

FY10 Capital Project Request Form for District: C HD 05

Please send copies to the office of: Senator Kookesh and Representative Thomas

Grant recipient name (ie. Name of Municipality, School District or Organization):

City of Gustavus, Alaska

Physical location of project (community name):

Gustavus

Project Title (should clearly state what the project is):

Gustavus Disposal & Recycling Center (DRC) Facility Improvement Project

Brief Description of Project (1 or 2 sentences):

This project consists of two sub-projects:

- 1. Replacement of the DRC's old skid-steer loader**
- 2. Construction of an addition to the DRC's main building**

Replacing the DRC's old skid-steer loader will provide a greater degree of reliability to the DRC's operation. New skid-steer loader will be capable of using all the attachments of the existing skid-steer loader and will also be slightly larger to provide greater weight handling capability.

Construction of a small addition to the DRC's main building will provide the DRC with an office, employee bathroom with sink, emergency eye wash station, and changing area, toilet and water supply system. This project will bring the DRC facility into OSHA compliance.

Total Cost of Project from Inception to Completion:

(Total should equal the funding request from the State and funding sources secured, requested or needed listed below) **\$122,000.00**

State Fiscal Year 2010 Funding Request from the State:

\$114,000.00

If your project is funded this year, will you be requesting state funding again? Yes No **X**

Funding Plan:

Please list any funding already secured, as well as the year it was secured:

Funding Source	Amount Secured	State Fiscal Year
Federal Funds		
State Funds		
Denali Commission		
Rasmusson Foundation		
Local Funds	\$7,000.00	FY'09
Other Funds (explain)		

Please list any non-state funding currently requested but not yet secured:

Funding Source	Amount Requested	State Fiscal Year
Federal Funds		
Denali Commission		
Rasmusson Foundation		
Local Funds	\$1,000.00	FY'10
Other Funds (explain)		

If you need additional funding to complete this project, please indicate below from whom you intend to secure that funding:

Funding Source	Amount Needed	State Fiscal Year
Federal Funds		
Denali Commission		
Rasmusson Foundation		
Local Funds		
Other Funds (explain)		

Please provide a detailed description and project justification: (*approx. a one page summary, attach all other project back up with this form*)

DRC Overview and Benefits

This project will improve public health and safety for the community of Gustavus by further improving the City's existing solid waste handling services. The DRC has a long history of providing ADEC compliant solid waste handling services for the community of Gustavus beginning with the facility's first solid waste operating permit issued by ADEC in 1994. In FY'08 the DRC was open to the public on 193 days, handled 3,593 customer transactions and processed over 123 tons of waste. Over 66% of the waste that was delivered during that time was recycled. Recycling processes used by the DRC include baling and shipping south materials such as pop cans, tin cans, post-consumer plastic bottles, cardboard etc. to recyclers in the lower 48, or locally processing recyclable materials such as food waste using a composting program or pulverizing glass bottles and jars for land spreading. The DRC also provides for the recycling of lead-acid batteries, dry cell batteries, computer monitors, TVs and other universal wastes. The DRC maintains an efficient balefill and landfill for the safe disposal of non-recyclable waste. The DRC's extensive recycling programs are conserving landfill "airspace" and greatly extending the usable life of the facility.

During FY'08 over 46% of the operational funding for the DRC was provided by user fees. Eighteen percent of the DRC's operating income was provided by the sales of recyclable materials with the remaining 36% provided by city subsidy, sales from the city owned thrift store and donations. Since 2003 the DRC has provided recycling and landfiling services for Glacier Bay National Park through a contractual agreement. To date the DRC has received over \$170,000 in funding for capital projects from various federal, state and private agencies such as the State of Alaska's former Capital Improvement Matching Grant Program for un-incorporated communities, the Denali Foundation's Solid Waste Program, the USDA Rural Development program and two private foundations. The DRC has a proven track record of soliciting funds for projects and seeing those projects through to conclusion.

Project Description

Skid-steer replacement:

Since 1998 the DRC's Bobcat 763 skid-steer loader has been central to the DRC's operation and not a day of operation goes by without it's use: moving bins of recyclables, loading baled recyclables into shipping vans, moving bales of solid waste to the balefill and applying cover to the landfill and balefill. Additionally the skid-steer loader is used to plow snow during the winter months. The DRC's skid-steer loader is 14 years old now and while it is maintained as part of the DRC's equipment maintenance program, it breaks down more often and is showing wear that is common to equipment of it's age and degree of use. The replacement skid-steer loader's specifications and cost estimation is based on the current cost of a new skid-steer loader capable of using all the attachments of the existing skid-steer loader and have a 3,300 pound (the weight of a full pallet of lead-acid batteries - the heaviest item in the DRC's operation) operating capacity, 85 HP Tier III diesel engine and a two

speed travel option. To help maintain the replacement skid-steer loader a simple shed shall be constructed to protect it from direct rain and snow. The existing skid-steer loader will remain with the City and be used as backup.

Without timely replacement of the DRC's only skid-steer loader the City will run the risk of significant downtime and waste buildup while the DRC Manager secures the services of a qualified repair technician, air-freights in replacement parts and/or arranges for temporary rental equipment. This is especially problematic during the busy summer season when a lot of waste flows through the facility on a daily basis. Equipment breakdowns and downtime adversely effect the DRC's operating budget and impact all other aspects of the DRC's operation. Utilizing newer equipment and having backup systems in place helps assure that operating costs will be kept as low as possible.

Construction of a new office & bathroom:

Trained operators and a safe working environment are essential to the operation of the DRC. Presently the DRC has no on-site office, and no sink, toilet or changing room for DRC employees. This places the DRC out of compliance with OSHA regulations and is a serious inconvenience for DRC staff. Presently the DRC Manager maintains a minimal office in an off-site location, this results in inefficiencies in the communication between the manager and the assistant operator in matters regarding the daily operation of the facility. For a toilet an employee either has to “use the bushes” or drive to a location where there is a toilet. While the DRC maintains a very small emergency eye-wash station the amount of water available is very limited. The DRC is unable to provide employees with an enclosed, heated area for training, breaks and completing necessary daily paperwork.

The proposed office & bathroom addition is a small: a 12' x 24' structure that will be attached to the existing DRC building. The addition will require modification of the existing building's common wall and roof. The design of the addition is stick frame with a truss roof and wooden floor. Energy conservation is a primary consideration in it's design: such as maximizing the use of daylight with energy efficient windows for lighting, and heating efficiency provided by well insulated walls, ceiling and floor. To keep heating costs low, a small wood stove is proposed that can utilize either waste wood collected during the DRC's operation or use locally available firewood. Because the DRC is a recycling oriented facility and to avoid the high cost of installing a ADEC compliant septic system, the DRC proposes to install a composting toilet, several homeowners in Gustavus have offered to donate an unused toilet to the DRC for this purpose.

The office portion would provide room for the manager's desk, computer and file cabinets. The office would also provide room for a table for employee training, space for meal breaks and a place to warm up when outdoor temperatures are very cold. The employee bathroom will provide a hand washing sink, small emergency eyewash station, lockers and a small bench for changing between work uniforms and off-duty clothes. A small, enclosed, electrically heated utility room is provided for the existing 300 gallon water cistern, water pump, pressure tank and on-demand electric hot water heater for the bathroom sink. The layout of this room will be such that most of the space in the office addition will not have to be heated on a continual basis to prevent freezing of the water system. As stated previously, energy efficiency and low operating costs are prime motivating factors in the design of this project. It is anticipated that the addition will be constructed using the force accounting method with labor provided by local carpenters assisted by DRC staff.

Working conditions that are OSHA compliant, organized and designed to provide basic employee comforts are essential in attracting, training and retaining good employees. Not having this essential infrastructure places the DRC and it's employees at risk.

Detailed Budget

Skid-Steer Loader	
Skid-Steer loader	\$41,100

85 HP Turbo Tier III diesel engine, 3,300 pound operating capacity, two speed travel, Severe Duty 12 ply Tires, 80" Heavy Duty bucket	
Juneau - Gustavus freight charges	\$600
Shed: 10' x 12' simple truss construction 1" thick material, metal siding and roofing	\$2,000
Project administration & contingency ~ 10%	\$4,300
Total sub-project cost	\$48,000

Construction of a new office & bathroom:	
Basic structure: 24' x 12', 288 square feet of space with a gable roof and insulated wood floor. There would be four (4) low heat loss windows. Three (3) interior doors and two (2) exterior doors, rough-in wiring, insulation, sheetrock, trim and painting, exterior light. Price includes State Fire Marshal review of plans.	Cost @ \$200 per square foot = \$57,600
Office: Portable table, file cabinets, fireproof file cabinet, shelving and light fixtures.	\$1,520
Bathroom: Sink, eyewash station, lockers, small bench, electric on-demand heater, misc. plumbing & installation.	\$3,120
Toilet: Composting toilet (donated), wall fan & installation.	\$400
Utility closet: 300 gallon water cistern (move existing), water pump, pressure tank, filter, misc. plumbing fixtures & installation.	\$2,430
Wood stove heating: Wood stove, mantel & heat shielding, chimney, installation.	\$2,350
Project administration & contingency ~ 10%	\$6,580
Total sub-project cost	\$74,000
Total Project Cost	\$122,000

Please describe the project time-line and when expenditures will occur:

July - December 2009	The new skid-steer loader would be purchased, building plan review and materials list would be completed
January - April 2010	Materials for office addition would be purchased and delivered
April 2010 - June 2011	Construction of office bathroom addition, installation of all specified components

It is anticipated that all grant funds would be expended by the end of FY'11.

Who will be responsible for providing the ongoing maintenance and operation costs?

The DRC has a staff of one full time Manager/ Operator and one or more part time assistant operators. This permanent staff will be responsible for the routine preventive maintenance of the skid-steer loader and building. The DRC has an existing equipment and building maintenance budget category. Sufficient funding will be allocated to ensure DRC equipment and DRC building remain in good repair.

Grant Recipient Contact Information:

Contact Name: Kapryce Manchester, City Clerk, City of Gustavus

State Tax ID Number: EIN 27-0085777

Phone Number: 907-697-2451

Mailing Address: PO Box 1, Gustavus, AK 99826

E-Mail: clerk@gustavus-ak.gov

Has the project gone through a public review process at the local level and is it a community priority by resolution or other official action by the governing body?

YES X NO _____

You must provide documentation. (ie. Copy of resolution and/or appropriate letter(s) of support)

If your project request has not gone through a public and/or governing or appropriate review process for your community or school district then it may not make it through the Legislative process of approval.

If this form is missing information that is not provided in a timely manner, your request will not be able to be included in the FY10 capital project funding requests as we will not have the information needed to fully support your project should there be questions our office may be asked to answer regarding your project.

City of Gustavus, Alaska

Resolution No. 2008-27

A RESOLUTION IN SUPPORT OF THE PROPOSAL TO IMPROVE THE DISPOSAL AND RECYCLING CENTER FACILITY FOR FUNDING THROUGH THE STATE OF ALASKA CAPITAL IMPROVEMENT PROGRAM

WHEREAS, the Gustavus Disposal and Recycling Center (DRC) is a model proven and sustainable ADEC-permitted program for responsibly handling solid waste; and

WHEREAS, the 2005 Gustavus Strategic Plan identified clean air and water as core community values; and

WHEREAS, the DRC is out of compliance with OSHA regulations, having no bathroom, toilet, or emergency eye-washing station; and

WHEREAS, the City of Gustavus values its employees and wishes to promote their health and safety; and

WHEREAS, a 14 year-old skid-steer loader central to the DRC's daily operation is becoming less dependable with age and needs to be replaced to assure reliable functioning,

NOW THEREFORE BE IT RESOLVED, the Gustavus City Council, in an effort to protect its employees' health and safety and assure reliable functioning of the DRC supports for submission the proposal to improve the disposal and recycling center facility for a CIP grant.

PASSED and APPROVED by the Gustavus City Council, this 11th day of December, 2008.

William Unkel, Mayor

Paul Berry, Vice Mayor

Wayne Howell, Council Member

Sandi Marchbanks, Council Member

John Nixon, Council Member

Joe Lassiter, Council Member

Louis Cacioppo, Council Member

Attest: Kapryce Manchester,
City Clerk