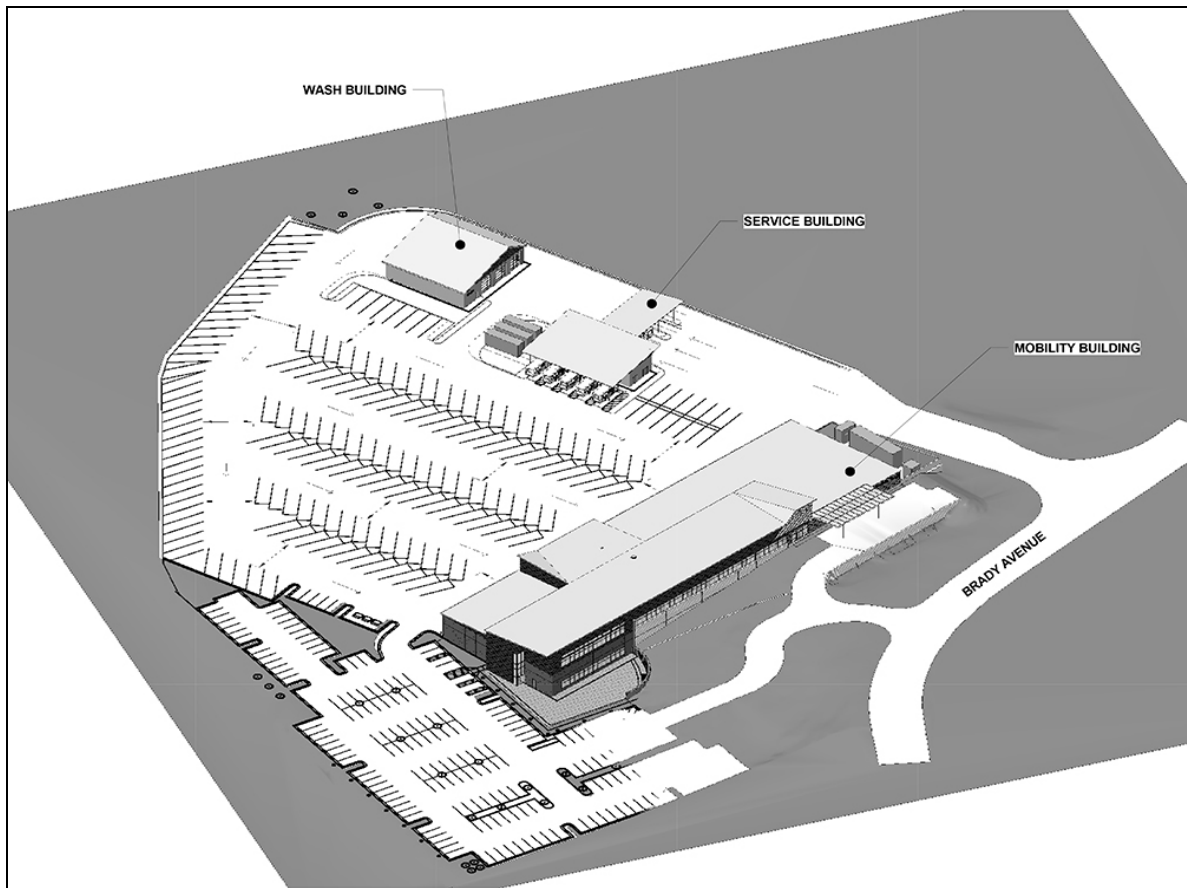


Figure 2- The Brady Mobility Facility Site Plan



Figure 3- The Maintenance Section



Figure 4- The Cleaning Section



Figure 5- The Re-Fuelling Section

The Brady facility will serve as the “model of modern transit operations, maintenance design and technology. It will be safe, functional, easy to maintain, and significantly more energy efficient as a LEED Silver facility.” *

A project of this magnitude requires an enormous volume of concrete and the service life is critical to the project’s overall level of sustainability. As well as being expensive, when it ultimately becomes necessary to replace the concrete hard stand area which is where the vehicles are parked, it will also disrupt the operation of the facility. MARTA, which wishes to cost effectively extend the planned service life of the concrete slab and defer the expensive rip and repair (R&R) replacement process that will be necessary when the slab cracks and breaks down, has been exploring the possible use of new and innovative products to improve concrete performance, and has agreed to trial the EdenCrete™ admixture as a demonstration project in an area of 19.7m (60 feet) x 19.7m (60 feet) x 305mm (1foot) of the large hard stand area.

The demonstration area will require approximately 126yds³ of concrete and will incorporate EdenCrete™ at a dosage rate equal to 4 gallons per cubic yard of concrete (gpy), requiring approximately 500 gallons of EdenCrete™ for the job. At this dosage rate, EdenCrete™ is anticipated to double the service life of the concrete by enhancing the concrete’s resistance to abrasive wear, increasing its flexural strength and also its durability due to reduced permeability.

The EdenCrete™ section will be subjected to extreme rolling frictional forces due to the constant wear and abuse of large vehicle tyres when turning on the slab from day to day, and will be evaluated over time relative to the rest of the concrete not containing EdenCrete™.

The targeted extension of concrete service life is intended to ultimately reduce the in-service cost for the project by significantly deferring disruptive and costly repair projects due to excessive cracking and/or abrasion over time.

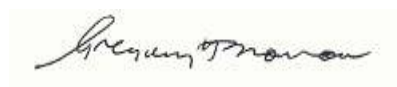
MARTA, which has served the Atlanta metropolitan area for more than 35 years, operates a number of sustainability programs that are applied to many areas within the organization including its fleet of compressed natural gas (CNG) buses. For instance, MARTA’s Laredo Bus Garage has the largest solar canopy installation in the state of Georgia, and the second largest structure of its kind at a U.S. transit system.

* <http://maintenancedesigngroup.com/projects/marta-brady-mobility-facility/>

Whilst this first infrastructure contract is only for a small demonstration project, if the performance of the EdenCrete™ section of the concrete slab reproduces similar positive results to those achieved in other field and laboratory tests focusing on similar performance characteristics, it will be a further significant milestone for Eden in its ongoing efforts for EdenCrete™ to penetrate and become accepted for use in the huge U.S. infrastructure market.

BACKGROUND

EdenCrete™ is Eden's 100% owned, proprietary carbon-strengthened concrete additive, one of the primary target markets for which is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges and other infrastructure. Additionally, it has potential for use in a range of other applications including high-rise building construction, marine and coastal applications, highly abrasive and hard wearing applications, water storage and pipelines, and pre-fabricated concrete structures and products.



Gregory H. Solomon
Executive Chairman