HASTUS MinBus

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Metro Transit Scheduling Overview

- Schedule Metro Transit bus and rail service
- Goal: Produce accurate, cost-effective, operable schedules
- HASTUS scheduling software is the core system
Scheduling Process

- Route Timetables
- Vehicle Schedules
- Operator Schedules
- Customer Information
HASTUS

- Metro Transit’s bus and rail scheduling system since 2004
  - Currently using version 2014
- Agency’s source for vehicle and operator schedules
- Weekly data interfaces with:
  - Transit Information
  - Operations
  - Street Supervision
  - Payroll
  - Public trip planning tools
Vehicle blocking

- **Block**: A sequence of trips performed by a bus/train during a service day

- **Considerations**:
  - Vehicle types
  - Layover times and locations
  - Travel times and variability
  - Special operating conditions

- **Impacts**:
  - System cost (hours, miles, buses)
  - Customer experience
  - Quality of operator work
HASTUS MinBus

• MinBus is an add-on module to existing HASTUS software

• Features:
  – More powerful vehicle blocking tools
  – Reduce peak vehicle counts, hours, and miles
  – Assess changes to garage usage
MinBus Procurement

- Module price is $216,255
- Purchasing MinBus requires amending the 2013 License and Support Agreement originally in the amount of $1,010,419
- Annual maintenance and support costs for MinBus will be added to the overall HASTUS maintenance and support payment included in the IS budget
Proposed Action

That the Metropolitan Council authorize the Regional Administrator to amend a sole source contract with GIRO, Inc by $216,255 to purchase the MinBus module for the HASTUS software system.