

Clean Fleets North Texas 2019 Call For Projects Funding Recommendations

Projects Recommended for Funding																												
Applicant	Activity	Old Vehicle/Equipment Information						New Vehicle/Equipment Information (Model Year 2019 or Newer)			Maximum Allowed Funding Level	Recommended Grant Amount					NO _x Benefits		Scoring Criteria					Other Environmental Benefits				
		Type	Class/Equipment	Engine Year	Fuel Type	Annual Fuel Usage	Annual Mileage	Annual Usage Hours	Model Year	Fuel Type		Total Cost	Requested Grant Amount	EPA 2017 Funds	EPA 2018 Funds	Total Grant Award	Local Match	NO _x Tons Reduced Over 6 Years*	Cost Per Ton of NO _x Reduced	Cost per Ton Rank (Max 11 Points)	Cost Per Ton NO _x Tier (Max 64 Points)	Score: Cost Per Ton NO _x Reduced (Max 75 Points)	Score: Subrecipient Oversight (Max 25 Points)	Total Score	PM2.5 Reduced Over 6 Years*	HC Reduced Over 6 Years*	CO Reduced Over 6 Years*	CO ₂ Reduced Over 6 Years*
City of Dallas	5	Non-Road	Construction - Other	2000	Diesel	209		4424 2300	2019	B20	\$325,000	25%	\$81,250	\$ 81,250	\$0	\$81,250	\$243,750	22.47 11.37	\$3,616 \$7,144	11	64	75	12	87	6.47 2.11	1.11 0.51	8.03 3.43	0.00
City of Dallas	4	Non-Road	Construction - Other	2006	Diesel	1,061		3829 517	2019	B20	\$475,000	25%	\$118,750	\$ 118,750	\$0	\$118,750	\$356,250	1.23	\$96,592	10.5	64.50	74.55	12	86.67	3.35 0.13	0.37 0.03	8.64 0.64	0.00
City of Dallas	8	On-Road	Class 8 Refuse Hauler	2001	Diesel	3,216	14,230		2019	B20	\$218,074	25%	\$54,519	\$ 54,519	\$0	\$54,519	\$163,556	1.65	\$32,994	9.10	55	64.65	12	76.77	0.07	0.08	0.54	0.00
City of Dallas	9	On-Road	Class 8 Refuse Hauler	2002	Diesel	2,490	11,357		2019	B20	\$218,074	25%	\$54,519	\$ 54,519	\$0	\$54,519	\$163,556	1.32	\$41,339	8.9	55	63.64	12	75.76	0.06	0.06	0.43	0.00
City of Dallas	7	Non-Road	Construction - Crawler Tractors	2010	Diesel	10,069		1412	2019	B5	\$741,104	25%	\$185,276	\$ 185,276	\$0	\$185,276	\$555,828	4.12	\$45,020	7.8	55	62.63	12	74.75	0.49	0.13	2.50	0.00
City of Dallas	6	Non-Road	Construction - Crawler Tractors	2010	Diesel	15,665		1311	2019	B5	\$741,104	25%	\$185,276	\$ 185,276	\$0	\$185,276	\$555,828	3.82	\$48,522	6.7	55	61.62	12	73.74	0.44	0.12	2.29	0.00
City of Dallas	10	On-Road	Class 8 Refuse Hauler	2002	Diesel	2,333	9,757		2019	B20	\$218,074	25%	\$54,519	\$ 54,519	\$0	\$54,519	\$163,556	1.13	\$48,102	5.6	55	60.61	12	72.73	0.05	0.05	0.37	0.00
City of Dallas	1	On-Road	Class 8 Short Haul	2004	Diesel	388	10,379		2019	CNG	\$165,000	35%	\$57,750	\$ 57,750	\$0	\$57,750	\$107,250	0.39	\$149,457	4	50	54	12	66	0.04	0.04	0.01	-0.05
City of Dallas	11	On-Road	Class 8 Refuse Hauler	2005	Diesel	2,994	8,436		2019	B20	\$320,000	25%	\$80,000	\$ 55,367	\$24,634	\$80,000	\$240,000	0.45	\$176,600	3	40	43	12	55	0.04	0.03	0.13	0.00
City of Dallas	2	On-Road	Class 8 Short Haul	2006	Diesel	1,007	6,080		2019	CNG	\$165,000	35%	\$57,750	\$ -	\$57,750	\$57,750	\$107,250	0.23	\$255,305	2	30	32	12	44	0.02	0.03	0.01	-0.06
City of Benbrook	1	On-Road	Class 8 Ladder Truck	1999	Diesel	1463**	871		2019	ULSD	\$1,300,000	25%	\$325,000	\$ -	\$325,000	\$325,000	\$975,000	0.25	\$1,283,570	1	1	2	24	26	0.02	0.02	0.07	0.00
Total Projects											\$4,886,430			\$847,224	\$407,384	\$1,254,608	\$3,631,823	25.96	\$48,329					10.73	2.04	23.01	-0.11	

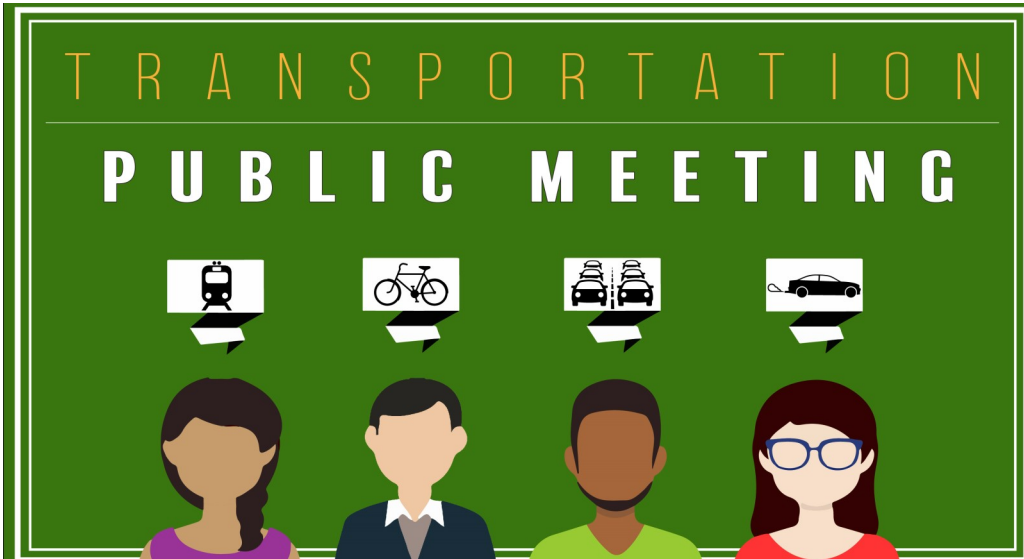
Funds Available for Call for Projects	\$847,224	\$1,110,350
Total Funds Recommended for Award	\$847,224	\$407,384
Balance Available for Future Project Solicitation	\$0	\$702,967

Ineligible Projects																													
City of Dallas	3	Non-Road	Construction - Other	2008	Diesel	71		456	2019	B20	\$206,000	25%	\$51,500	Annual Usage Hours Less than 500 Hours															

EPA = Environmental Protection Agency
 NO_x = Nitrogen Oxides; PM2.5 = Particulate Matter Less Than 2.5 Micrometers; HC = Hydrocarbons; CO = Carbon Monoxide; CO₂ = Carbon Dioxide
 B5 = 5% Biodiesel blend; B20 = 20% Biodiesel blend; ULSD = Ultra-Low Sulfur Diesel; CNG = Compressed Natural Gas

*Emissions Impacts Quantified Using EPA Diesel Emissions Quantifier (DEQ)
 **Default DEQ value used in place of unknown information.
 ***The Federal Highway Administration (FHWA) produced cost effectiveness tables for projects funded by Congestion Mitigation Air Quality funds. The values used in the tiers reference data related to the low, median, and high cost-effectiveness projects for nitrogen oxide emissions reduction. See https://www.fhwa.dot.gov/environment/air_quality/cmaq/reference/cost_effectiveness_tables/.

Point Scale for Cost per Ton Tier	Cost Effectiveness Tiers Based On Data Produced By FHWA***
64	Tier 1 < \$20,000
55	Tier 2 \$20,001 - \$90,999
50	Tier 3 \$91,000 - \$168,000
40	Tier 4 \$168,001 - \$248,999
30	Tier 5 \$249,000 - \$367,000
10 or less	Tier 6 > \$367,001



**MONDAY, NOV. 11,
2019, 6:00 PM**
North Central
Texas Council of
Governments
616 Six Flags Drive
Arlington, TX 76011

PRESENTATIONS

Hyperloop: Where Are We Building It?

Staff will provide a status report on hyperloop technology in the Dallas-Fort Worth region.

HOV Transportation Control Measures: Application of Managed Lanes & Substitution

As a result of changing transportation needs, NCTCOG staff is conducting a Transportation Control Measure substitution for High-Occupancy Vehicle projects. Traffic signal improvements, such as signal retiming, can enhance traffic flow and help decrease emissions. Staff has identified traffic signal corridors in the nonattainment region that will serve as substitution projects and will present the air quality results of the substitution.

Alternative Fuel Corridors

As part of the federal transportation bill, the United States Department of Transportation is required to identify highways that have adequate alternative fuel infrastructure. Staff will present an update on the current status of highway designations, as well as next steps with regard to alternative fuel station signage and development of additional infrastructure.

Trail of the Month Video Series

The NCTCOG Transportation Department is highlighting 12 shared-use trails within the Dallas-Fort Worth region through a series of videos detailing their benefits, including economic development, regional connectivity and improved quality of life. Staff will provide a brief update on this initiative as well as showcase a few videos from the series.

RESOURCES AND INFORMATION

Regional Smoking Vehicle Program (RSVP): www.smokingvehicle.net

Know Before You Fly Your Drone Workshops: www.nctcog.org/uas

The meeting will be live streamed at www.nctcog.org/video (click on the "live" tab). A video recording will also be posted online at www.nctcog.org/input.

For special accommodations due to a disability or for language translation, contact Carli Baylor at 817-608-2365 or cbaylor@nctcog.org at least 72 hours prior to the meeting. Reasonable accommodations will be made.

Para ajustes especiales por discapacidad o para interpretación de idiomas, llame al 817-608-2365 o por email: cbaylor@nctcog.org con 72 horas (mínimo) previas a la junta. Se harán las adaptaciones razonables.

To request a free roundtrip ride between NCTCOG and the Trinity Railway Express CentrePort/DFW Airport Station, contact Carli Baylor at least 72 hours prior to the meeting: 817-608-2365 or cbaylor@nctcog.org.

 **TRE** CentrePort/DFW Airport Station
Arrival Options November 11

Eastbound Train 5:19 pm

Westbound Train 5:31 pm



NCTCOGtrans



North Central Texas
Council of Governments