



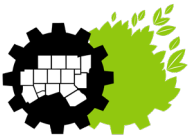
Solid Waste Grant Showcase

In Preparation for the 2026-2027 Call for Projects

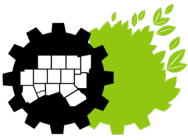


January 15, 2025
1:00 p.m. – 2:30 p.m.
NCTCOG Offices

Staff Contact:
Alexa Gilbert, E&D Planner
agilbert@nctcog.org | 817.608.2334



Showcase Project Panelists			
Category and Panelist	FY	Award	Purchases
Local Enforcement			Environmental Investigation Unit
City of Fort Worth	20-21	\$104,525.00	Cameras
Source Reduction and Recycling			Recycling Bin Installation at Grand Prairie ISD
City of Grand Prairie	18-19	\$49,205.00	
City of Denton	22-23	\$60,723.00	Commercial Food Waste Diversion
Household Hazardous Waste			Efficiency Improvement for Paint Remanufacturing
City of Frisco	22-23	\$16,353.74	Transportation
Litter and Illegal Clean Ups			Rowlett Cleanup Program: ATV and Trailer
NCTCOG presenting on behalf of the City of Rowlett	22-23	\$27,208.97	
Citizen Collection Stations & Transfer			N/A
N/A	22-23	N/A	
Local Solid Waste Management Plans			Multi-City Disaster Debris Management Plan: Bedford, Colleyville, Euless, Grapevine, and Hurst
City of Euless	20-21	\$125,000.00	
Technical Studies			Recycling and Waste Minimization Technical Study
City of Garland	20-21	\$70,000.00	
Education/Training			Reducing Recycling Contamination - Education Pilot
City of Plano	20-21	\$118,593.00	



Grant Results

City of Fort Worth - Environmental Investigation Unit Cameras

- \$104,525.00
- 262 illegal dump sites investigated
- 85% of those suspects were identified
- Approximately 48,970 lbs. removed

City of Grand Prairie - Recycling Bin Installation at Grand Prairie ISD

- \$49,205.00
- 279 x 36-gallon recycling bins
- 101.86 lbs of plastics, 19.36 lbs of aluminum collected
- Estimated 227,704 participants total

City of Denton - Commercial Food Waste Diversion

- \$60,723.00
- 74.8 lbs of post-consumer organic material collected and diverted

City of Frisco - "Efficiency Improvement for Paint Remanufacturing Transportation"

- \$16,353.74
- 196,906 total participants
- 185,111.87 lbs total collected

City of Rowlett - Rowlett Cleanup Program: ATV and Trailer

- \$27,208.97
- Estimated 12 staff participants over 512 separate city only clean-ups
- 24,376 lbs total collected over 20 sq. mi.

Citizen Collection Stations and "Small" Transfer Stations

- N/A

City of Euless - Multi-City DDMP

- \$125,000.00
- 3 counties
- 230,210 total population
- 3 workshops with 28 total participants

City of Garland - Recycling and Waste Minimization Technical Study

- \$70,000.00
- 242,042 population

City of Plano - Reducing Recycling Contamination - Education Pilot

- \$118,593.00
- 171 total education events
- 90,511 total participants



Example Applications Attached

Local Enforcement

City of Fort Worth, 20-21

Source Reduction and Recycling

City of Grand Prairie, 18-19

City of Denton, 22-23

Household Hazardous Waste

City of Frisco, 22-23

Litter and Illegal Clean Ups

NCTCOG presenting on behalf of the City of Rowlett, 22-23

Citizen Collection Station & Transfer

N/A

Local Solid Waste Management Plans

City of Euless – Regional Collaborative Project, 20-21

Technical Studies

City of Garland, 20-21

Education/Training

City of Plano, 20-21



City of Fort Worth – FY20-21 Grant Cycle

Information:

Current Solid Waste Service Provider:

Residential – WM, Commercial – Open Market

Department/Division:

Code Compliance/Solid Waste Services

Current Recycling Service Provider:

Residential Recycling = Republic, Electronics = Goodwill, HHW –

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

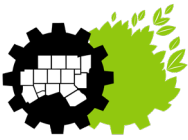
Environmental Investigation Unit Camera Grant 2020

Project Abstract:

EIU Project Abstract The City of Fort Worth spends approximately \$2,000,000.00 a year abating illegal dumping and litter violations. Chronic illegal dump sites exist within the City of Fort Worth and new dump areas continue to develop throughout. The City of Fort Worth is approximately 350 square miles with a current population of 895,008, and growing daily. In the 2019 fiscal year, approximately 5,991 illegal dumps were abated by Fort Worth Solid Waste Services, weighing collectively over 2998 tons. This equates to almost 6 million tons of trash dumped in one year. To date the Fort Worth Environmental Investigation Unit (EIU), the Code Officers charged with reducing illegal dumping, has turned in 30 Felony cases for prosecution along with issuing 258 Misdemeanor Class citations issued. A Felony dumping violation in the State of Texas is over 1000 pounds for non-commercial, and at least 200 pounds for commercial. A Class C Misdemeanor is any trash under 5 pounds. EIU currently uses PTZ (Point, Tilt, Zoom) cameras along with game/field cameras to catch illegal dumpers. The PTZ cameras run a live feed recording system which is capable of monitoring a 360 degree field of view. This technology allows officers to zoom in on illegal dumping in the act while recording all feeds on a five day loop. Illegal dumping violations are used in the prosecution phase of our cases. In addition to PTZ cameras, staff also utilize LPR (License Plate Reader) cameras to capture suspects' vehicle.

Which TCEQ funding category does this program fall under?

Local Enforcement



Which goal area does this program fall under?

Support and Encourage Innovative Technologies for Other Waste

Budget Section:

Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Equipment	\$104,525	\$0	\$104,525
TOTAL	\$104,525	\$0	\$104,525
Applicant's In-Kind	\$0	-	-
Applicant's Match	\$0	-	-

1. Equipment:

Description	Purpose	Quantity	Unit Cost	Equipment Request
PTZ Camera	All-purpose 360-degree live feed camera	20	3,500	\$70,000
LPR (License Plate Reader)	Reading license plates	40	700	\$28,000
Stealthcam camera	Assist in identifying illegal dumping suspects	15	235	\$3,525
Two 65-inch television monitors	To view live footage from PTZ cameras	2	1500	\$3,000

Supplemental documentation for the budget and proposed project:

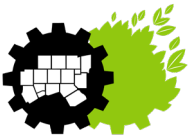
Applicant's In-Kind:

Narrative: The city of Fort Worth has a vest interest in our camera program. Currently there are four code officers assigned to the EIU team along with one Senior officer and a supervisor. The city of Fort Worth also agrees to servicing and paying monthly data fees where applicable. These cameras are monitored from approximately 4AM until 3AM seven days a week.

Applicant's Match:

Narrative: If more money becomes available, would you be able to expand your proposed project?

Yes



**FY 26/27 Solid Waste Grant Showcase
Grant Information Packet**

Completed Timeline Section:

Grant Timeline: Texas Product Stewardship – Fort Worth, “Environmental Investigation Unit Camera Grant 2020”

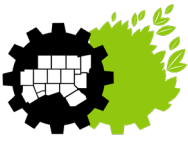
Activity	Start Date	Completion Date	Additional Information
Procurement: Use city approved vendors or city Bidding process for purchase of Cameras	April 1 st , 2020	July 1 st , 2020	Procurement Includes: <ul style="list-style-type: none"> - RFP for bidding - Compare bidding - Vendor Selection - Issuance of P.O.'s - Purchase of Cameras
Order Placement	July 1 st , 2020	July 15 th , 2020	Order cameras, camera hardware and camera equipment from vendors.
Delivery of Cameras	August 15 th , 2020	November 15 th , 2020	All cameras, camera hardware and camera equipment are expected to be delivered by November 15 th , 2020.
Submission of final reimbursement to NCTCOG	-	January 31 st , 2021	Cameras, camera hardware and camera equipment will be paid for, delivered and financial documentation will be submitted to NCTCOG for final reimbursement no later than January 31 st , 2021

Private Sector Notification (not applicable for this project type):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- a. Source Reduction and Recycling
- b. Citizens' Collection Stations and "Small" Registered Transfer Stations
- c. A demonstration project under the Education and Training project category



City of Grand Prairie - FY18-19 Grant Cycle

Information:

Current Solid Waste Service Provider:

Republic Waste Services

Department/Division:

Solid Waste and Recycling Division

Current Recycling Service Provider:

Republic Waste Services

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

Plastic Ocean Community Awareness and Common Area Recycling Bin Installation at Grand Prairie ISD

Project Abstract:

City of Grand Prairie Solid Waste and Recycling Division is seeking to provide the Grand Prairie ISD with 265 common area plastics, paper, and metals recycling bins for an estimated cost of \$49,025. By increasing available recycling infrastructure, we expected to increase recycling rates throughout the district and divert additional materials from the Grand Prairie landfill. Educational efforts include community outreach through the documentary film, A Plastic Ocean and a service-learning project with South Grand Prairie High School JROTC.

Which TCEQ funding category does this program fall under?

Source Reduction and Recycling

Which goal area does this program fall under?

Support Materials Management Education and Training



Budget Section:

Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Equipment (unit cost of \$5,000 or more)	\$0	\$49,025	\$49,025
TOTAL	\$0	\$49,025	\$49,025
Applicant's In-Kind	\$0	-	-
Applicant's Match	\$0	-	-

2. Equipment:

Description	Purpose	Quantity	Unit Cost	Equipment Request
36-gallon GeoCube Recycling Container made of recycled steel	To be used in common areas of GPISD schools to collect plastic, paper, and metal recycling	265	185	\$49,025

Supplemental documentation for the budget and proposed project:

Applicant's In-Kind: 0

Narrative: N/A

Applicant's Match: 0

Narrative: N/A

Completed Timeline Section:

Timeline

1. Task: Grant application preparation

Deliverable: Grant Application

- a. Prepare grant application: February 2018
- b. Prepare Council Communication for Resolution: February 2018
- c. Attend Council Meeting at which Resolution will be voted: March 6, 2018
- d. Turn in all materials associated with application: March 9, 2018

2. Quarterly Status Report

Deliverable: Status Report on file at NCTCOG before deadline

- a. Prepare and submit quarterly status report: September 2018



3. Task: Bid specifications

Deliverable: Complete Bid Specifications to Purchasing Department

- a. Go out for bid for recycling bins: November 2018
- b. Bid closing: December 2018

4. Quarterly Status Report

Deliverable: Status Report on file at NCTCOG before deadline

- a. Prepare and submit quarterly status report: December 2018

5. Task: City Council Approval

Deliverable: Council Action Posted December 12, 2018

- a. Submit Council Communication by 11/30/2018
- b. Attend Council meeting for approval of purchase: 12/11/2018

6. Task: Complete Purchase

Deliverable: Purchase Order

- a. Issue P.O.: 12/14/2018

7. Task: Equipment Delivery

Deliverable: Verifiable receipt of equipment at Grand Prairie facility and inspection by COG Planning Staff

- a. Take delivery of equipment, approximately: 1/25/2019
- b. Arrange for a site visit from COG Staff for Verification

8. Task: Invoicing

Deliverable: Paid Invoice on file at City of Grand Prairie

- a. Pay invoice: 1/25/2019

9. Task: Reimbursement Request

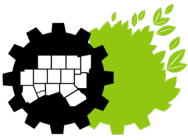
Deliverable: Reimbursement Request on file at NCTCOG

- a. Submit Reimbursement Request to COG: 2/15/2019

10. Quarterly Status Report

Deliverable: Status Report on file at NCTCOG before deadline

- a. Prepare and submit quarterly status report: March 2019



11. Task: All expenditures and activities completed: March 31, 2019

Deliverable: E-mail from COG staff member stating that all expenditures and activities have been completed. Deadline = March 31, 2019

12. Final Results Report, Final Reimbursement Request and Release of All Claims due on April 30, 2019 no later than 5 p.m. Central Time to NCTCOG offices

Deliverable: All appropriate forms to COG by 5 p.m. Central Time on April 30, 2019

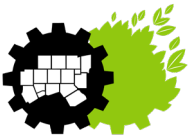
Private Sector Notification (applicable):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- a. Source Reduction and Recycling
- b. Citizens' Collection Stations and "Small" Registered Transfer Stations
- c. A demonstration project under the Education and Training project category

Private Sector Notification materials available upon request.



City of Denton – FY22-23 Grant Cycle

Information:

Current Solid Waste Service Provider:

City of Denton

Department/Division:

Solid Waste & Recycling/Commercial

Current Recycling Service Provider:

City of Denton

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

Commercial Food Waste Diversion – Pilot Program

Project Abstract:

Approximately 35% of the targeted commercial waste is food waste (pre- and post-consumer.) As part of its dynamic waste management program, the City of Denton services trash/recycling in its historic downtown area with a valet service. This service is a microcosm into the commercial and mixed-use land uses across the City. This grant would fund a pilot program for food waste diversion to enhance the valet collection program, promote organics reuse, and increase the landfill diversion rate.

Which TCEQ funding category does this program fall under?

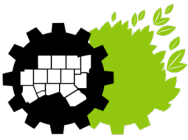
Source Reduction and Recycling

Which goal area does this program fall under?

Promote Creation and Expansion of Waste Management Programs

Budget Section:

Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Equipment (unit cost of \$5,000 or more)	\$32,500	\$0	\$32,500
2. Construction	\$15,000	\$0	\$15,000
3. Other Expenses	\$20,223	\$0	\$20,223
TOTAL	\$67,723	\$0	\$67,723



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Grant Information Packet**

Applicant's In-Kind	-	-	-
Applicant's Match	-	-	-

3. Equipment (Unit Price of \$5,000 or more):

Item/Description	Purpose	Quantity	Unit Cost	Total Amount Requested
Channel Grinder	To chop food waste prior to introduction into anaerobic digester	1	\$32,500	\$32,500
Total Equipment Budget	---	---	---	\$32,500

4. Construction:

Description	Purpose	Quantity	Unit Cost	Total Amount Requested
Equipment installation and plumbing	---	1	\$15,000	\$15,000
Total Construction Budget	---	---	---	\$15,000

5. Other Expenses:

Description	Purpose	Quantity	Unit Cost	Total Amount Requested
Food waste cart	Collect food waste	112	\$48.57	\$5,439.84
Gravity Lock	Cart Lock	112	\$7.00	\$784.00
Freight	Delivery	1	\$2,000	\$2,000
Food waste kitchen bin	Collect food waste	100	\$20.00	\$2,000.00
Educational Material	Education poster	---	---	\$10,000.00
Total "Other" Budget	---	---	---	\$20,223.84

Supplemental documentation for the budget and proposed project:

Applicant's Match:

Narrative: If more money becomes available, would you be able to expand your proposed project?

Yes



If the proposed project is unable to be fully funded, would you be able to accept partial funding?

Yes

Please briefly describe the top funding priorities if you can accept partial funding.

Purchase of channel grinder, installation, and public education and outreach

Completed Timeline Section:

Activity	Responsible Party	Estimated Start Date	Estimated Completion Date	Additional Information
Assumed Grant Award	NCTCOG	August 2021	N/A	---
Issue survey to valet customers to see interest	City of Denton (COD)	10/01/2021	10/15/2021	
Draft and delivery letter to participating businesses	COD	10/18/2021	10/20/2021	
Purchase kitchen bins	COD	10/18/2021	11/01/2021	
Purchase carts with locking lids	COD	10/18/2021	11/15/2021	
Provide a program overview with participating businesses	COD	11/01/2021	11/12/2021	
Delivery kitchen bin and cart	COD	11/15/2021	12/03/2021	
Begin the Pilot Program	COD	12/03/2021		Completion 60 days after program begins
Will review and measure programs success	COD	March 2021		

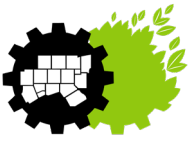
Private Sector Notification (applicable):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- a. Source Reduction and Recycling
- b. Citizens' Collection Stations and "Small" Registered Transfer Stations
- c. A demonstration project under the Education and Training project category

Private Sector Notification materials available upon request.



City of Frisco – FY22-23 Grant Cycle

Information:

Current Solid Waste Service Provider:

Franchised with Waste Connections

Department/Division:

Environmental Services

Current Recycling Service Provider:

Franchised with Waste Connections

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

Efficiency Improvement for Paint Remanufacturing Transportation

Project Abstract:

Improving efficiency in method of transportation for remanufacturing paint from residential household chemical drop-off. Remanufacturing is a method of reuse/ recycling that does not require incineration and the creates a consumer product (paint). Currently, a 16-foot trailer transports 4 crates around 1.5 tons each trip, whereas a gooseneck trailer could fit up to 10 crates and up to 3.5 tons per trips, decreasing trip-miles by 59% , circumventing 150 metric tons of carbon dioxide from the atmosphere.

Which TCEQ funding category does this program fall under?

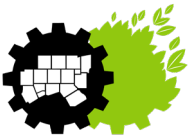
Source Reduction and Recycling

Household Hazardous Waste

Which goal area does this program fall under?

Support and Encourage Innovative Technology for Other Waste

Promote Public and Private Sector Relationships



Budget Section:

Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Equipment (unit cost of \$5,000 or more)	\$16,354.04	\$0	\$16,354.04
TOTAL	\$16,354.04	\$0	\$16,354.04
Applicant's In-Kind	-	-	-
Applicant's Match	\$217.44	-	-

6. Equipment (Unit Price of \$5,000 or more):

Item/Description	Purpose	Quantity	Unit Cost	Total Amount Requested
Trailer – gooseneck	Efficiently transport paint to remanufacturing	1	\$14,262	\$14,262
Total Equipment Budget	---	---	---	\$14,262

7. Other Expenses:

Description	Purpose	Quantity	Unit Cost	Total Amount Requested
Crates	Increased capacity for transporting efficiently	5	\$375	\$1,875.00
Heavy Duty Tarp	Ensure compliance with covered loads to reduce litter.	1	\$561	\$561.00
Total "Other" Budget	---	---	---	\$2,436.00

Supplemental documentation for the budget and proposed project:

Applicant's Match: \$217.44

Narrative: If more money becomes available, would you be able to expand your proposed project?

No

If the proposed project is unable to be fully funded, would you be able to accept partial funding?

Yes



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Please briefly describe the top funding priorities if you can accept partial funding.

The trailer is the main cost-prohibitive item, we could fund the crates for reaching the anticipated expanded capacity in the following budget year, if needed.

Completed Timeline Section:

Timeline:

Activity	Responsible Party	Estimated Start Date	Estimated Completion Date	Additional Information
Resolution supporting submission of grant	X	February 4	February 15	
Apply to grant	X	February 16	March 2	
Execution of interlocal agreement	X	September	September	
Placing order for Trailer	X	September	1 business week	
Making trailer	X	September	Up to 10 weeks (December)	Custom automatic tarp install.
Purchasing transportation materials	X	November	December	
Staff training on new trailer	X	January	January	
Implement program	X	January/Feb.	Continual	
Track progress and reporting	X	Current	Continual	

Private Sector Notification (applicable):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- a. Source Reduction and Recycling
- b. Citizens' Collection Stations and "Small" Registered Transfer Stations
- c. A demonstration project under the Education and Training project category

Private Sector Notification materials available upon request.



City of Rowlett – FY22-23 Grant Cycle

Information:

Current Solid Waste Service Provider:

City of Rowlett Public Works

Department/Division:

City Manager

Current Recycling Service Provider:

City of Rowlett Public Works

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

Rowlett Cleanup Program

Project Abstract:

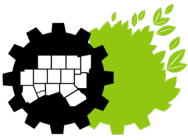
The Rowlett Cleanup Program eliminates illegal dumping and litter from areas that are diminishing public health and environmental quality. The proposed project will fund the purchase of an ATV and trailer that will be used to carry out the program. The program is a public and private sector partnership. It is carried out by a team of personnel from the City of Rowlett Public Work's Department, Police and Fire Departments, and non-governmental partner organizations such as Keep Rowlett Beautiful. Non-governmental organizations working alongside the Police and Fire Department identify sites, the Police Department and Fire Departments secure the sites for clean-up, and the Public Work's Department carries out the clean-up activities.

Which TCEQ funding category does this program fall under?

Litter and Illegal Dumping Programs

Which goal area does this program fall under?

Promote Public and Private Sector Relationships



Budget Section:

Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Equipment (unit cost of \$5,000 or more)	\$27,208.97	\$0	\$27,208.97
All-Terrain Vehicle: 2021 Can Am Defender Max HD10 XT, W/Side Mirror, Center Mirror Kit Maverick, Flip Glas Windshield Assembly	\$23,240.97		\$23,240.97
Trailer: 7k Tand Utility (7 x 16') 4'RG. SPMT, BK	\$3,968.00		\$3,968.00
TOTAL	\$27,208.97	\$0	\$27,208.97
Applicant's In-Kind	-	-	-
Applicant's Match	-	-	-

1. Equipment (Unit Price of \$5,000 or more):

Item/Description	Purpose	Quantity	Unit Cost	Total Amount Requested
All-Terrain Vehicle	---	1	\$23,240.97	\$23,240.97
Trailer	---	1	\$3,968.00	\$3,968.00
Total Equipment Budget	---	---	---	\$27,208.97

Supplemental documentation for the budget and proposed project:

Applicant's Match: \$0

Narrative: If more money becomes available, would you be able to expand your proposed project?

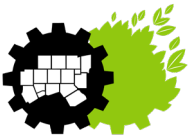
Yes

If the proposed project is unable to be fully funded, would you be able to accept partial funding?

Yes

Please briefly describe the top funding priorities if you can accept partial funding.

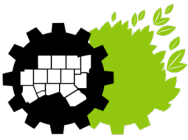
The top funding priority is the small all-terrain vehicle because the City does not own this type of vehicle needed to address litter and dumping in identified areas.



Completed Timeline Section:

Timeline:

Activity	Estimated Start Date	Estimated Completion Date	Additional Information
<p>Order All-Terrain Vehicle (ATV)</p> <p>Bid Solicitation: Informal Bid solicitations will be obtained in compliance with all applicable state and local laws sent in compliance with all applicable state and local laws and regulations for procurement of goods and services</p>	November 2021	January 2022	Procurement process will be followed in accordance with Rowlett Purchasing Policy for purchases between \$3,000 to \$49,999.99: "Informal" or "Non-Council" Quotes/Bid requirements including HUBS
<p>Order Trailer</p> <p>Bid Solicitation: Informal Bid solicitations will be obtained in compliance with all applicable state and local laws sent in compliance with all applicable state and local laws and regulations for procurement of goods and services.</p> <p>Once a vendor is selected, permission to proceed will be given, once the work is completed it will be reviewed, and if the work is sufficient the payment will be issued in accordance with applicable rules and regulations.</p> <p>Deliverables: Delivery of Trailer, payment of vendor</p>	November 2021	January 2022	Procurement process will be followed in accordance with Rowlett Purchasing Policy for purchases between \$3,000 to \$49,999.99: "Informal" or "Non-Council" Quotes/Bid requirements including HUBS
<p>Police and Fire Department Training of volunteers from Non-Governmental Organizations on how to identify areas for clean up</p>	January 2022	January 2022	This will include ride along with volunteers and Police/Fire personnel with instruction on how to identify litter and dumping sites
<p>Identification of Project Sites and Development of Litter and Dumping Removal Work Plan</p>	January 2022	June 2022	
<p>Clean Ups 4/22-6/22</p>	July 2022	March 2023	secure identified sites, perform cleanup; the cleanup activities will include



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Grant Information Packet

			Waste removal, disposal or recycling of removed materials, lake and waterway cleanup (if applicable), fencing and barriers (when appropriate), and signage (See attached for signage example); placement of trash collection receptacles in public areas
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Private Sector Notification (not applicable for this project type):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- a. Source Reduction and Recycling
- b. Citizens' Collection Stations and "Small" Registered Transfer Stations
- c. A demonstration project under the Education and Training project category



City of Euless – FY20-21 Grant Cycle

Regional Collaborative Project

Partners: Bedford, Colleyville, Euless, Grapevine, and Hurst

Information:

Current Solid Waste Service Provider:

Republic Waste Services

Department/Division:

Police Department/Emergency Management

Current Recycling Service Provider:

CWD

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

Multi-City Disaster Debris Preparedness Program

Project Abstract:

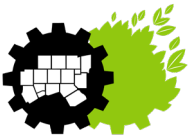
The cities of Bedford, Colleyville, Euless, Grapevine, and Hurst understand that we are susceptible to natural, man-made, and technological hazards that may cause a debris-generating incident in our community. These Northeast Tarrant County cities are seeking funding to develop a Multi-City Disaster Debris Preparedness Program that facilitates quick response and recovery activities, quick return of our community back to normal conditions, reduces the impacts to humans and the environment, ensures effective use of resources, helps minimize costs, and aids in complying with local, state and, federal regulations. This program will define roles, responsibilities, identify debris removal and monitoring resources, develop public information strategies, and identify capability gaps for improvement.

Which TCEQ funding category does this program fall under?

Local Solid Waste Management Plans

Which goal area does this program fall under?

Promote Creation and Expansion of Materials Management Programs



Budget Section:

Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Contractual (other than for Construction)	\$25,000	\$100,000	\$125,000
TOTAL	\$25,000	\$100,000	\$125,000
Applicant's In-Kind	\$0	-	-
Applicant's Match	\$0	-	-

8. Contractual:

Contractor	Purpose	Contractual Request
Consultant	Program & Plan Development	25,000
Consultant	Program & Plan Development	100,000

Supplemental documentation for the budget and proposed project:

Applicant's In-Kind: 0

Narrative: Program and executive staff from each participating city will provide significant amounts of in-kind support through technical guidance, attendance at planning and workshop meetings, and participation in tabletop exercises.

Applicant's Match: 0

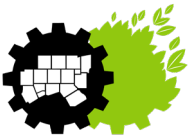
Narrative: If more money becomes available, would you be able to expand your proposed project?

Yes

Completed Timeline Section:

Template Grant Timeline: Euless, "Multi-City Disaster Debris Preparedness Program"

Activity	Start Date	Completion Date	Additional Information
Interlocal Agreement with NCTCOG	4/2020	4/2020	Signed by Authorized Official
Consultant Selection	5/2020	7/2020	Selection of Consultant with Executed Contract
Project Initiation	8/2020	8/2020	Project Planning Meeting, Work Plan Development & Project Kickoff Meeting
Debris Management Site Analysis	9/2020	9/2020	Site Analysis, Site Report



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Develop Draft Multi-Hazard Disaster Debris Management Plan	10/2020	11/2020	On-site working group meetings, Develop draft plan, Plan review Meeting
Debris Management Tabletop Exercise	12/2020	12/2020	Conduct initial and final Planning Meetings, Conduct Tabletop Exercise
After Action Report and Improvement Plan	01/2021	02/2021	Produce draft and final After-Action Report, Conduct After Action Meeting

Private Sector Notification (not applicable for this project type):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- a. Source Reduction and Recycling
- b. Citizens' Collection Stations and "Small" Registered Transfer Stations
- c. A demonstration project under the Education and Training project category



City of Garland – FY20-21 Grant Cycle

Information:

Current Solid Waste Service Provider:

City of Garland

Department/Division:

Environmental Waste Services

Current Recycling Service Provider:

City of Garland Staff collect single-stream recycling which is currently processed by FCC

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

City of Garland Recycling and Waste Minimization Technical Study

Project Abstract:

As the 12th largest city in the State of Texas, located in one of the fastest growing regions in the country, Garland is home to nearly 245,000 residents and the DFW Metroplex is home to over 7,500,000 people. By 2050, the number of residents in the DFW Metroplex is projected to almost double, significantly increasing waste collection and disposal needs. While this population boom will yield economic benefit there is concern about the impact on the City owned and operated C.M. Hinton Jr. Regional Landfill. Subject matter expertise is needed to establish recycling benchmarks and strategies. The technical study will focus on approaches which maximize recycling, reduce recycling contamination, minimize waste, improve operational efficiency, and associated actions to ensure the financial viability of the recycling program as MRF processing fees continue to rise. Data from the NCTCOG regional recycling survey and campaign will be utilized to determine specific areas of improvement and conduct targeted recycling outreach. Findings and best practices will be shared with NCTCOG RCC to further benefit regional recycling efforts.

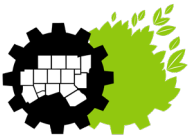
Which TCEQ funding category does this program fall under?

Technical Studies

Which goal area does this program fall under?

Support Materials Management Education and Training

Promote Creation and Expansion of Materials Management Programs



Measure Regional Waste Reduction Efforts

Promote Public and Private Sector Partnerships

Budget Section:

Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Contractual (other than for Construction)	\$70,000	\$0	\$70,000
TOTAL	\$70,000	\$0	\$70,000
Applicant's In-Kind	\$36,800	-	-
Applicant's Match	\$0	-	-

9. Contractual:

Contractor	Purpose	Contractual Request
Contractor to be selected through RFP process	Establish recycling goals, waste reduction and optimization strategies	70,000

Supplemental documentation for the budget and proposed project:

Applicant's In-Kind: \$36,800

Narrative: The value of staff and City leadership's time to work with the selected consultant to create and execute the technical study. Breakdown of in-kind contribution: 1FTE at \$30 per hour: - 1 week to process grant paperwork and submit needed items to NCTCOG = \$1,600 - 8 weeks to work with contractor and develop action items = \$12,800 - 14 weeks to execute action items = \$22,400 Total value of City staff contribution: \$36,800

Applicant's Match:

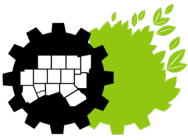
Narrative: If more money becomes available, would you be able to expand your proposed project?

Yes

Completed Timeline Section:

Grant Timeline: City of Garland, "Recycling and Waste Minimization Technical Study"

Activity	Start Date	Completion Date	Additional Information
Meet with NCTCOG Staff on Grant Concept	10/20/2019	10/20/2019	Assigned to Environmental Sustainability Mgr.
Review Similar Grant, Previously Funded for Another City	10/21/2019	10/29/2019	Assigned to Environmental Sustainability Mgr.
Complete Draft of Grant Application, Summary Slide	11/1/2019	11/12/2019	Assigned to Environmental Sustainability Mgr.



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Grant Information Packet**

Meet with Garland EWS Director, Review Proposal	11/13/2019	11/15/2019	Assigned to Environmental Sustainability Mgr.
Propose Grant to Council	11/16/2019	1/10/2020	Assigned to Director
Submit Council Approval of Grant Request to NCTCOG	12/11/2019	2/5/2020	Assigned to Environmental Sustainability Mgr.
Present Grant to NCTCOG Grant Subcommittee	1/21/2020	1/22/2020	Assigned to Environmental Sustainability Mgr.
If Grant Selected, Work with City Attorney to Sign Agreement	04/01/2020	04/01/2020	Assigned to Environmental Sustainability Mgr.
Work with Purchasing Dept. to Create RFP	04/01/2020	05/01/2020	Assigned to Environmental Sustainability Mgr.
Review RFPs, Select Contractor	05/01/2020	05/10/2020	Assigned to Environmental Sustainability Mgr.
Work with Contractor to Interview Key Stakeholders	05/15/2020	06/15/2020	Assigned to Environmental Sustainability Mgr.
Submit Quarterly Progress Reports to NCTCOG	08/01/2020	08/31/2020	Assigned to Environmental Sustainability Mgr.
Form a Core Group, Identify and Vet Strategies for More Eval.	06/15/2020	08/15/2020	Assigned to Environmental Sustainability Mgr.
Conduct Risk-Benefit Assessment of Action Items	08/15/2020	09/15/2020	Assigned to Environmental Sustainability Mgr.
Identify Highest Ranked Options, Make Project Plan	09/15/2020	11/1/2020	Assigned to Environmental Sustainability Mgr.
Ensure Contractor is Paid, Submit Reimbursement Info. to NCTCOG	11/1/2020	12/1/2020	Assigned to Environmental Sustainability Mgr.
Develop Presentation Deck, Share Findings with NCTCOG RCC	12/2/2020	12/31/2020	Assigned to Environmental Sustainability Mgr.
Submit TCEQ Results Report	08/01/2021	08/31/2021	Assigned to Environmental Sustainability Mgr.
Submit 'Year Later Report'	08/01/2022	08/31/2022	Assigned to Environmental Sustainability Mgr.

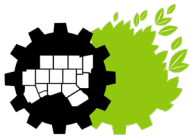
*Please note this grant timeline is subject to minor changes based on the needs of the RFP process and the City's legal team. The City of Garland is committed to ensuring NCTCOG RCC's deadlines are met.

Private Sector Notification (not applicable for this project type):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- a. Source Reduction and Recycling
- b. Citizens' Collection Stations and "Small" Registered Transfer Stations
- c. A demonstration project under the Education and Training project category



City of Plano – FY20-21 Grant Cycle

Information:

Current Solid Waste Service Provider:

City of Plano

Department/Division:

Environmental Health & Sustainability & Environmental Education

Current Recycling Service Provider:

City of Plano – Residential Collections / Republic Services - Processing

Eligible Entities:

City

Grant Title & Narrative:

Project Title:

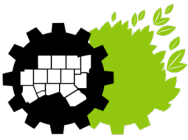
Reducing Recycling Contamination – “Education-at-the-Cart” Pilot Study supported by Mobile Recycling Education Vehicle

Project Abstract:

The City of Plano (COP) is striving to improve its recycling education outreach efforts to reduce contamination in its recycling stream. Currently COP uses standard tools such as website, social media, direct mail and electronic newsletters, utility bill inserts, tabling events and in-person presentations to educate residents. COP is seeking funds for 3 pilot programs focused on education-at-the cart in combination with a mobile recycling education van (MREV). Three distinct pilots will test and compare effectiveness of three specific educational tools and will guide the COP in making decisions about future expenditures for recycling education based on measurable results. The pilots include: 1) stickers adhered to carts detailing acceptable and non-acceptable items for recycling in Plano; 2) brightly colored cart lids with non-acceptable items in Plano identified; 3) Peek & Check education-at-the-cart method in which staff take a quick observation look in cart for contaminants and leave behind a two-sided “Thank you for Recycling” tag. One side of the tag will provide educational information on recycling right, and the second side will provide tips for the homeowner. Multiple versions of the thank you tag will be produced, as the second side will provide a customized message directed at the contaminant observed in the cart. The MREV will be used as a portable classroom to expand educational outreach efforts around contamination reduction and recycling participation.

Which TCEQ funding category does this program fall under?

Educational and Training Projects



Which goal area does this program fall under?

Support Materials Management Education and Training

Measure Regional Waste Reduction Efforts

Budget Section:

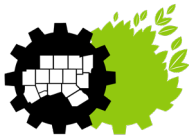
Budget Categories	Current FY Request	Next FY Request	Funding Request
1. Equipment	\$51,000	\$0	\$51,000
2. Contractual (other than for Construction)	\$124,637	\$0	\$124,637
3. Detailed Other Expenses Budget	\$11,419	\$12,940	\$24,359
TOTAL	\$187,056	\$12,940	\$199,996
Applicant's In-Kind	\$44,400	-	-
Applicant's Match	\$7,836	-	-

10. Equipment:

Description	Purpose	Quantity	Unit Cost	Equipment Request
Van (Ford Transit or Similar)	Mobile Recycling Education Vehicle (MREV) and Extended Vehicle Warranty	1	\$44,000	\$44,000
Replacement Cart Lids	Brightly colored replacement cart lids to clearly identify and distinguish recycle carts from trash carts. Lids include message about what should not be placed in cart.	500	\$14	\$7,000

11. Contractual:

Description	Purpose	Contractual Request
Van Conversion	Modify Standard cargo van to incorporate additional resources	\$24,049
IceFactor	Research, planning, staff training, materials production, implementation, reporting	\$0.00



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Grant Information Packet**

IceFactor	Peek & Check Pilot-baseline, follow-up audits, cart tagging	\$74,088
IceFactor	Photo Mapping of carts – identifying contamination issues	\$3,400
IceFactor	Sticker Pilot – adhere labels, baseline & follow up audits	\$9,000
IceFactor	Door hanger production & distribution – 8,200 homes in pilot areas	\$4,100

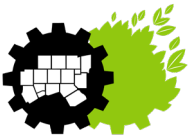
12. Detailed Other Expenses Budget:

Other Expenses	Description	Purpose	Quantity	Unit Cost	Other Request
Printing/Reproduction	Cart tag printing	Education at the cart	22,000	0.44	\$9,680
Signage	Vehicle Wrap	Add visual enhancements to the MREV	1	\$5,540	\$5,540
Training Misc. Other	50" Vizio M-Series HD TV	Display educational videos from side of MREV	1	800	\$800
Printing/Reproduction	Sticker Printing	Education at the cart	530	\$2.50	\$1,325.00
Postage/Delivery	Sticker Printing	Delivery of stickers for carts	1	\$250	\$250
Misc. Other	Rocket Router Hot Spot	Mobile Wi-Fi for TV and iPads	1	\$1,200	\$1,200
Misc. Other	Cummins Onan 7KW Gasoline Generator	Power remote devices for the MREV	1	\$5,400	\$5,400
Postage/Delivery	Door Hanger Shipping	Delivery for door hangers for distribution	1	\$164	\$164

Supplemental documentation for the budget and proposed project:

Applicant's In-Kind: \$44,400

Narrative: \$3600 - Overtime for Environmental Waste Services staff hours for cart lid replacement. 24 hrs x 4 staff x 37.50/hr \$400 - social media boosting for advertising for locations & events MREV will visit.



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\$1200- Staff time for MREV at events. (12 events over 6 mos; 4 hrs each = 48 hrs @ \$25/hr. \$2000 - Create/produce video for MREV -COP TV staff. 40 hrs/\$50hr \$1000 - Staff time designing pull-up exhibits 20 hrs/\$50hr \$29,250 - Staff time overseeing grant (15hrs/week/78 weeks x \$25/h \$800 – Admin

Applicant’s Match: \$7,836

Narrative: \$1400 - Design and production of pull-up recycling exhibits. (4 x \$350) \$200 - Storage bins for Waste Sorting Workshops and other games and propose to be used at events with the MREV. \$140 - Tables for MREV (\$70 x 2) \$ 96 - Chairs for MREV. (pack of 4) \$6000 - Utility bill inserts for recycling messages

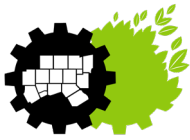
If more money becomes available, would you be able to expand your proposed project?

Yes

Completed Timeline Section:

Grant Implementation Timeline: City of Plano

Activity	Start Date	Completion Date	Additional Information
1. Execute Interlocal agreement between City of Plano and North Central Texas Council of Governments (NCTCOG)	March 2020	April 2020	Sign agreement with NCTCOG Responsible party: SEED Manager and EH&S Dept. Director
2. Submit Quarter 1 Report to NCTCOG	March 2020		Responsible party: Recycling Coordinator & Administrative Assistant
3. Hire Ice Factor to plan and implement the three pilot programs	April 2020	June 2020	Work through City of Plano purchasing and contract development processes. Responsible party: SEED Supervisor and Recycling Coordinator
4. Order 500 recycle cart lids	April 2020	July 2020	Responsible party: SEED Administrative Assistant
5. Submit Quarter 2 Report and reimbursement request to NCTCOG	June 2020	June 2020	Responsible party: SEED Administrative Assistant & Recycling Coordinator
6. Ice Factor planning and implementation of door hanger communication and three pilots	July 2020	November 2020	Responsible party: SEED Supervisor & Recycling Coordinator
7. Develop door hanger – design text, production	July 2020	August 2020	Responsible party: SEED Supervisor & Recycling Coordinator



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8. Develop Thank you cart tags and tips – design, text, production	July 2020	August 2020	5-6 designs to be developed for reducing contamination tips Responsible party: SEED Supervisor & Recycling Coordinator
9. Receive reports on 3 pilots from Ice Factor	August 2020	November 2020 Responsible party: SEED Supervisor	Should receive as each pilot is completed Responsible party: Ice Factor & SEED Supervisor
10. Order cargo vehicle	April 2020	June 2020	Work through City of Plano purchasing processes Responsible party: SEED Supervisor & Recycling Coordinator
11. Work on interior MREV conversion design plans	April 2020	June 2020	Work with van conversion company and City of Plano Fleet department Responsible party: SEED Supervisor & Recycling Coordinator
12. Deliver cargo van to contractor for conversion	June 2020	September 2020	Responsible party: SEED Supervisor, Recycling Coordinator & Fleet Services
13. Create graphic design for van wrap	June 2020	July 2020	Work with City of Plano Communications graphic designer Responsible party: SEED Supervisor & Recycling Coordinator
14. Vehicle Wrap Installation	September 2020	October 2020	Deliver to Wrap company Responsible party: SEED Supervisor & Recycling Coordinator
15. Submit Quarter 3 Report and reimbursement request to NCTCOG	September 2020	September 2020	Responsible party: SEED Administrative Assistant & Recycling Coordinator
16. Develop MRF processes video for use in MREV	September 2020	December 2020	Work with City of Plano TV and Republic Services to develop



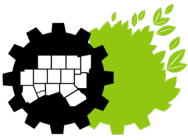
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			Responsible party: SEED Supervisor & Recycling Coordinator
17. Develop, design and produce pull-up exhibits to use with MREV	September 2020	December 2020	Work with City of Plano Communication Department graphic designer. Produce through Signs by Tomorrow. Responsible party: SEED Supervisor & Recycling Coordinator
18. Order External materials	September 2020	November 2020	T.V. Generator Mobile Hot Spot Tables Chairs Storage boxes Responsible party: SEED Administrative Assistant & Recycling Coordinator
19. Complete make ready of MREV with Educational Materials and Electronic Media	November 2020	December 2020	Stock MREV with tables, chairs, tents, storage boxes, pull-up exhibits, learning activities, promotional items, etc. Responsible party: Recycling Coordinator
20. Submit Quarter 4 Report and reimbursement request to NCTCOG	December 2020	December 2020	Responsible party: SEED Administrative Assistant & Recycling Coordinator
21. Begin scheduling calendar of events for MREV	October 2020	March 2021	Partner with the Library Outreach Vehicle to attend events they are scheduled for. Partner with Parks department events to have presence at their events. Work with Green Schools program to make appearances at PISD schools, classrooms, environmental clubs and fairs and festivals. Responsible party: Recycling Coordinator



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<p>22. Roll out MREV</p>	<p>December 2020</p>	<p>December 2020</p>	<p>Plano Christmas Parade Dickens Downtown Tree Lighting – Legacy Center</p> <p>Responsible party: Recycling Coordinator</p>
<p>23. Utilize the MREV at variety of events</p>	<p>January 2021</p>	<p>March 2021</p>	<p>Partner with the Library Outreach Vehicle to attend events they are scheduled for. Partner with Parks department events to have presence at their events. Work with Green Schools program to make appearances at PISD schools, classrooms, environmental clubs and fairs and festivals.</p> <p>Responsible party: Recycling Coordinator</p>
<p>24. Submit Quarterly Reports</p>			<p>Qtr. 1 – March 2020 Qtr. 2- June 2020 Qtr. 3- September 2020 Qtr. 4- December 2020</p> <p>Responsible party: SEED Administrative Assistant & Recycling Coordinator</p>
<p>25. Submit Final Report, Reimbursement Request, Release of Claims to NCTCOG</p>	<p>March 2021</p>	<p>March 31, 2021</p>	<p>All items will be paid for, delivered, and all documentation will be collected and submitted to NCTCOG for final reimbursement no later than March 31, 2021.</p> <p>Responsible party: SEED Administrative Assistant & Recycling Coordinator</p>
<p>26. TCEQ Results Report</p>	<p>August 2021</p>	<p>August 31, 2021</p>	<p>Submit cumulative results from the start of project using template provided by NCTCOG.</p> <p>Responsible party: SEED Administrative Assistant and Recycling Coordinator</p>



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<p>27. Year Later Report TCEQ Results Report</p>	<p>March 2022</p>	<p>March 31, 2022</p>	<p>Documentation of results one year after project completion date using template provided by NCTCOG.</p> <p>Responsible party: SEED Administrative Assistant & Recycling Coordinator</p>
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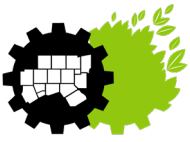
*Please note this grant timeline is subject to minor changes based on the needs of the RFP process and the City’s legal team. The City of Garland is committed to ensuring NCTCOG RCC’s deadlines are met.

Private Sector Notification (not applicable for this project type):

PRIVATE INDUSTRY NOTIFICATION

This section is applicable only to the following grant categories:

- d. Source Reduction and Recycling
- e. Citizens' Collection Stations and "Small" Registered Transfer Stations
- f. A demonstration project under the Education and Training project category



FY 26/27 Solid Waste Grant Showcase Grant Information Packet

Staff Contact:

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agilbert@nctcog.org | 817.608.2334

Notes: