

EXHIBIT B, Attachment II
Grant Number: G17-ZNZE-10, Amendment 1

Project Milestones and Disbursement Schedule

Grantee: City of Los Angeles Harbor Department (Port of Los Angeles)

Grant No.: G17-ZNZE-10

Project: Zero-Emission Freight “Shore to Store” Project

Task	Task Description	Task Deliverables	Project Funding		Match Funding		Total	DUE DATE
			Project	Admin	Cash	In-Kind		
Task 1.0 Administrative and Project Management								
Task 1.1 - Execute Grant Agreement								
1.1.1	Execute Subcontracts – provide copies of subcontracts to CARB	N/A	\$0	\$0	\$0	\$0	\$0	Jun-19
1.1.2	Verified Completed CEQA		\$0	\$0	\$0	\$0	\$0	Feb-19
1.1.3	Signed Grant Agreement		\$0	\$0	\$0	\$0	\$0	Feb-19
Task 1.2 – CEC Funded Projects	Provide copies of executed Agreements to CARB	Executed Agreements	\$0	\$0	\$0	\$25,999,331	\$25,999,331	Feb-19
Task 1.3 - Quarterly Reports	Quarterly Reports	Quarterly Reports	\$0	\$0	\$0	\$0	\$0	Ongoing
Task 1.4 – Final Report	Final Report	Final Report	\$100,000	\$0	\$0	\$0	\$100,000	Mar-21
Task 1.4	Final Reporting							
1.4.1	Draft Final Report	Draft Final Report	\$0	\$0	\$0	\$0	\$0	Jan- 23
1.4.2	CARB Symposium Presentation	Symposium Presentation	\$0	\$0	\$0	\$0	\$0	Mar-23
1.4.3	Final Report	Final Report	\$100,000	\$0	\$0	\$0	\$100,000	Apr-23

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Task 2.0 Design, Construction, and Commissioning of Hydrogen Infrastructure								
2.1	Hydrogen Refueling Station in Ontario	Final photos, commissioning report including proof of operation	\$9,250,000	\$0	\$0	\$0	\$9,250,000	May-20 Feb-21
2.2	Hydrogen Refueling Station in Wilmington	Final photos, commissioning report including proof of operation	\$7,850,000	\$0	\$1,400,000	\$0	\$9,250,000	Jun-20 Feb-21
Task 3.0 Truck Fleet Design, Build, and Support								
3.1	Vehicle Design / Build / Validation Units #1 - #5	Internal tests report, proof of delivery and operation	\$9,500,000	\$0	\$5,810,000	\$0	\$15,310,000	Jul-19 Feb-21
3.2	Design Updates / Build / Validation Units #6 - #10	Internal tests report, proof of delivery and operation	\$8,830,000	\$0	\$4,810,000	\$0	\$13,640,000	Jun-20 May-21
3.3	Demonstration Readiness / Vehicle Operation & Support	Final Engineering Documentation, Ongoing Manufacturer Support report	\$2,100,000	\$0	\$200,000	\$0	\$2,300,000	Jan-21 Sept-21
Task 4.0 Yard Tractors and Charging Infrastructure								
4.1	Engineering and Design - Infrastructure	Final design report - Complete engineering plans	\$100,000 \$0	\$0	\$0	\$100,000 \$200,000	\$200,000	Jun-19 May-19
4.2	Infrastructure Bid Process	Issued RFP, final scores and	\$0	\$0	\$0	\$0	\$0	Aug-19

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			Project	Admin	Cash	In-Kind		
		selection summary						
4.3	Utility Permitting and Construction	Final Permits, Overall Construction plan	\$250,000 <u>\$0</u>	\$0	\$0	\$0	\$250,000 <u>\$0</u>	Jun-20
4.44.4.1	Site Construction and Commissioning <u>Infrastructure Construction: UTR Support and Ordering of Switchgear</u>	Final photos, commissioning report <u>Construction Contractor Invoices</u>	\$2,050,000 <u>\$1,000,000</u>	\$0	\$0	\$100,000 <u>\$0</u>	\$2,150,000 <u>1,000,000</u>	Aug-20 <u>Mar-21</u>
<u>4.4.2</u>	<u>Infrastructure Construction: e-Crane Support</u>	<u>Construction Contractor Invoices</u>	<u>\$1,000,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,000,000</u>	<u>Mar-22</u>
4.5	Yard Truck Delivery <u>Commission Infrastructure</u>	Photos of delivered tractors, written notice of first operation <u>Commissioning Report</u>	\$600,000 <u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	\$600,000 <u>\$0</u>	Aug-20 <u>Mar-22</u>
<u>4.6</u>	<u>Delivery of (2) ZE UTRs and Charging Station</u>	<u>Vendor Invoice and/or Bill of Landing, photos of delivered tractors, written notice of first operation</u>	<u>\$1,000,000</u>	\$0	\$0	\$0	<u>\$1,000,000</u>	<u>Feb-21</u>

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			Project	Admin	Cash	In-Kind		
Task 5.0 Technology Demonstrations								
Task 5.1 - Truck Demonstration								
5.1.1	Operation of Phase 1 Trucks	Test plan prior to beginning of each demonstration, C _o llected data provided in Status Reports.	\$0	\$0	\$1,531,848	\$0	\$1,531,848	Jan-24 Sept-21
5.1.2	Operation of Phase 2 Trucks		\$0	\$0	\$545,433	\$930,000	\$1,475,433	Jan-24 Sept-21
Task 5.2 - Yard Tractor Demonstrations	Demonstration of (2) Yard Tractors ZE UTRs at POH		\$0	\$0	\$0	\$0	\$0	Jan-24 June-22
Task 5.3 - Forklift Demonstration	Forklift Demonstration at Toyota Warehouse		\$0	\$0	\$0	\$0	\$0	Jan-24 June-22
Task 6.0 Data Collection and Analysis								
6.1	Data Collection	Data collection plan	\$193,794	\$0	\$0	\$0	\$193,794	Jun-19 July-20
6.2	Data Analysis, Ongoing	Data included in Quarterly Reports (Task 1.3)	\$131,630	\$0	\$0	\$0	\$131,630	Mar-24 Sept-22
6.3	Advanced Data Analytics	Analytics included in Final Report (Task 1.4)	\$166,836	\$0	\$0	\$0	\$166,836	Mar-24 Jan-23
	TOTAL		\$41,122,260	\$0	\$14,297,281	\$27,129,331	\$82,548,872	

*CARB will not reimburse for Final Report until approval of Final Report