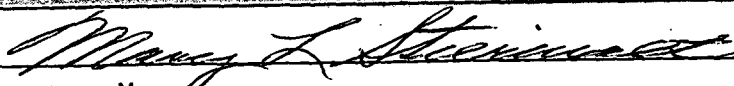


FORM A

Contract #: 00-6550-31

SOLID WASTE ALTERNATIVES PROGRAM

| | | |
|---|---|---|
| Project Title: Recycling Program Continuation - Lucas County | | |
| Applicant Name: City of Chariton, Iowa | | |
| Street Address: 115 South Main, City Hall | | |
| City/State/Zip: Chariton, Iowa 50049 | | |
| Mailing Address (if different): | | |
| P.O. Box: | | |
| City/State/Zip: | | |
| County: Lucas County | | |
| Contact Person: Edward Elam | | |
| Telephone Number: 515-774-5991 | | |
| E-mail Address: cityhall@lucasco.net | | |
| Applicant Type: | | |
| <input checked="" type="checkbox"/> Local Government | <input type="checkbox"/> Private For Profit | <input type="checkbox"/> Private Not For Profit |
| Primary Project Type: | | |
| <input checked="" type="checkbox"/> Best Practices | <input type="checkbox"/> Education | <input type="checkbox"/> Market Development |
| Amount of Funding Requested: \$ 10,000 | | |
| Amount of Applicant Match Committed: \$ 10,000 | | |
| Total Project Cost: \$ 20,000 | | |
| Facility Location: Lucas County, Chariton, Iowa | | |
| Project Service Area Description: Lucas County | | |
| Signature:  | | |
| Title: Mayor | | |
| Date: March 30, 2000 | | |

DNR SOLID WATER ALTERNATIVES PROGRAM

1. Project Description

The City of Chariton, Iowa on behalf of Lucas County and the other communities in the County (Russell, Lucas, Derby, and Williamson) is requesting funds to purchase 2 additional recyclable trailers to further efforts in Lucas County to reduce solid waste at their regional landfill, South Central Solid Waste Landfill in Attica, Iowa. This landfill serves Lucas, Monroe, Marion and Poweshiek counties.

2. Project Need

The proposed project will be the purchase of 2 additional recyclable trailers to be added to the current 2 trailers the County now operates. The cost of the two will be \$20,000.00. The grant request is for \$10,000 with Lucas County and the City of Chariton providing the cash match of \$10,000 to purchase the second trailer. The proposed new trailers will be the same or similar to the existing ones which are Geneva Models, with 4 compartments, electric brakes, ball hitches and 44 inch dividers mounted in the second compartment. The Lucas County Solid Waste Commission has a contract with a local contractor to deliver the contents of the trailers to Brown Sanitation and Recyclables in Knoxville, Iowa at a minimum of twice a week. The Hy-Vee Food Store parking lot in Chariton will be the primary location for the new trailers.

The project service area will be Lucas County, the Cities of Chariton, Russell, Lucas, Derby and Williamson. The targeted population will be the 9,000 residents of the County. Presently, one trailer is located in Chariton at all times, and the second trailer travels from Chariton and is located in Russell once a week, and in Lucas, Derby, and Williamson once a month. The permanent location in Chariton is the local Hy-Vee Grocery Store parking lot. Most residents of the County bring their recyclables to Chariton when shopping for groceries. Therefore, this site is almost always overflowing. Because of this, the city and county have heard numerous complaints from residents wishing to deposit their recyclables, but cannot do so unless they leave them on the ground. This practice is unsightly and causes Hy-Vee problems.

THE HISTORY OF THE CITY OF BOSTON

By JOHN B. BOWEN

The history of the city of Boston is a subject of great interest and importance. It is a city of many centuries, and its history is a record of the growth and development of one of the most important cities in the world. The city has been the seat of many great events, and its history is a record of the progress of the human race.

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It is anticipated that approximately 5000 yards of recyclable materials will be collected per year with the addition of 2 new trailers. The type of recyclable materials collected will be newspaper, glass, plastics and paper products. The current waste management program for recyclables is under the direction of the Lucas County Solid Waste Commission. In turn, Lucas County is a member of the South Central Solid Waste Agency consisting of the counties of Lucas, Monroe, Marion and Poweshiek for all other solid waste disposal.

3. Project Objectives and Participation

(The overall objective of this project is to reduce the amount of solid waste that reaches the landfill in Attica in order to comply with the 25% and 50% reduction requirement) With the goal of increasing the number of trailers, thus increasing the amount of recyclables collected, the amount of solid waste reaching the landfill will be reduced. At the present time, with the trailers overflowing, many residents leave the materials on the ground or they take them back home only to be redeposited with their other solid waste, which then ends up at the landfill.

The additional amount of recyclables collected can and will be measured through reports from Brown Sanitation and Recyclables that will indicate the amount of materials taken from the trailers located in Lucas County. Once the public is aware that additional space is available, a countywide campaign will be launched to again entice and educate residents of the importance of recycling. The South Central Solid Waste Agency currently has an education program in place that also will be utilized to further the awareness of the county residents. This proposed project is justified in that its intent is to ultimately reduce the amount of solid waste that reaches the landfill, but this cannot be accomplished without a means for residents to dispose of recyclable materials. Therefore the purchase of 2 additional trailers is necessary to accomplish the overall objective.

The tangible project deliverables will become evident in the increased volume at the Brown Recyclable Center. The less tangible deliverables will be in a reduced amount of solid waste coming into the landfill, thus complying with the State's 25% and 50% reduction requirement.

The project participants will be the Lucas County Solid Waste Commission, Brown Sanitation and Recyclables, Hy-Vee Food Stores and

ultimately all of the residents of Lucas County. All of these participants have been working together since 1994 when the original recycling program was initiated.

4. Project Impact

The amount of solid waste diverted from the sanitary landfill will be approximately 5,000 yards per year. This will consist of newspaper, glass, plastics, and paper products. The cost per ton of solid waste can be calculated by taking 5,000 yards, 250 pounds per yard, at \$22 per ton, resulting in a savings of \$13,750 a year. Five years calculates to \$68,750 and 10 years to \$137,500.

This project, through the education component proposed, will help educate the public not only in the need to recycle but also will attempt to encourage them to purchase more products that are recyclable. In addition, this project will assist in the reduction of toxicity by reducing household residue and most importantly reduce the risk of the waste stream entering the ground water and causing contamination.

The increase of recyclables could lead to new or increased markets for Brown Sanitation and Recyclables. Others can also easily replicate the proposed project due to its simplicity and affordability. From past experience, the Lucas County Solid Waste Commission has had no problem in sustaining the recycling program that originated in 1994, and will be able to sustain the proposed addition to the program indefinitely. The purchase of this new equipment has been the only funding problem the program has seen.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

FORM C

PROJECT TIMETABLE

SOLID WASTE ALTERNATIVES PROGRAM

Applicant Name: City of Chariton, Iowa

Project Beginning Date: July, 2000

Project Ending Date: July, 2001

This timetable should account for planning and if applicable, construction phases of the project as well as the first year of project implementation.

| Task or Activity | Beginning Date For Each Task | Ending Date For Each Task | Group/Person Responsible |
|-------------------|------------------------------|---------------------------|---|
| Purchase Trailers | July, 2000 | September, 2000 | City of Chariton |
| Trailer Delivery | September, 2000 | Sept. 2000 | Supplier |
| Education Program | September, 2000 | July, 2001 | City of Chariton and Lucas Co. Solid Waste Commission |

BUDGET SUMMARY SHEET

Applicant Name: City of Chariotn, Iowa

Note: Follow guidelines closely regarding the maximum amount of funding assistance possible for each expenditure involving program funds. All eligible expenses will be funded at not more than 75%.

When completing Form D, clearly identify existing local match items from local match items where financial assistance will not be requested.

FORM E

RESPONSIBLE AGENCY REVIEW AND COMMENT FORM

SOLID WASTE ALTERNATIVES PROGRAM

Applicant Name: City of Chariton, Iowa

Date Application Received: March 30, 2000

Responsible Agency Name: Iowa Department of Economic Development - Leisha Barcus

Signature: _____

Title: _____

Date: _____

1. Is the proposed project consistent with the solid waste comprehensive plan or subsequent plan? Please elaborate.

2. Is the Agency aware of competitors for the targeted solid waste materials identified in the application? If yes, will the proposed project adversely affect the operations of the competing entity and how?

3. Is all or a portion of the targeted solid waste materials currently landfilled? If not, please elaborate.

4. Can the project, as proposed, be considered to have a regional impact on the targeted solid waste stream? If not, is there the potential for it to be expanded to have a regional impact and how?

5. Are the landfill diversion figures proposed in the application consistent with the solid waste comprehensive plan figures? If not, how are they inconsistent?

6. In the Agency's opinion, does the applicant's project staff have the experience and knowledge to successfully implement the proposed project? Please elaborate.

7. Does the responsible agency feel the project is viable as proposed, given current and projected populations, the available solid waste stream, and current and proposed landfill diversion activities? Please elaborate.

8. Other Comments: