



Health & Human Services
Environmental Health
Fort Bend County, Texas

4520 READING ROAD ♦ SUITE A-800 ♦ ROSENBERG, TX 77471
OFFICE: 281-342-7469 FAX: 281-342-5572



Michael R Schaffer, MBA, CPO, LPA
Division Manager – Environmental Services

10-30-2023

Commissioners' Court
301 Jackson St
Richmond, TX 77469

Judge K.P. George,

Environmental Health respectfully requests the approval to apply for the Houston-Galveston Area Council (H-GAC) Solid Waste Management Grant for \$34,000. The duration of the Grant is from January 1, 2024 thru December 31, 2024.

Should you have any questions, please contact Michael R Schaffer at 713-299-9402 or email at Michael.Schaffer@fortbendcountytx.gov.

Respectfully,

A handwritten signature in blue ink that reads "Michael R Schaffer".

Michael R Schaffer, MBA, CPO, LPA
Division Manager – Environmental Health

Schaffer, Michael

*Shaneka approved to apply for both.
Ratification for CC.*

From: Schaffer, Michael
Sent: Tuesday, October 17, 2023 7:52 AM
To: Smith, Shaneka; Gulley, Samantha
Cc: Gale-Lowe, Letosha
Subject: RE: Grant Request - 2024 Track 2 Development Base
Attachments: H-GAC Solid Waste Management Grant Application - 175.pdf

Thank You Shaneka,

I have attached the other grant we spoke about. Both will be coming to CC for the ratification for the application.

Thank you as always for the assistance.

-Michael

From: Smith, Shaneka <Shaneka.Smith@fortbendcountytexas.gov>
Sent: Monday, October 16, 2023 12:33 PM
To: Gulley, Samantha <Samantha.Gulley@fortbendcountytexas.gov>; Payero, Olga <Olga.Payero@fortbendcountytexas.gov>
Cc: Schaffer, Michael <Michael.Schaffer@fortbendcountytexas.gov>; Gale-Lowe, Letosha <Letosha.Gale-Lowe@fortbendcountytexas.gov>
Subject: FW: Grant Request - 2024 Track 2 Development Base

Thank you Michael. Samantha will assist.

*Shaneka Smith
Chief of Staff
Fort Bend County Judge's Office
401 Jackson Street
Richmond, TX 77469
Main: (281) 344-3950*



From: Schaffer, Michael <Michael.Schaffer@fortbendcountytexas.gov>
Sent: Wednesday, October 11, 2023 8:49 AM
To: Smith, Shaneka <Shaneka.Smith@fortbendcountytexas.gov>
Cc: Gale-Lowe, Letosha <Letosha.Gale-Lowe@fortbendcountytexas.gov>
Subject: Grant Request - 2024 Track 2 Development Base

Good Afternoon,

There are three grants totaling \$31,500 from the National Environmental Health Association (NEHA) and U.S. Food and Drug Administration (FDA) that I would like to apply for today. We were unable to meet the deadlines to request the approval to apply from CC. I am seeking approval from the Judge to apply so that I can make the deadline. If approved, I will continue the process of getting through OnBase for County Attorney Review (this is an extension of a grant we have and the terms have not changed so should be quick) to then put a ratification on next Commissioners' Court. I have attached the application that would be submitted.

I appreciate the consideration.

Thanks,
-Michael



Michael R Schaffer, MPH, CPO | Director – Environmental Health
Fort Bend County Health & Human Services
4520 Reading Rd | Rosenberg, TX 77471
Work: 281-238-3589 | Cell: 713-299-9402
Email: Michael.Schaffer@fortbendcountytx.gov
Website: www.fbchhs.org

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H-GAC Solid Waste Management Grant Application

General Information

Application Information

Application ID	Name of Entity	Department/Division
175	Fort Bend County Health and Human Services	Environmental Health

Primary Project Contact Information

Name	Address
Michael Schaffer	4520 Reading Road
Phone Number	Address
713-299-9402	4520 Reading Road Rosenberg, TX 77471
Email Address	County
Michael.Schaffer@fortbendcountytx.gov	FortBend
Title	
Director Environmental Health	

Primary Financial Contact Information

Name	Address
Kandace Boyer	4520 Reading Road
Phone Number	Address
281-238-3530	4520 Reading Road Rosenberg, TX 77471
Email Address	County
kandace.boyer@fortbendcountytx.gov	FortBend
Title	
Administrative Services Coordinator • Environmental Health	

Eligible Entities

Entity Category
County

Grant/Project Information

Project Title
Fort Bend County Environmental Crimes Unit/Mosquito Control Project

Brief Project Description

Fort Bend County Environmental Crimes Unit (ECU) responds to many illegal dumping sites. Surveillance camera video placed at these locations would help to identify suspects. ECU is asking for six Flock Safety Falcon Flex Cameras at \$3,500 each and Fort Bend County will cover the cost of the software to run the videos cameras. There are also many tires that are dumped in Fort Bend County. We are asking for Two Trailers @ \$6,500 each for tire and solid waste pickup by Mosquito Control to help rid the debris and assure there is no standing water for breeding mosquitos.

Grant Category
Local Enforcement

Population Served by this Project
515,000

If this application is selected for funding it will be earmarked for either FY24 funding (projects start on March 1, 2024) or FY25 funding (projects start on September 1, 2024). All projects must be completed by June 30, 2026.

Please indicate your preference below.

H-GAC will try to accommodate your requested start date; however, this cannot be guaranteed. Your selection will in no way impact your application's chance of being selected for funding.

FY24

Personnel and Fringe Benefits Budget

This application does not contain a Personnel and Fringe Benefits request.

Personnel Budget Narrative

Fringe Benefits Budget Narrative

Travel Budget

This application does not contain a Travel request.

Travel Budget Narrative

Supplies Budget

This application does not contain a Supplies request.

Supplies Budget Narrative

Equipment Budget

Equipment Budget Line Item

Description

Landscape Trailers

Purpose

To pick up tires and solid waste

Make & Model

J & C 77 X 12 Landscape Trailer with Brakes

Quantity

2

Amount Requested

\$13,000.00

Equipment Budget Narrative

Fort Bend County is asking for two trailers at \$6,500 each for tire and solid waste pickup and disposal. The, Environmental Crimes Unit and Mosquito Control will utilize the equipment to help clean up sites throughout the county. We are also asking for six Flock Safety Falcon Flex Cameras at \$3,500 each, to be placed at illegal dumping site so that the Environmental Crimes Unit can help identify suspects. Fort Bend County plans to have an Memorandum Of Understanding with Flock Safety to utilized the database that other jurisdictions use to help us in our efforts. Fort Bend County will pay the annual recurring cost of the Flock Safety Flock OS program at \$21,000.

Equipment Budget Line Item

Description

Video Surveillance Cameras

Purpose

To identify illegal dumping suspects

Make & Model

Flock Safety Falcon Flex Cameras

Quantity

6

Amount Requested

\$21,000.00

Construction Budget

This application does not contain a Construction request.

Construction Budget Narrative

Contractual Budget

This application does not contain a Contractual request.

Contractual Budget Narrative

Other Budget

This application does not contain a Other request.

Other Budget Narrative

Total Funding Request

Category	Amount Requested
Personnel Budget (Includes Fringe Benefits)	\$0.00
Travel Budget	\$0.00
Supplies Budget	\$0.00
Equipment Budget	\$34,000.00
Construction Budget	\$0.00
Contractual Budget	\$0.00
Other Budget	\$0.00
Total Amount Requested	\$34,000.00
Applicant's Match/In-Kind	\$21,000.00
Total Project Budget	\$55,000.00

Project Merits and Needs

Need for Project (15 Points)

Fort Bend County is one of the fastest growing counties in the country. With the growth Fort Bend is experiencing, we are seeing more illegal dumping of solid waste and of tires occurring. Water standing in tires along with some of the solid waste areas provides an ideal breeding area for mosquitos. We are asking for video surveillance cameras to identify suspects for the illegal dumping sites and trailers so staff can pick up tires and solid waste items and dispose of them properly. Prosecuting suspects for illegal dumping as been a challenge in Fort Bend County as these suspects are unknown. The video surveillance cameras will help in identifying suspects so Fort Bend County can prosecute illegal dumpers. Fort Bend County plans to have an Memorandum Of Understanding with Flock Safety to utilized the database that other jurisdictions use to help us in our efforts with identifying suspects. Fort Bend recycling center will recycle the tires and Fort Bend County will pay for the solid waste to be disposed of properly.

Objective (5 Points)

1. Reduce the amount of illegal dumping sites.
2. Be able to identify and prosecute illegal dumping suspects.
3. Be able to clean up tires and solid waste sites.
4. Reduce mosquito breeding sites

Project Feasibility (15 Points)

Fort Bend County Health and Human Services has an Environmental Crimes unit that currently investigates illegal dumping complaints. Adding video surveillance cameras would add to the crimes unit ability to find and prosecute these criminals. Fort Bend County Health and Human Services now has a Mosquito Control section. Staff will be able to pick up tires and trash that are a potential breeding area for mosquitos as part of their duties.

Grant Project Implementation Timeline

Outreach and Education (10 Points)

Fort Bend County has a Communication Section that does Outreach and Education. This group will be educating the residents about mosquitos breeding and standing water and to report illegal dump sites and tires on property to Fort Bend County Health and Human Services.

Local Resources and Commitments

Ability to Sustain Project (15 Points)

Once the equipment is purchased, Fort Bend County will be able to use and maintain the equipment for the life of the equipment. Fort Bend County has a recycling center that will recycle the tires that are picked up and the county will pay to have the solid waste disposed in a landfill. Fort Bend County also has storage area to store these trailers and will also pay for maintenance of all equipment along with the annual recurring software cost for the video surveillance cameras.

Matching Funds or In-Kind Services (5 Points)

Fort Bend County will pay for the software for the video cameras - Flock Safety Flock OS at an annual recurring cost of \$21,000. Fort Bend County will also pay to dispose of tires and solid waste and will prosecute person found to have illegally dumped solid waste.

Partnerships (5 Points)

Fort Bend County plans to have an Memorandum Of Understanding with Flock Safety to utilize the database that other jurisdictions use to help us in our efforts.

Project Evaluation

Return on Investment (15 Points)

The Surveillance Cameras will help determine the suspects of illegal dumping and then Fort Bend County will be able to prosecute these persons for the illegal dumping. The trailers will help in cleaning up these sites of solid waste and tires and will help deter others from illegally dumping in the area and will also help rid the area of potential mosquito breeding.

Anticipated Effectiveness (10 Points)

Fort Bend County will clean up all illegal dumping sites that have been reported to the Environmental Crimes Unit and will prosecute any suspect found to be dumping illegally. Fort Bend County will also pick up all tire found to be disposed of improperly. The clean up effort should help deter others from illegally dumping in the same area as it will be cleaned and word will get around that the Environmental Crimes Unit is able to locate and prosecute these suspects.

Measures of Success (5 Points)

The number of Notices of Violations, Citations, Convictions and most importantly pounds of waste removed from our community.

Additional Program Information

Staff

Are enforcement staff certified peace officers?

Yes

How many employees are in the environmental enforcement program?

0

Equipment

If you are requesting funds to purchase equipment, what will the equipment be used for?

Trailers will be used to pick up dumped tires and illegal solid waste dump sites and the Video Cameras will be used at illegal dump site to help identify suspects.

How often will the equipment be used?

2-3 times a month

Do you have adequate space to store the equipment?

Yes

Will the equipment be used for solid waste purposes 100% of the time?

Yes

Existing Programs

Is this an existing program?

Yes

Date of Inception

January 2002

For what percent of cases has a responsible party been found in the last two years?

30

What percent of cases, for which a responsible party was found, were prosecuted during the last two years?

90

What has been your success rate during the last two years at having fines assessed for cases prosecuted?

Our success rates on fines for those that we have been able to get into court has increased drastically in the last year due to a change in court assignment. We now go to one Judge for all of our Environmental Crimes cases for Class C, For A, B, and State Jail Felony, we don't do them often as those cases have been challenging. With the cameras, we are hoping to change this outcome.

What is the total amount of fines assessed during the last two years?

Approximately \$72,000

Have you received past grant funding for your local environmental enforcement program?

No

Prosecution

Are cases handled civilly, criminally, or both?

Criminally

Do you have the support of your management and elected officials to adequately prosecute offenders?

Yes

Training

If staff will require training, have you planned for this in your budget or otherwise?

Staff is already trained.

Educational Component

What educational items will you be purchasing?

None

What is the specific purpose and message of the educational items?

No Standing Water to breed Mosquitos, no dumping of waste

Describe your distribution plan of the Items.

Our Outreach Team attends things such as festivals, community events, and social media.

Regional Solid Waste Management Plan

Goal #1

Goal #1: Does this project promote the planning for adequate municipal solid waste disposal, handling, processing, transfer, and management facilities.?

No

Goal #2

Goal #2: Does this project educate on all aspects of materials management?

No

Goal #3

Goal #3: Does this project act as a vehicle for coordination to take advantage of opportunities for economies of scale and partnerships?

Yes

Objective(s) Meet

Objective 3A: Develop and maintain regional cooperative service contracts.

Goal #4: Does this project support programs that encourage environmental protections and minimize safety risks?

Yes

Objective(s) Meet

Objective 4A: Support the development and utilization of collection programs for components of the waste stream that may pose a special risk or problem.

Objective 4B: Target waste reduction activities to components of the waste stream that may pose a special risk or problem.

Objective 4E: Support the enforcement of illegal dumping/disposal of solid waste.

Goal #5: Does this project encourage and promote market development for composted, reused, and recycled goods with a focus on the economic impact of sustainable materials management?

No

Goal #6: Does this project facilitate and support the creation and expansion of materials management programs?

No

Goal #7: Does this project support research and data collection efforts related to materials management?

No

Goal #8: Does this project develop, support, and maintain partnerships with private industry and nonprofit organizations?

Yes

Objective(s) Meet

Objective 8A: Encourage coordination of public and private interests in addressing solid waste problems.

Objective 8C: Promote best management practices from subject matter experts.

Private Industry

This application does not contain any Private Industry Items.

Similar Programs

This application does not contain any Similar Programs items.

Supporting Documents

No supporting documents were provided.

Application Agreement and Signature

By checking this box, the Applicant certifies that it has reviewed the certifications, assurances, and deliverables included in this application, that all certifications are true and correct, that assurances have been reviewed and understood, and that all required deliverables are included with this application submittal.

I Agree

Your Name

Michael Schaffer

Your Title

Director Environmental Health

Date Submitted

10/17/2023 07:44 AM