

ATVC Consultant Work Plan 1-19-06.xls
2007 Jul-Dec Work Plan

CONTRACT ACTIVITIES July-December 2007		Assignment	Assignment Date	Deliverables	Due Date	Allowable Hours (Task Specific)	Actual Project Hours through Dec 30, 2007	
2007 Environmental Regulations							-	-
1	Research Hybrids	Not Applicable						-
2	Research HCNG	Not Applicable						-
3	Outreach							-
2010 Environmental Regulations							170.0	39,100.00
4	Hybrid Project Oversight	Project Close-out		None				-
5	HCNG Project Admin & Oversight	Project Close-out		None				-
6	Research Propulsion Technologies, including advanced engines, powertrains (incl hydraulic), regenerative braking, and energy	Research current electric propulsion technology	7/1/2007	Present Recommended 2008-2015 Technology Program to ATVC and Metro BOD.	Oct-07	150.0		-
7	Research Electric Trolleys	Research current electric propulsion technology		TBD. Follow-up on meetings and discussion with DWP.				-
8	Outreach	Solicit interest/support from DWP on electric trolley program.		TBD. Follow-up on meetings and discussion with DWP.		20.0		-
9	Research Fuel Cells							-
Technology Workshops							75.0	17,250.00
10	Conduct Fuel Cell & Advanced Technology Workshops	Develop agenda and plan for Fall 2006 Fuel Cell and Advanced Technology		Conduct Fall 2006 Workshop. Prepare & circulate agenda. Invite speakers.	Fall 2007	75.0		-
Neighborhood Circulators							20.0	4,600.00
11	Outreach							-
12	Research Low Emissions Circulators	Prepare paper on advanced vehicle technology options. See also 1, 2, 4, 5		See Item 19 below.		10.0		-
13	Research, Potential Candidate Circulators	Conduct Meetings with Metro Planning, Other Agencies		Set up meetings with Metro Planning to discuss feasibility, candidate locations.		10.0		-
Future Growth and Operations							50.0	11,500.00
14	Research Low Noise	Evaluate feasibility of hydraulic drive trains, hybrid vehicles, and other promising low-noise technology options.		Present Noise Reduction Strategies to ATVC and BOD		25.0		-
15	Research Availability and Applicability of 80' Double Artics	Not assigned at this time		Work with Planning on potential future candidate corridors.		25.0		-
16	Research Bus Designs vs. Passenger Flow	Not assigned at this time						-
17	Outreach							-
Other Activiites							100.0	23,000.00
18	Research Life Cycle Cost vs. Technology Cost							-
19	Research Other new systems and technologies	Update white paper on technology options and recommendations for Metro's future operations.						-
20	45' Procurement Review	Provide technical support in preparation of 45' composite bus RFP.				-		-
21	Composite Structure Research and Analysis	Conduct annual review of Composite		Provide review and recommendations	12/31/2007	25.0		-
22	Bus Procurement Plan Review and Analysis	Conduct annual review of Procurement Plans		Provide review and recommendations	12/31/2007	25.0		-
23	To Be Determined					50.0		-
Total Work Plan							415.0	95,450.00