EPA ARRA: Project 4 - SmartWay Kit Upgrade Project

Staff Funding Recommendations

Summary of Funding Recommendations:

Projects Ranked in Order of the Following Criteria:

Cost per Ton of Nitrogen Oxides (NOx) Reductions

Cost per Ton of Carbon Dioxide (CO2) and Diesel Reductions

Location of Travel: Projects Domiciled in DFW Ozone Nonattainment Area Given

Staff recommends awarding full funding to as many projects as possible, in order of the criteria outlined above. As funds are exhausted, partial funding is recommended to the project which ranks last. Determining criteria for each project is shaded.

Cost Requested Cost Requested Cover Project Cury Cover Project Cury Cur	Dotorrining onton	a for each project is snaded.									Staff Funding Recommendation		
Description	Partner/ Subgrantee	Project Description	Location		Funds	Project Cost	NOx Reduced (Over Project	CO ₂ Reduced (Over Project	Diesel Displaced (Over Project	of PM Reduced (Over Project		Funding	Remarks
Tarsportation No.	Projects Recommended for Full Funding												
Comparison Com	Design												
ines Tucks in DFW \$135,580 \$107,100 79% \$13,137,88 \$17 \$0.18 NA \$107,100 100,00%				\$238,440	\$238,440	100%	\$9,003.99	\$207	\$2.30	\$385,812	\$238,440	100.00%	
T Bar, Inc. 38 APUs for Long-Haul Trucks Domiciled in DFW \$361,000 \$361,000 \$361,000 \$13,892.9 \$315 \$3.50 \$586,701 \$344,800 95.79% from their vendor receiving a 5% discource for the control of	_	_											
TBar, Inc. 38 APUs for Long-Haul Trucks DFW \$361,000 \$361,000 \$361,000 \$100% \$31,692.29 \$315 \$3.50 \$586,701 \$345,000 95.79% from their vendor receiving a 5% discour receiving and 5% discourred and 5% discou	Lines	Trucks	in DFW	\$135,580	\$107,100	79%	\$13,137.88	\$17	\$0.18	NA NA	\$107,100	100.00%	
Domicided in Domicided in Domicided in Def Second Seco	HT Bar, Inc.	38 APUs for Long-Haul Trucks		\$361,000	\$361,000	100%	\$13,692.29	\$315	\$3.50	\$586,701	\$345,800	95.79%	receiving a 5% discount
Index	Rigging Resources, Inc.	1 APU for a Long-Haul Truck		\$9,500	\$9,500	100%	\$17,685.87	\$407	\$4.52	\$757,822	\$9,500	100.00%	
NNK, Inc. TAPUs for Long-Haul Trucks In DFW \$33,000 \$33,000 \$33,000 \$34,080.8 \$554 \$5.15 \$1,031,840 \$83,000 \$100.00%	Southeastern Freight Lines	10 APUs for Long-Haul Trucks		\$120,000	\$84,000	70%	\$18,043.89	\$415	\$4.61	\$773,163	\$84,000	100.00%	
Vans Transportation 1 APU for a Long-Haul Truck in DFW \$10,664 \$10,464 98% \$31,168.84 \$717 \$7.96 \$1,335,554 \$10,464 100.00%	PNK, Inc.	7 APUs for Long-Haul Trucks	in DFW	\$83,000	\$83,000	100%	\$24,080.83	\$554	\$6.15	\$1,031,840	\$83,000	100.00%	
ines 5 APUs for Long-Haul Trucks in DFW \$60,000 \$42,000 70% \$36,087.77 \$831 \$9.22 \$1,546,325 \$42,000 100.00% intro-Lay North merica, Inc. Long-Haul Tractors and 30 Trailers DFW \$120,000 \$90,000 75% NA \$88 \$0.97 NA \$90,000 100.00% intro-Lay North merica, Inc. Projects Recommended for Partial Funding Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; Inc. Long-Haul Trucks and 150 Trailers; Inc	Evans Transportation	1 APU for a Long-Haul Truck	in DFW	\$10,664	\$10,464	98%	\$31,168.84	\$717	\$7.96	\$1,335,554	\$10,464	100.00%	
Long-Haul Tractors and 30 Trailers DFW \$120,000 \$90,000 75% NA \$88 \$0.97 NA \$90,000 100.00% Trailer side skirts and low rolling resistance tires for 15 Long-Haul resistance tires for 15 Long-Haul Trailers DFW \$146,821 \$146,821 100% NA \$134 \$1.48 NA \$146,821 100.00% In DFW \$146,821 \$146,821 100% NA \$134 \$1.48 NA \$146,821 100.00% In DFW \$146,821 \$146,821 100% NA \$137 \$1.52 NA \$78,750 100.00% In DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% In DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% In DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% In DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% In DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% In DFW \$35,000 \$26,250 75% NA \$205 \$2.28 NA \$26,250 100.00% In DFW \$48,160 \$48,160 100% NA \$40.00% In DFW \$48,160 \$40.00% \$40.00% \$40.00% In DFW \$40.00%	Lines		in DFW	\$60,000	\$42,000	70%	\$36,087.77	\$831	\$9.22	\$1,546,325	\$42,000	100.00%	
resistance tires for 15 Long-Haul Trucks Some Travel in DFW \$146,821 \$146,821 \$100% NA \$134 \$1.48 NA \$146,821 \$100.00% \$1	America, Inc.	Long-Haul Tractors and 30 Trailers		\$120,000	\$90,000	75%	NA	\$88	\$0.97	NA	\$90,000	100.00%	
Reducers for 30 Long-Haul Trailers DFW \$105,000 \$78,750 75% NA \$137 \$1.52 NA \$78,750 100.00% IT Bar, Inc. Long-Haul Trucks Long-Haul Trucks DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% IT Bar, Inc. Long-Haul Trucks Long-Haul Trucks DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% It Bar, Inc. Long-Haul Trucks DFW \$48,160 \$48,160 100% NA \$166 \$1.84 NA \$48,160 100.00% It Bar, Inc. Long-Haul Trucks DFW \$35,000 \$26,250 75% NA \$205 \$2.28 NA \$26,250 100.00% It Bar, Inc. Long-Haul Trucks DFW \$35,000 \$26,250 75% NA \$205 \$2.28 NA \$26,250 100.00% It Bar, Inc. Long-Haul Trucks DFW \$35,000 \$26,250 75% NA \$205 \$2.28 NA \$26,250 100.00% It Bar, Inc. Long-Haul Trucks DFW \$35,000 \$26,250 75% NA \$205 \$2.28 NA \$202,742 18.07% (9 tractors, 27 trailers) It Bar, Inc. Long-Haul Trucks DFW \$1,433,000 \$1,122,200 78% NA \$205 \$2.28 NA \$202,742 18.07% (9 tractors, 27 trailers) It Bar, Inc. Long-Haul Trucks DFW \$1,433,000 \$1,122,200 78% NA \$205 \$2.28 NA \$202,742 18.07% (9 tractors, 27 trailers) It Bar, Inc. Long-Haul Trucks DFW \$1,433,000 \$1,122,200 78% NA \$205 \$2.28 NA \$202,742 18.07% (9 tractors, 27 trailers) It Bar, Inc. Long-Haul Trucks DFW \$1,433,000 \$1,122,200 78% NA \$205 \$2.28 NA \$202,742 18.07% (9 tractors, 27 trailers) It Bar, Inc. Long-Haul Trucks DFW \$1,433,000 \$1,122,200 78% NA \$205 \$2.28 NA \$202,742 18.07% (9 tractors, 27 trailers) It Bar, Inc. Long-Haul Trucks DFW S48,160 S4	PNK, Inc.	resistance tires for 15 Long-Haul Trucks	in DFW	\$146,821	\$146,821	100%	NA	\$134	\$1.48	NA	\$146,821	100.00%	
T Bar, Inc. Long-Haul Trucks DFW \$48,160 \$48,160 \$100% NA \$166 \$1.84 NA \$48,160 \$100.00%	Frito-Lay North America, Inc.	Reducers for 30 Long-Haul Trailers	DFW	\$105,000	\$78,750	75%	NA	\$137	\$1.52	NA	\$78,750	100.00%	
Reducers for 10 Long-Haul Trailers	HT Bar, Inc.	Long-Haul Trucks	DFW	\$48,160	\$48,160	100%	NA	\$166	\$1.84	NA	\$48,160	100.00%	
Fartial funding is anticipated to result in upgrade of approximately 36 units Trailer Side Skirts on 150 Trailers ICTCOG Administrative Costs Some Travel in DFW \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,433,000 \$1,122,200 \$1,22,200 \$	America, Inc.	Reducers for 10 Long-Haul Trailers		\$35,000	\$26,250	75%	NA	\$205	\$2.28	NA	\$26,250	100.00%	
Southeastern Freight ines Coutheastern Freight in Low Rolling Resistance Tires for 50 Long-Haul Trucks and 150 Trailers; in DFW Coutheastern Freight in Low Rolling Resistance Tires for 50 In Low Rolling Re											D (11)		
CTCOG Administrative Costs \$59,752 \$37,130 62.14%	Southeastern Freight Lines	Long-Haul Trucks and 150 Trailers;		\$1,433,000	\$1,122,200	78%	NA	\$205	\$2.28	NA	\$202.742	18.07%	anticipated to result in upgrade of approximately 36 units
otal \$2,906,165 \$2,507,437 \$1,550,157				. ,,				,	,				
	Total			\$2,906,165					1				
.i A Awaru 31.330/.13/	EPA Award			\$2,000,100	\$2,001,401						\$1,550,157		

APU: Auxiliary Power Unit

NA: Not Available at this time; EPA has verified these technologies as resulting in some NOx reduction but has not published the amount.