

ATVC Consultant Work Plan 1-19-06.xls
2007 Jan-Jun Work Plan

CONTRACT ACTIVITIES Jan-Jun 2007		Assignment	Assignment Date	Deliverables	Due Date	Allowable Hours (Task Specific)	Actual Project Hours through June 30, 2007	
2007 Environmental Regulations							100.0	23,000.00
1	Research Hybrids	Complete initial evaluation of Hybrid Project	1/1/2007	Report on Hybrids	6/30/2007	50.0		-
2	Research HCNG	Complete initial evaluation of HCNG	1/1/2007	Report on HCNG	6/30/2007	50.0		-
3	Outreach	No assignment this quarter.						-
2010 Environmental Regulations							110.0	25,300.00
4	Research Advanced Vehicles, Inc. Hybrids, HCNG			See item 1 and 2 above, 19 below.				-
5	HCNG Project Admin & Oversight			See item 2 above.				-
6	Research Propulsion Technologies, including advanced engines, powertrains (incl hydraulic), regenerative braking, and energy	Research current electric propulsion technology	1/1/2007	Based on Studies of Advanced Technologies, develop recommendations for Metro 2010 ZEV	7/1/2007	100.0		-
7	Research Electric Trolleys	Research current electric propulsion technology		See item 19 below.		-		-
8	Outreach	Solicit interest/support from DWP on electric trolley program.		To be determined.				-
9	Research Fuel Cells					10.0		-
Technology Workshops							10.0	2,300.00
10	Conduct Fuel Cell & Advanced Technology Workshops	Develop agenda and plan for Fall 2006 Fuel Cell and Advanced Technology		Have date, proposed agenda ATVC/Metro Workshop on Fuel Cell	Fall 2007	10.0		-
Neighborhood Circulators							40.0	9,200.00
11	Outreach							-
12	Research Low Emissions Circulators	Prepare paper on advanced vehicle technology options. See also 1, 2, 4, 5		See Item 19 below.		20.0		-
13	Research, Potential Candidate Circulators	Conduct Meetings with Metro Planning, Other Agencies		Set up meetings with Metro Planning to discuss feasibility, candidate locations.		20.0		-
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.	1/1/2007	Develop recommendations for Metro Reduced Vehicle Noise Program.	7/1/2007	50.0		-
15	Research Availability and Applicability of 80' Double Artics	Not assigned at this time				-		-
16	Research Bus Designs vs. Passenger Flow	Not assigned at this time						-
17	Outreach							-
Other Activiites							125.0	28,750.00
18	Research Life Cycle Cost vs. Technology							-
19	Research Other new systems and technologies	Prepare a summary white paper on technology options and recommendations for Metro's future operations.	1/19/2006	Update White Paper on state of vehicle technology, and upcoming technology choices for Metro to consider. Covered also under 1, 2, 4, 5, 12, 21, 22.		-		-
20	45' Procurement Review	Provide technical support in preparation of 45' composite bus RFP.				-		-
21	Composite Structure Research and Analysis	Not assigned at this time.				-		-
22	Bus Procurement Plan Review and Analysis	Not assigned at this time.				-		-
23	To Be Determined					125.0		-
Total Work Plan							435.0	100,050.00