



CITY OF RIVERSIDE AND OHMIO, INC. AUTONOMOUS VEHICLE CONCEPTUAL FRAMEWORK AND PROPOSAL

COMMUNITY & ECONOMIC DEVELOPMENT DEPARTMENT

Economic Development, Placemaking and Branding/Marketing Committee

AUGUST 17, 2023

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CONCEPTUAL FRAMEWORK

PARTNERSHIP OPPORTUNITY

- Proposal from Ohmio, Inc. to locate:
 - International Headquarters
 - Manufacturing Facility (1st in US)
 - Research and Development Center
 - Point of Sale
- City Lease of Autonomous Suttles
 - 3 Shuttles
 - Two-year lease - \$1.5M
 - \$2.25M all-in



Ohmio LIFT Autonomous Shuttle

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HMI TECHNOLOGIES AND OHMIO, INC.

HMI TECHNOLOGIES

- Ohmio's parent company
- Global leader in Transport Systems
 - Variable message signs
 - Speed activated signs
 - Motorway signaling
- +20 years in operation
- Global presence



OHMIO, INC.



- Established in 2016
- Headquartered in New Zealand
 - Offices in Florida, Luxembourg and UK
- Growing demand in U.S.
 - U.S. built autonomous shuttles
 - Ontario Intl. Airport Finalist
- Global operation:
 - New Zealand & Australia
 - South Korea
 - Netherlands & United Kingdom
 - Finland

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DEMONSTRATION AND DEPLOYMENT



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Ohmio Platooning at JFK Airport

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IMPACT



1. Local Manufacturing
2. Jobs
3. Supply Chain
4. Research and Development
5. International Headquarters
6. Point of Sale
7. Adaptive Reuse
8. Sustainable
9. Brand
10. Deployment



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INNOVATION & ECONOMIC BENEFITS

ADVANTAGES

- Capitalizes on synergetic relationship with UCR and CARB
- Creates high-tech paying jobs and career pathways in cleantech
- Potential to become a large sales tax generator
- Industry growth repurposes warehousing and reduces pollution, commuting and traffic congestion
- Highlights City of Riverside as the innovation hub
- Draw talent and investment to Riverside given the forward thinking all-electric autonomous vehicle manufacturing and deployment



Ohmio HOP Autonomous Shuttle



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STRATEGIC PLAN ALIGNMENT

Strategic Priority 3 - Economic Opportunity

Strategic Priority 4 – Environmental Stewardship

Strategic Priority 6 – Infrastructure, Mobility and Connectivity

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability &
Resiliency



Equity



Innovation



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RECOMMENDATIONS

That the Economic Development, Placemaking, and Branding/Marketing Committee:

1. Receive and review the Conceptual Framework Proposal;
2. Recommend approval of the Conceptual Framework Proposal to the City Council;
3. Recommend to the City Council that staff prepare an agreement per the parameters of the Proposal;
4. Recommend that the City Council approve, by at least five votes, a supplemental appropriation in an amount not to exceed \$2.25 million inclusive of a \$1.5 million capital lease for three all-electric autonomous shuttles, "safety drivers" not to exceed \$400,000 and related costs like maintenance/repair, electricity, and insurance.
5. Recommend to the City Council the authorization of the City Manager to negotiate and execute the agreement per the Proposal.



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