

CUSTOMER AND SUPPLIER COLLABORATION

Designing the optimal solution for a city's electric autonomous water shuttle fleet require collaboration between the customer and the suppliers to address various key points. Here's a guide that combines essential aspects from both perspectives:

1. Regulatory and Legal Considerations:

- Supplier: Ensure compliance with European maritime regulations, safety standards, and certifications.
- Customer: Understand the regulatory landscape and work with the supplier to ensure legal compliance.

2. Environmental Sustainability:

- Supplier: Design the water shuttles to meet or exceed European environmental standards, focusing on emissions, noise, and energy efficiency.
- Customer: Prioritize sustainability goals and seek eco-friendly solutions that align with the city's environmental initiatives.

3. Local Cultural and Social Context:

- Supplier: Customize the design and services to respect local preferences, languages, and cultural norms.
- Customer: Communicate local expectations and cultural nuances to the supplier for a tailored user experience.

4. Integration with Transportation Infrastructure:

- Supplier: Design water shuttles that seamlessly integrate with existing waterways, ports, and terminals.
- Customer: Share information about transportation infrastructure to facilitate integration planning.

5. Navigation and Mapping:

- Supplier: Develop navigation systems optimized for European waterways, accounting for canal dimensions and currents.
- Customer: Provide accurate mapping data and waterway characteristics for precise navigation.

6. Data Privacy and Security:

- Supplier: Implement robust data privacy and security measures in line with European regulations.
- Customer: Prioritize passenger data protection and collaborate with the supplier on data security practices.

7. Charging Infrastructure and Energy Sources:

- Supplier: Design charging infrastructure compliant with European electrical standards and explore renewable energy options.
- Customer: Consider energy sources and charging requirements, collaborating with the supplier for optimal solutions.

8. Safety and Emergency Procedures:

- Supplier: Develop comprehensive safety and emergency protocols adhering to European maritime safety standards.
- Customer: Collaborate with the supplier to ensure passenger and crew safety through well-defined procedures.

9. Stakeholder Engagement:

- Supplier: Engage with local government agencies, transportation authorities, and community groups to address concerns.
- Customer: Foster collaboration with stakeholders to ensure the water shuttle fleet aligns with city objectives.

10. Maintenance and Support Services: -

- Supplier: Establish maintenance centers and technical support facilities in the city, and train local technicians.
- Customer: Ensure reliable maintenance and technical support services for seamless fleet operation.

11. Long-Term Sustainability:

- Supplier: Demonstrate a commitment to long-term sustainability through eco-friendly design and disposal practices.
- Customer: Align sustainability goals with the supplier's efforts to minimize environmental impact.

12. Partnerships and Collaboration:

- Supplier: Collaborate with local partners, manufacturers, and academic institutions to enhance the local ecosystem.
- Customer: Facilitate partnerships that contribute to the city's economic growth and innovation.

By jointly focusing on these key points, the supplier and customer can design an optimal electric autonomous water shuttle fleet solution that aligns with the city's needs, enhances sustainability, and ensures a seamless integration into the urban transportation fabric.

Disclaimer: This is not a supplementary or complete list suitable for drawing up contracts or binding agreements. The guide is only indicative and as a conversation guide in the work of mapping, designing, and ordering a water shuttle solution.