

USDOT RAISE Grant - July 2021

Lordstown Smart Logistics Hub: Phase 1 - Cost Estimate

Item	Quantity	Unit	Unit Cost	Total Cost
Capital Costs				
Trailer Transfer Yard				
Paving	36,000	square yard	\$65	\$2,340,000
Traffic Control	1	lump	\$44,000	\$44,000
Stormwater Management	1	lump	\$78,000	\$78,000
			<i>Subtotal</i>	<i>\$2,462,000</i>
			Contingency (10%)	\$246,200
			Inflation (2 years at 2.5%)	\$137,103
			Total	\$2,845,303
Solar Powered EV Charging Stations				
EV Chargers	4	each	\$28,000	\$112,000
Solar Array	1	each	\$760,000	\$680,000
			<i>Subtotal</i>	<i>\$792,000</i>
			Contingency (10%)	\$79,200
			Inflation (2 years at 2.5%)	\$44,104
			Total	\$915,305
Automated Freight Route & Fiber Optic				
Fiber Optic	17	mile	\$5,000	\$85,000
Poles	45	each	\$3,500	\$157,080
RSU Commsignia RS4 DSRC/CV2X	45	each	\$7,500	\$336,600
			<i>Subtotal</i>	<i>\$578,680</i>
			Contingency (10%)	\$57,868
			Inflation (2 years at 2.5%)	\$32,225
			Total	\$668,773
Total Capital Costs				\$4,429,380
Design & Construction Administration				
Preliminary Engineering (3%)				\$132,881
Detailed Design (5%)				\$221,469
Construction Administration (5%)				\$221,469
Other Soft Costs - Legal & Permitting (2%)				\$88,588
PROJECT TOTAL COST				\$5,093,787