



**MAPS 3 Transit/Modern Streetcar
Vehicle Contract**

March 2016

JACOBS®

Brookville Streetcar Contract



Agenda

- Original Brookville Proposal
- Negotiations with Brookville
- Spare Parts
- Current Vehicle Experience
- Schedule
- Vehicle options

Brookville's Proposal



- Covered four vehicle options
- None in service at time of evaluation
- Pricing included an expiration of validity
- Brookville stated that the pricing was no longer valid and an escalation in price was proposed

Contract Negotiations



- Parallel courses
 - Contract and commercial terms
 - Technical Issues
- Commercial discussions
 - Core pricing
 - Accelerated schedule
 - Revised payment profiles
 - Use of existing data
 - Warranty support and out of service implications

Contract Negotiations (Cont'd)



- Technical discussions
 - Off-wire capability
 - Vehicle performance parameters vs. modeling
 - Compressed design review processes
 - Simplified mockup requirements
 - Acceptance of existing test data
 - Vehicle charging configuration
 - Wheel/track interaction
 - Platform configurations

Spare Parts

- Other operators are using or will be using the Brookville platforms
- Potential to work in partnership with the other operators
- Priced spare parts list in the contract
- Orders can be placed up to the NTE value
- Timing of orders based on program budget and discussions with other operators

Brookville Vehicle Experience



- Brookville did not have a vehicle of this type in service at original evaluation
- Dallas has since introduced the first of the Brookville vehicles
- Experience to date has been good
- Other cities have ordered or are negotiating to order this vehicle
- Technical risk is significantly reduced compared to when the proposal was made

Schedule

- High risk item since early in the program
- Changing supplier increased the pressures
- Brookville has identified production window for OKC
- Window can accommodate a sixth vehicle if exercised
- Vehicles can be delivered ahead of our original schedule
- Current performance by Brookville has been to meet schedule

Option Vehicles

- Contract includes options for adding vehicles
- One option can be exercised within 90 days and be built with the current production at the lowest price
- Additional vehicles can be ordered at a later stage
- Pricing for additional reflects break in production and is valid for 13 months
- Pricing is scaled depending on how many vehicles are ordered
- Pricing will escalate after 13 months up to three years after NTP

Summary

- Contracting for “in production” vehicle with limited development risk
- Meets performance needs of the system
- Fits in current vendor production schedules
- Likely to achieve the project schedule goals
- Pricing within original budget
- Abilities of Brookville are satisfactory
- Requirements for additional vehicles accommodated

Comments/Questions

