

BEFORE THE METRO COUNCIL

FOR THE PURPOSE OF AUTHORIZING METRO) RESOLUTION NO. 03-3315A
TO ISSUE A CALL FOR GRANTS AND AWARD)
GRANT FUNDING FOR CONSTRUCTION AND) Introduced by: Mark Williams,
DEMOLITION DEBRIS POST-COLLECTION) Interim Chief Operating Officer, with
RECOVERY AND USED BUILDING MATERIAL) the concurrence of David Bragdon,
SALVAGE INFRASTRUCTURE) Council President

WHEREAS, Metro is obligated under the Regional Solid Waste Management Plan to increase the quantity of materials that are salvaged, recycled and recovered in the region; and,

WHEREAS, Metro, to meet its goal of 56% recovery by 2005, has established a goal of recovering 35,000 additional tons per year of construction and demolition debris; and,

WHEREAS, Metro and an intergovernmental work group developed a Construction and Demolition (C&D) Debris Work Plan designed to increase the salvage and recycling of construction and demolition debris; and,

WHEREAS, that Plan was adopted by the Metro Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)"; and,

WHEREAS the region's used building material industry has the potential to prevent a large portion of C&D debris from becoming part of the solid waste stream; and,

WHEREAS, the staff of the Solid Waste and Recycling Department have concluded that money budgeted for personal services contracts to study alternative approaches for increasing regional recovery of construction and demolition debris may be better spent by providing direct, infrastructure development grants to entities involved in the collection, distribution, or sale of used building materials; and,

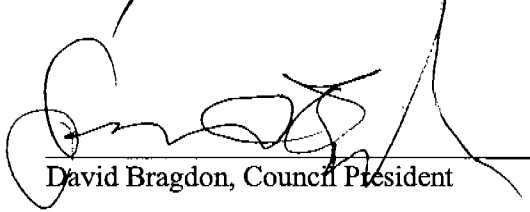
WHEREAS, this one-time grant program will provide needed capital funding for those involved in used building material salvage to increase the salvage of reusable building materials; and,

WHEREAS, under Metro Code section 2.04.054(b)(12), Metro may use a competitive request for proposals process to solicit grant applications and select grant recipients; and,

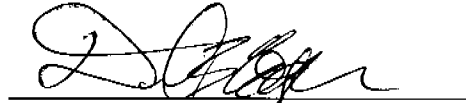
WHEREAS, attached as Exhibits A and B to this resolution is a competitive request for proposals for infrastructure development grant funding to increase the salvage of used building materials, now therefore,

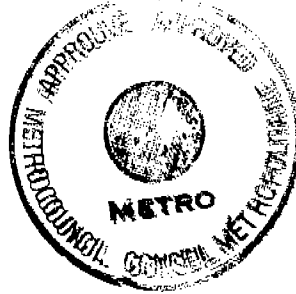
BE IT RESOLVED, that the Metro Council authorizes the Chief Operating Officer to (a) issue a request for proposals for grant funding in a form substantially similar to Exhibits A and B attached to this resolution, and (b) award up to \$100,000 in grant funding to the grant applicants that the Chief Operating Officer determines will best encourage the reuse and salvage of construction and demolition debris.

ADOPTED by the Metro Council this 15th day of May, 2003.


David Bragdon, Council President

Approved as to Form:


Daniel B. Cooper, Metro Attorney



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WHEREAS, Metro, to meet its goal of 56% recovery by 2005, has established a goal of recovering 35,000 additional tons per year of construction and demolition debris; and,

WHEREAS, Metro and an intergovernmental work group developed a Construction and Demolition (C&D) Debris Work Plan designed to increase the salvage and recycling of construction and demolition debris; and,

WHEREAS, that Plan was adopted by the Metro Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)"; and,

~~WHEREAS, post-collection recovery of mixed C&D debris at solid waste facilities is not currently at a level that will result in recovering 35,000 additional tons per year; and,~~

WHEREAS the region's used building material industry has the potential to prevent a large portion of C&D debris from becoming part of the solid waste stream; and,

WHEREAS, the staff of the Solid Waste and Recycling Department have concluded that money budgeted for personal services contracts to study alternative approaches for increasing regional recovery of construction and demolition debris may be better spent by providing direct, infrastructure-development grants to ~~(a) solid waste facilities that accept mixed, non-putrescible ("dry") waste generated in the Metro region, and (b) entities involved in the collection, distribution, or sale of used building materials; and,~~

WHEREAS, this one-time grant program will provide needed capital funding for ~~solid waste facilities and those involved in used building material salvage to increase their recovery of mixed dry C&D debris and increase the salvage of reusable building materials; and,~~

WHEREAS, under Metro Code section 2.04.054(b)(12), Metro may use a competitive request for proposals process to solicit grant applications and select grant recipients; and,

WHEREAS, attached as Exhibits A and B to this resolution is a competitive request for proposals for infrastructure-development grant funding to increase the salvage of used building materials ~~reuse and recycling of construction and demolition debris~~, now therefore,

BE IT RESOLVED, that the Metro Council authorizes the Chief Operating Officer to (a) issue a request for proposals for grant funding in a form substantially similar to Exhibits A and B attached to this

resolution, and (b) award up to \$1200,000 in grant funding to the grant applicants that the Chief Operating Officer determines will best encourage the reuse and salvage recycling of construction and demolition debris.

ADOPTED by the Metro Council this _____ day of _____, 2003.

David Bragdon, Council President

Approved as to Form:

Daniel B. Cooper, Metro Attorney

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FACT SHEET
Construction and Demolition Debris
Salvage and Recovery Infrastructure Grant Program
April 2003

Need/Justification

- Objective 2.2 of the Solid Waste and Recycling Department's strategic plan states that we should "target remaining sources of greatest material recovery potential to achieve 2005 recovery goals."
- The Metro region currently recovers 54.8% of the waste generated. To reach our state-mandated recovery goal of 62% in 2005, we must recover an additional 35,000 tons of construction and demolition debris.
- Over 160,000 tons of construction and demolition debris was disposed of in the Metro region in 2001. This represents 15% of the region's disposed wastestream. Over 50% of this disposed material was composed of recoverable materials like wood, cardboard and metal.
- Over 50% of the C&D debris generated is from demolition activities. Most of this debris is reusable if salvage and deconstruction techniques were employed during demolition and the markets for used building materials were more developed.
- To advance this effort, the Metro Council adopted three waste reduction initiatives in May 2000, one of which is Construction and Demolition Debris Waste Reduction Initiative, which has a two-track approach to recovering and reusing construction and demolition debris: 1) Waste prevention, salvage and reuse; and 2) Recycling and processing.
- Education plays an important role in both tracks of the C&D Waste Reduction Initiative. Partnerships with construction industry associations have created a greater awareness and understanding of salvage and recycling among the construction industry, but these efforts alone are unlikely to deliver the needed 35,000 tons.
- Funds have been budgeted for C&D processing incentives in the 2002-03 budget, and the C&D waste reduction work group is defining this to include not only the need for more effective post-collection recovery of C&D debris, but also the need for capacity to process and resell used building materials.

Grant Program

- The used building material salvage and deconstruction grant program is designed to assist the used building material industry with long-term investment in the infrastructure needed to reuse more of the C&D debris currently being disposed.
 - Funds will assist the region's fledgling salvage and deconstruction industry in making long-term investments in the infrastructure needed to process and resell more of the reusable building materials coming from the region's demolition and renovation projects. Examples of potential projects include material storage racking, forklifts, storage/retail buildings, denailing tools and other tools that increase cleaning/processing speed or value of recovered building materials.
- Grants require a dollar-for-dollar match, which not only leverages private sector funds, but also demonstrates a serious long-term commitment on the part of the recipient.
- The Solid Waste and Recycling Department would like to release the call for grant applications to allow the allocation of funds by August 2003.
- By approving this resolution, council will empower the grant selection committee with the authority to enter into contract(s) to award the grants to the highest scoring applicants.
- A total of \$100,000 is available for these grants.

FACT SHEET
Construction and Demolition Debris
Salvage and Recovery Infrastructure Grant Program
April 2003

Need/Justification

- Objective 2.2 of the Solid Waste and Recycling Department's strategic plan states that we should "target remaining sources of greatest material recovery potential to achieve 2005 recovery goals."
- The Metro region currently recovers 54.8% of the waste generated. To reach our state-mandated recovery goal of 62% in 2005, we must recover an additional 35,000 tons of construction and demolition debris.
- Over 160,000 tons of construction and demolition debris was disposed of in the Metro region in 2001. This represents 15% of the region's disposed wastestream. Over 50% of this disposed material was composed of recoverable materials like wood, cardboard and metal.
- Over 50% of the C&D debris generated is from demolition activities. Most of this debris is reusable if salvage and deconstruction techniques were employed during demolition and the markets for used building materials were more developed.
- To advance this effort, the Metro Council adopted three waste reduction initiatives in May 2000, one of which is Construction and Demolition Debris Waste Reduction Initiative, which has a two-track approach to recovering and reusing construction and demolition debris: 1) Waste prevention, salvage and reuse; and 2) Recycling and processing.
- Education plays an important role in both tracks of the C&D Waste Reduction Initiative. Partnerships with construction industry associations have created a greater awareness and understanding of salvage and recycling among the construction industry, but these efforts alone are unlikely to deliver the needed 35,000 tons.
- Funds have been budgeted for C&D processing incentives in the 2002-03 budget, and the C&D waste reduction work group is defining this to include not only the need for more effective post-collection recovery of C&D debris, but also the need for capacity to process and resell used building materials.

Grant Program

- The used building material salvage and deconstruction ~~two-tiered~~ grant program is designed to assist both ~~the post-collection recovery facilities and the~~ used building material industry with long-term investment in the infrastructure needed to ~~process, recover and reuse~~ more of the C&D debris currently being disposed.
 - ~~First tier funds will assist solid waste facilities to invest in the infrastructure to recover more of the C&D they process. Eligible activities include facility upgrades, site improvements or equipment purchases to accommodate higher recovery levels from mixed dry waste generated in the Metro region. Most of the tonnage needed to meet the 2005 goal will be recovered through post-collection recovery.~~
 - ~~Second tier~~ Funds will assist the region's fledgling salvage and deconstruction industry in making long-term investments in the infrastructure needed to process and resell more of the reusable building materials coming from the region's demolition and renovation projects. Examples of potential projects include material storage racking, forklifts, storage/retail buildings, denailing tools and other tools that increase cleaning/processing speed or value of recovered building materials.
- Grants require a dollar-for-dollar match, which not only leverages private sector funds, but also demonstrates a serious long-term commitment on the part of the recipient.
- The Solid Waste and Recycling Department would like to release the call for grant applications to allow the allocation of funds by ~~August~~ July 2003.
- By approving this resolution, council will empower the grant selection committee with the authority to enter into contract(s) to award the grants to the highest scoring applicants.
- A total of \$1200,000 is available for these grants.

Fiscal Year 2002-2003
Used Building Material Salvage and Deconstruction Infrastructure Grant Program

Issued
May 5, 2003

Overview

The Metro region has established the goal of recovering at least 35,000 additional tons per year of construction and demolition (C&D) materials (e.g., wood, cardboard, metal, drywall, composition roofing) from the wastestream. In order to reach this goal, an intergovernmental work team has developed a three-year Construction & Demolition Debris Work Plan designed to guide the region toward increased salvage, recycling and recovery of C&D materials. One of the primary barriers to increased salvage of reusable building materials is the limited processing and storage capacity at the region's used building material retail facilities.

This one time grant program is designed to provide funding to eligible organizations/firms to address this barrier.

Program Details

Funds are targeted towards assisting with facility upgrades, site improvements or equipment purchases to increase the processing and storage capacity at the region's used building material retail facilities. Examples of potential projects include: material storage racking, forklifts, storage/retail buildings, denailing tools and other tools that increase the cleaning/processing speed or value of recovered building materials.

Relationship to the Regional Solid Waste Management Plan

The Regional Solid Waste Management Plan (RSWMP) gives the metropolitan region direction for meeting solid waste needs from 1995 through 2005. It serves as a regional framework for the coordination of solid waste practices, provides the region with a prioritized program of solid waste system improvements, establishes regional solid waste goals and objectives, and satisfies state law requiring a waste reduction plan for the Metro region.

The overall goal of the RSWMP is to "continue to develop and implement a solid waste management plan that achieves a solid waste system that is regionally balanced, environmentally sound, cost-effective, technologically feasible and acceptable to the public."¹ The specific goals of the RSWMP are as follows:

Goal 1 *The Environment.* *Solid waste practices that are environmentally sound, conserve natural resources and achieve the maximum feasible reduction of solid waste being landfilled.*

¹ Regional Solid Waste Management Plan, p.5-3.

- Goal 2:** *Education.* Residents and businesses of the region are knowledgeable of the full range of waste management options, including waste prevention and reduction, that are available to them.
- Goal 3:** *Economics.* The costs and benefits of the solid waste system as a whole are the basis for assessing and implementing alternative management practices.
- Goal 4:** *Adaptability.* A flexible solid waste system exists that can respond to rapidly changing technologies, fluctuating market conditions, major natural disasters and local conditions and needs.
- Goal 5:** *Performance.* The performance of the solid waste system will be compared to measurable benchmarks on an annual basis.
- Goal 6:** *Plan Consistency.* The RSWMP shall be integrated with other Metro, state, local government, community and planning efforts and shall be consistent with existing Metro policies for managing solid waste.
- Goal 7:** *Regional Waste Reduction Goal.* The regional waste reduction goal is to achieve at least 62% recovery by 2005.
- Goal 8:** *Opportunity to Reduce Waste.* Participation in waste prevention and recycling is convenient for all households and businesses in the urban portions of the region.
- Goal 9:** *Sustainability.* Secondary resource management is a self-sustaining operation.
- Goal 10:** *Integration.* Develop an integrated system of waste reduction techniques with emphasis on source separation, not to preclude the need for other forms of recovery such as post-collection material recovery.

A successful applicant will provide sufficient detail to demonstrate that their approach to used building material salvage reflects the region's Regional Solid Waste Management Plan goals.

Funds Available:

There is a total of \$100,000 available for these grants.

Project Timeline, Submittals and Criteria

Applicants interested in this program must complete and submit the enclosed application form with all required attachments no later than **4:00 PM June 2, 2003**. The grant evaluation, award and reporting process will follow the timeline listed below:

Task	Date
Applications Due	4:00 PM, June 2, 2003
Evaluation committee decides on winner(s)	June 23, 2003
Grant contracts prepared	July 7, 2003
Grant funds distributed	August 15, 2003
First quarterly report due	September 30, 2003
Second quarterly report due	December 31, 2003
Third quarterly report due	April 30, 2004
Final project report due	June 30, 2004

Completed applications must be delivered to Metro, Solid Waste & Recycling Department, 600 NE Grand Avenue, Portland, OR 97232, attention: Bryce Jacobson. Applications must include, at a minimum:

- Clear goal statement;

- Clear justification of need;
- Specific dollar amount requested;
- Project time line;
- Estimate of the amount of building materials that will be salvaged as a result of the grant funding;
- Summary of the overall project describing specifically how the grant funds will be used;
- A summary of the matching funds being provided by the applicant or other parties;
- Completed budget forms (included with this application); and
- Description of intended results and how the results will be measured.

See page 6 for a copy of the complete grant application form.

Definitions

Used building materials or reusable building materials:

Includes reusable commercial and residential building materials including, but not limited to windows, doors, millwork, architectural ornamentation, lumber, plywood, flooring, cabinets, plumbing and electrical fixtures and other previously used building materials that are bound for reuse markets. This definition excludes brick, concrete, rock, boulders, asphalt, clay roofing tile, concrete block, gravel, sand, soil, organics, metal piping, steel and other materials bound for scrap/recycling markets.

Eligibility criteria. Applicants must:

- Own or operate a for profit, non-profit or government organization that currently deconstructs, purchases, transports, accepts from the public, sells or exports at least 200 tons annually of salvaged or used building materials.
- Comply with all rules and regulations set forth by Metro Code, Solid Waste & Recycling Department's Enforcement Division, the cities and or counties you plan on operating in and the Oregon Department of Environmental Quality.

Please note: Grant funds may only be utilized to support collection, processing, or retailing of used building materials collected from within the Metro region. If an applicant also utilizes material derived from sources outside the region, Metro reserves the right to reduce grant funding awards proportionately.

Required Match

Applicants are required to provide at least a dollar-for-dollar match to funds requested to demonstrate a serious commitment to the reuse of building materials. This match may be dollars, materials, in-kind services or a combination of these elements. The Construction & Demolition (C&D) work group reserves the right to determine the suitability and value of proposed matches and to request an additional or revised match that, in the work group's sole discretion, equals at least 100% of the grant funds requested.

Evaluation and Award

Applications will be reviewed and evaluated by a grant evaluation committee comprised of Metro staff and the C&D work group. Evaluation will be based on the criteria listed below. There is no minimum or maximum number of grants to be awarded. This is a competitive process; therefore the likelihood of award is based on the number and quality of eligible applications received and the dollar amounts

requested. Metro and the C&D work group reserve the right to deny any requests and to provide partial funding if the demand for the funds requires such an action.

Incomplete applications will not be considered.

Evaluation criteria

50 points: Number of additional tons of salvaged or used building materials that the applicant forecasts will be reused annually as a direct result of the grant funding.

20 points: Applicant's level of experience and expertise in deconstructing, purchasing, transporting, accepting from the public, selling or exporting salvaged or used building materials.

20 points: Applicant demonstrates a commitment to continuing the project after the grant term has ended.

10 points: Proposed project supports the goals of the Regional Solid Waste Management Plan

100 points total

Reporting

A successful grant recipient will be required to submit four reports over the course of a one-year period: three short quarterly progress reports, as well as a final report due 30 days after completion of the project. Reports must demonstrate how the project has met the stated criteria and impacts on the reuse of building materials in the region. Reporting forms detailing the requirements will be supplied by Metro to the successful applicant(s).

Information Release and Confidentiality

All applicants are hereby advised that Metro may solicit and secure background information based on the information, including references, provided in response to this grant offering. By submitting a request for funding, all applicants agree to such activity and release Metro from all claims arising from such activity.

This paragraph shall apply to information that the applicant is submitting to Metro which applicant considers to be confidential and proprietary and which applicant does not want Metro to disclose to third parties. Such confidential information shall be separately contained in a sealed envelope, clearly and prominently marked "confidential information" and bearing the title and date of this grant program application, and the sealed envelope shall be attached to the rest of the application materials. To the extent permitted by law, Metro will not disclose such properly identified confidential information to any person outside Metro and the eight-member Construction and Demolition Work Team. However, applicants should be aware that Oregon Law (ORS Chapter 192) requires public disclosure of most records deemed to be "public records." Metro cannot, therefore, guarantee to protect the confidentiality of any records submitted to Metro, even if the applicant believes them exempt from disclosure.

Questions?

Inquiries about this program may be directed to:

Bryce Jacobson

Metro – Solid Waste and Recycling Department

600 NE Grand Avenue

Portland, OR 97232

(503) 797-1663 phone

(503) 797-1795 fax

Jacobsonb@metro.dst.or.us

Application Form
Used Building Material Salvage and Deconstruction Infrastructure Grant Program

FY2002-03

A. Applicant Profile

Legal name of business, organization, or individual: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

Phone: () _____ Fax: () _____ E-Mail: _____

Federal Tax ID No.: _____

Name and title of project manager: _____

Mailing address (if different than above): _____

City: _____ State: _____ Zip: _____

Phone: () _____ Fax: () _____

Type of business organization (check one, if applicable):

- Corporation
- Government agency
- Limited Liability Corporation (LLC)
- Partnership
- Sole proprietorship
- School District
- S-Corporation
- 501(c3) Not-for-Profit
- Other _____

Please provide a copy of your company's business plan with this application. If an existing business plan is not available, please provide a simple statement that includes a description of your business or organization, financial data, and supporting documents. For additional guidance, basic business plan outlines are available at <http://www.sba.gov>.

Amount of grant funding requested: _____

Other Organizations/Companies involved in this project: _____

B. Project Information:

1. All applicants please answer the following:

- a) Describe the overall project you need these grant funds to support and include all companies and organizations involved and their respective roles. Be specific and include a clear justification of need and how the grant funds will be used within the overall project.
- b) What is the estimated time line for completing the grant-funded portion this project?
- c) What are the intended results of your project and how will it help the region increase the reuse of building materials?
- d) From what geographic area and from what types of C&D generators will you source material? What percentage of your collected material will be derived from inside the Metro region?
- e) How will you measure progress or determine project success?
- f) Describe how your project will further the RSWMP goals listed on page two of the grant announcement.

2. For applicants requesting grants for equipment:

- a) Describe the equipment you will purchase. Include a schematic drawing or specific product information with the name and address of the equipment manufacturer as an attachment to this application.
- b) Describe how the equipment will reduce the quantities of mixed dry wastes or reusable building materials entering the landfill, the various end-products it will produce (in what ratio), and your intended market for the end products.
- c) Include information about your current operational capacity and how this new equipment will affect your reusable building material capacity over the next three years.
- d) Who will operate and maintain the equipment?

3. For applicants requesting grants for facility upgrades and site improvements:

- a) Describe the upgrade or improvement and how it will fit with your existing reusable building material handling system. Include specific information about the type and estimated cost of these upgrades (e.g., permits, paving, drainage, buildings, enclosures, etc.) as an attachment to this application.
- b) What is your estimated total reusable building materials capacity during your first, second and third year of operation? What assumptions are these projections based upon?
- c) How will the upgrades you propose affect the quantities of reusable building materials that are received and sorted or handled at your facility?

B. Financial Information:

1. Describe in detail the kind and value of match your organization will provide to the funds supplied by this grant.
(A match includes cash or in-kind contributions. In-kind contributions should be valued using a defensible method. For example, donated supplies should be assigned a reasonable value not to exceed lowest fair market value.)
2. What other sources of financing have you secured for this project? Please include contact information for other financial sponsors.

D. Applicant Disclosure Information:

1. List the names and addresses of all concerns that are parent companies, subsidiaries or affiliates of the company.
2. Year company was established _____

If a corporation, indicate state in which incorporated and year of incorporation.
3. Year present management assumed control of business _____
4. Are the company or its principals presently involved in any pending or threatened litigation which could have a material adverse effect on the company's and/or the principals' financial condition?

No _____ Yes _____ (if Yes, explain)
5. Has the company or its principals ever been involved in bankruptcy, creditor's rights, or receivership proceedings or sought protection from creditors?

No _____ Yes _____ (if Yes, explain)
6. Has management or any principal stockholder of the company been convicted of any felony?

No _____ Yes _____ (if Yes, explain)
7. Has the company or any principal been under indictment or investigation by a public agency for a violation of a state or federal statute?

No _____ Yes _____ (if Yes, explain)
8. Is the company currently in compliance with all local, state and federal permit and zoning requirements?
Yes _____ No _____ (if No, explain)
9. Are there currently any unpaid liens or judgments filed against the company or its principals?

No _____ Yes _____ (if Yes, explain)

E. Project Budget:

All applicants are required to complete the project portion of this application. Any areas which do not pertain to applicant’s project may be marked “N/A”.

1. Professional Services: (consultants, contractors, etc.) Be sure to total grant funds requested and matching resources.

Consultant or Contractor	Hourly Rate	Est. Hours to be Spent on Project	Grant Funds Requested	Matching Resources*	Total Costs
1.					
2.					
3.					
4.					
5.					
6.					
SUBTOTAL					

2. Capital Outlay: List all items of equipment, land and structures and items pertaining to them, to be purchased as part of this project.

List Capital Outlay Items	Grant Funds Requested	Matching Resources	Total Costs
1.			
2.			
3.			
4.			
5.			
6.			
SUBTOTAL			

3. Project Budget Summary - Fill in all applicable spaces, making sure to total grant funds, matching funds, and total project cost.

Project Budget and Summary	Grant Funds Requested	Matching Resources	Total Costs
A. Professional Services			
B. Capital Outlay			
C. Total Grant Funds Requested			
D. Total Matching Resources Committed to the Project			
E. Total Project Cost			

**Matching Resources include cash or in-kind contributions. "In-kind contributions" should be valued using a defensible method. For example, donated supplies should be assigned a reasonable value not to exceed lowest fair market value.*

2. Project Timeline: Please make sure that all major activities required for project completion are identified on this form. Assume that grant funds will be available on July 1, 2003.

Planned Project Beginning Date: _____ **Planned Project Ending Date:** _____

Task or Activity	Beginning Date for Each Task or Activity	Ending Date for Each Task or Activity	Person/Group Responsible for Completion

**Completed application forms and required attachments are due to Metro
no later than 4:00 PM, June 2, 2003**

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STAFF REPORT

IN CONSIDERATION OF RESOLUTION NO. 03-3315A, FOR THE PURPOSE OF AUTHORIZING METRO TO ISSUE A CALL FOR GRANTS AND AWARD GRANT FUNDING FOR CONSTRUCTION AND DEMOLITION DEBRIS POST-COLLECTION RECOVERY AND USED BUILDING MATERIAL SALVAGE INFRASTRUCTURE.

Date: March 28, 2003

Prepared by: Bryce Jacobson

BACKGROUND

In May 2000, Council adopted a Partnership Plan for Waste Reduction, which included a C&D Work Plan designed to increase the salvage, recycling and recovery of construction and demolition (C&D) debris from the waste stream. This plan takes a two-track approach to C&D debris management.

Consistent with recommended practices of the Regional Solid Waste Management Plan (RSWMP), the first track emphasizes waste prevention through building material salvage and deconstruction. This is considered to be a least-cost approach, because preventing the generation of the material in the first place removes the need to manage it as a waste product. A fledgling network of used building material retailers and deconstruction contractors is developing in the region.

The second track focuses on developing effective C&D debris recycling and processing programs for the debris that is not a candidate for deconstruction and salvage.

Metro has established a goal of recovering 35,000 additional tons per year of C&D material from the waste stream by 2005. According to the 2000 DEQ Waste Composition Study, the region disposed of an estimated 160,000 tons of C&D debris in 2001. Approximately 50% of this debris is salvageable or recoverable.

In order to help reach the region's recovery goal, Metro is proposing the creation of a one-time grant program to assist with the development of collection, processing or retailing capacity for reused building materials.

Businesses, governments and not-for-profit entities are eligible for this grant program. To ensure a serious commitment to developing an effective and permanent used building material salvage system, grant applicants are required to match grant funds dollar for dollar.

BUDGET

The used building material salvage and deconstruction grant program is budgeted for \$100,000. (The total FY 2002-03 budget for contracted professional services for research and pilot programs for C&D is \$200,000.)

Several barriers constrain the expansion of used building material salvage. The largest barrier is that the organizations involved in this activity lack the necessary collection, distribution and retail infrastructure to bring these materials back into the market place.

The Department believes that a one-time grant program could create needed incentives for the region's used building material salvagers to make an investment in facility improvements and technology that will create a long-term increase in the salvage of reusable building materials.

The C&D Work Group recommends the partial reallocation of the funding previously earmarked for Pilot Programs for C&D Processing and Disposal Requirements and Incentives into the grant program presented in this staff report and resolution.

Previous Council Review: the Metro Regional C&D Work Plan and budget has been previously reviewed and approved by the Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)."

ANALYSIS/INFORMATION

1. Known Opposition

None.

2. Legal Antecedents

Metro developed a Regional Solid Waste Management Plan (a functional plan) adopted by Council via Ordinance 95-624, For the Purpose of Adopting the Regional Solid Waste Management Plan. The Metro Regional C&D Work Plan has been previously reviewed and approved by the Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)."

3. Anticipated Effects

This Metro grant program is designed to leverage the development of C&D post-collection recovery and building material salvage and deconstruction capacity in the region. It is expected to promote business and employment growth and to help stimulate development of C&D reuse and recovery programs throughout the region.

4. Budget Impacts

The used building material salvage and deconstruction grant program is budgeted for \$100,000. (The total FY 2002-03 budget for contracted professional services for research and pilot programs for C&D is \$200,000.)

RECOMMENDED ACTION

The Chief Operating Officer recommends approval of Resolution No. 03-3315A.

STAFF REPORT

IN CONSIDERATION OF RESOLUTION NO. 03-3315A, FOR THE PURPOSE OF AUTHORIZING METRO TO ISSUE A CALL FOR GRANTS AND AWARD GRANT FUNDING FOR CONSTRUCTION AND DEMOLITION DEBRIS POST-COLLECTION RECOVERY AND USED BUILDING MATERIAL SALVAGE INFRASTRUCTURE.

Date: March 28, 2003

Prepared by: Bryce Jacobson

BACKGROUND

In May 2000, Council adopted a Partnership Plan for Waste Reduction, which included a C&D Work Plan designed to increase the salvage, recycling and recovery of construction and demolition (C&D) debris from the waste stream. This plan takes a two-track approach to C&D debris management.

Consistent with recommended practices of the Regional Solid Waste Management Plan (RSWMP), the first track emphasizes waste prevention through building material salvage and deconstruction. This is considered to be a least-cost approach, because preventing the generation of the material in the first place removes the need to manage it as a waste product. A fledgling network of used building material retailers and deconstruction contractors is developing in the region.

The second track focuses on developing effective C&D debris recycling and processing programs for the debris that is not a candidate for deconstruction and salvage. ~~Post-collection recovery is the preferred option by most C&D generators. The RSWMP recommends post-collection recovery over source-separated recycling for managing C&D waste.~~

Metro has established a goal of recovering 35,000 additional tons per year of C&D material from the waste stream by 2005. ~~The majority of these tons are expected to come from an increase in post-collection recovery activity.~~ According to the 2000 DEQ Waste Composition Study, the region disposed of an estimated 160,000 tons of C&D debris in 2001. Approximately 50% of this debris is salvageable or recoverable.

In order to help reach the region's recovery goal, Metro is proposing the creation of a one-time grant program to assist with the development of two distinct types of C&D debris-related collection, processing or retailing capacity for reused building materials; the processing and post-collection recovery of mixed C&D debris, and the reuse of building materials through salvage and deconstruction.

Businesses, governments and not-for-profit entities are eligible for this grant program. To ensure a serious commitment to developing an effective and permanent used building material C&D recovery and salvage system, grant applicants are required to match grant funds dollar for dollar.

BUDGET

The used building material salvage and deconstruction grant program is budgeted for \$100,000. (The total FY 2002-03 budget for contracted professional services for research and pilot programs for C&D is \$200,000.) Metro has \$200,000 in the FY 2002-03 budget for contracted professional services for research and pilot programs for C&D processing and disposal requirements and incentives.

~~The C&D Work Group conducted research and interviewed stakeholders about different ways to improve the region's C&D post-collection recovery and building material salvage programs. One of the primary barriers to increased recovery of mixed dry C&D debris is the limited post-collection recovery capacity at solid waste facilities that accept mixed dry Metro region waste; as a result, recoverable C&D materials are still being landfilled.~~

Several barriers constrain the expansion of used building material salvage. The largest barrier is that the organizations involved in this activity lack the necessary collection, distribution and retail infrastructure to bring these materials back into the market place.

~~The Department Work Group believes that a one-time grant program could create needed incentives for solid waste facilities and the region's used building material salvagers to make an investment in facility improvements and technology that will create a long-term increase in recovery levels, promote the recovery of new materials and increase in the salvage of reusable building materials.~~

The C&D Work Group recommends the partial reallocation of the funding previously earmarked for Pilot Programs for C&D Processing and Disposal Requirements and Incentives into the two-tiered C&D infrastructure grant program presented in this staff report and resolution.

Previous Council Review: the Metro Regional C&D Work Plan and budget has been previously reviewed and approved by the Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)."

ANALYSIS/INFORMATION

1. Known Opposition

None.

2. Legal Antecedents

Metro developed a Regional Solid Waste Management Plan (a functional plan) adopted by Council via Ordinance 95-624, For the Purpose of Adopting the Regional Solid Waste Management Plan. The Metro Regional C&D Work Plan has been previously reviewed and approved by the Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)."

3. Anticipated Effects

This Metro grant program is designed to leverage the development of C&D post-collection recovery and building material salvage and deconstruction capacity in the region. It is expected to promote business and employment growth and to help stimulate development of C&D reuse and recovery programs throughout the region.

4. Budget Impacts

The used building material salvage and deconstruction grant program is budgeted for \$100,000. (The total FY 2002-03 budget for contracted professional services for research and pilot programs for C&D is \$200,000.)A total of \$200,000 has been approved for this program in the FY 2002-03 budget under contracted professional services, which staff propose using for grants.

RECOMMENDED ACTION

The Chief Operating Officer recommends approval of Resolution No. 03-3315A.

BEFORE THE METRO COUNCIL

FOR THE PURPOSE OF AUTHORIZING METRO)	RESOLUTION NO. 03-3315
TO ISSUE A CALL FOR GRANTS AND AWARD)	
GRANT FUNDING FOR CONSTRUCTION AND)	Introduced by: Mark Williams,
DEMOLITION DEBRIS POST-COLLECTION)	Interim Chief Operating Officer, with
RECOVERY AND USED BUILDING MATERIAL)	the concurrence of David Bragdon,
SALVAGE INFRASTRUCTURE)	Council President

WHEREAS, Metro is obligated under the Regional Solid Waste Management Plan to increase the quantity of materials that are salvaged, recycled and recovered in the region; and,

WHEREAS, Metro, to meet its goal of 56% recovery by 2005, has established a goal of recovering 35,000 additional tons per year of construction and demolition debris; and,

WHEREAS, Metro and an intergovernmental work group developed a Construction and Demolition (C&D) Debris Work Plan designed to increase the salvage and recycling of construction and demolition debris; and,

WHEREAS, that Plan was adopted by the Metro Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)"; and,

WHEREAS, post-collection recovery of mixed C&D debris at solid waste facilities is not currently at a level that will result in recovering 35,000 additional tons per year; and,

WHEREAS the region's used building material industry has the potential to prevent a large portion of C&D debris from becoming part of the solid waste stream; and,

WHEREAS, the staff of the Solid Waste and Recycling Department have concluded that money budgeted for personal services contracts to study alternative approaches for increasing regional recovery of construction and demolition debris may be better spent by providing direct, infrastructure-development grants to (a) solid waste facilities that accept mixed, non-putrescible ("dry") waste generated in the Metro region, and (b) entities involved in the collection, distribution, or sale of used building materials; and,

WHEREAS, this one-time grant program will provide needed capital funding for solid waste facilities and those involved in used building material salvage to increase their recovery of mixed dry C&D debris and increase the salvage of reusable building materials; and,

WHEREAS, under Metro Code section 2.04.054(b)(12), Metro may use a competitive request for proposals process to solicit grant applications and select grant recipients; and,

WHEREAS, attached as Exhibits A and B to this resolution is a competitive request for proposals for infrastructure-development grant funding to increase the reuse and recycling of construction and demolition debris, now therefore,

BE IT RESOLVED, that the Metro Council authorizes the Chief Operating Officer to (a) issue a request for proposals for grant funding in a form substantially similar to Exhibits A and B attached to this

resolution, and (b) award up to \$200,000 in grant funding to the grant applicants that the Chief Operating Officer determines will best encourage the reuse and recycling of construction and demolition debris.

ADOPTED by the Metro Council this _____ day of _____, 2003.

David Bragdon, Council President

Approved as to Form:

Daniel B. Cooper, Metro Attorney

BJ:clk/mca/gbc
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FACT SHEET
Construction and Demolition Debris
Salvage and Recovery Infrastructure Grant Program
April 2003

Need/Justification

- Objective 2.2 of the Solid Waste and Recycling Department's strategic plan states that we should "target remaining sources of greatest material recovery potential to achieve 2005 recovery goals."
- The Metro region currently recovers 54.8% of the waste generated. To reach our state-mandated recovery goal of 62% in 2005, we must recover an additional 35,000 tons of construction and demolition debris.
- Over 160,000 tons of construction and demolition debris was disposed of in the Metro region in 2001. This represents 15% of the region's disposed wastestream. Over 50% of this disposed material was composed of recoverable materials like wood, cardboard and metal.
- Over 50% of the C&D debris generated is from demolition activities. Most of this debris is reusable if salvage and deconstruction techniques were employed during demolition and the markets for used building materials were more developed.
- To advance this effort, the Metro Council adopted three waste reduction initiatives in May 2000, one of which is Construction and Demolition Debris Waste Reduction Initiative, which has a two-track approach to recovering and reusing construction and demolition debris: 1) Waste prevention, salvage and reuse; and 2) Recycling and processing.
- Education plays an important role in both tracks of the C&D Waste Reduction Initiative. Partnerships with construction industry associations have created a greater awareness and understanding of salvage and recycling among the construction industry, but these efforts alone are unlikely to deliver the needed 35,000 tons.
- Funds have been budgeted for C&D processing incentives in the 2002-03 budget, and the C&D waste reduction work group is defining this to include not only the need for more effective post-collection recovery of C&D debris, but also the need for capacity to process and resell used building materials.

Grant Program

- The two-tiered grant program is designed to assist both the post-collection recovery facilities and the used building material industry with long-term investment in the infrastructure needed to process, recover and reuse more of the C&D debris currently being disposed.
 - First tier funds will assist solid waste facilities to invest in the infrastructure to recover more of the C&D they process. Eligible activities include facility upgrades, site improvements or equipment purchases to accommodate higher recovery levels from mixed dry waste generated in the Metro region. Most of the tonnage needed to meet the 2005 goal will be recovered through post-collection recovery.
 - Second tier funds will assist the region's fledgling salvage and deconstruction industry make long-term investments in the infrastructure needed to process and resell more of the reusable building materials coming from the region's demolition and renovation projects. Examples of potential projects include material storage racking, forklifts, storage/retail buildings, denailing tools and other tools that increase cleaning/processing speed or value of recovered building materials.
- Grants require a dollar-for-dollar match, which not only leverages private sector funds, but also demonstrates a serious long-term commitment on the part of the recipient.
- The Solid Waste and Recycling Department would like to release the call for grant applications to allow the allocation of funds by July 2003.
- By approving this resolution, council will empower the grant selection committee with the authority to enter into contract(s) to award the grants to the highest scoring applicants.
- A total of \$200,000 is available for these grants.

Fiscal Year 2002-2003
Construction and Demolition Debris
Salvage and Recovery Infrastructure Grant Program

Issued
April 29, 2003

Overview

The Metro region has established the goal of recovering at least 35,000 additional tons per year of construction and demolition (C&D) materials (e.g., wood, cardboard, metal, drywall, composition roofing) from the wastestream. In order to reach this goal, an intergovernmental work team has developed a three-year Construction & Demolition Debris Work Plan designed to guide the region toward increased salvage, recycling and recovery of C&D materials. One of the primary barriers to increased recovery of mixed dry C&D debris is the limited post-collection recovery capacity at solid waste facilities that accept mixed dry Metro region waste. One of the primary barriers to increased salvage of reusable building materials is the limited processing and storage capacity at the region's used building material retail facilities.

This one time two-tiered grant program is designed to provide funding to eligible organizations/firms to address one or both of these barriers. The C&D work group is placing the highest priority on funding projects that propose to increase dry waste post-collection recovery capacity at solid waste facilities and secondary priority on funding projects that propose to increase the processing and storage capacity at the regions used building material retail facilities. While placing a priority on post-collection recovery improvements over salvage and reuse may be contradictory to the DEQ solid waste hierarchy, DEQ data shows that most of the C&D waste is generated in a mixed format and this stream still contains large quantities of recoverable material that is being landfilled

Program Details

1. First tier funds are targeted toward assisting with facility upgrades, site improvements or equipment purchases to accommodate the processing of mixed dry waste generated in the Metro region. Examples of potential projects include: elevated hand-sorting belts and picking lines, a water bath system that takes what was previously seen as residual and further sorts it for increased recovery, magnetic separators, and screening equipment.

At Metro's discretion, eligible applications received for first tier projects will be evaluated and funded first and any remaining grant funding will be available for eligible second tier projects.

2. Second tier funds are targeted towards assisting with facility upgrades, site improvements or equipment purchases to increase the processing and storage capacity at the region's used building material retail facilities. Examples of potential projects include: material storage racking, forklifts, storage/retail buildings, denailing tools and other tools that increase the cleaning/processing speed or value of recovered building materials.

Relationship to the Regional Solid Waste Management Plan

The Regional Solid Waste Management Plan (RSWMP) gives the metropolitan region direction for meeting solid waste needs from 1995 through 2005. It serves as a regional framework for the coordination of solid waste practices, provides the region with a prioritized program of solid waste system improvements, establishes regional solid waste goals and objectives, and satisfies state law requiring a waste reduction plan for the Metro region.

The overall goal of the RSWMP is to “continue to develop and implement a solid waste management plan that achieves a solid waste system that is regionally balanced, environmentally sound, cost-effective, technologically feasible and acceptable to the public.”¹ The specific goals of the RSWMP are as follows:

- Goal 1** *The Environment.* Solid waste practices that are environmentally sound, conserve natural resources and achieve the maximum feasible reduction of solid waste being landfilled.
- Goal 2:** *Education.* Residents and businesses of the region are knowledgeable of the full range of waste management options, including waste prevention and reduction, that are available to them.
- Goal 3** *Economics.* The costs and benefits of the solid waste system as a whole are the basis for assessing and implementing alternative management practices.
- Goal 4:** *Adaptability.* A flexible solid waste system exists that can respond to rapidly changing technologies, fluctuating market conditions, major natural disasters and local conditions and needs.
- Goal 5:** *Performance.* The performance of the solid waste system will be compared to measurable benchmarks on an annual basis.
- Goal 6:** *Plan Consistency.* The RSWMP shall be integrated with other Metro, state, local government, community and planning efforts and shall be consistent with existing Metro policies for managing solid waste.
- Goal 7:** *Regional Waste Reduction Goal.* The regional waste reduction goal is to achieve at least 62% recovery by 2005.
- Goal 8:** *Opportunity to Reduce Waste.* Participation in waste prevention and recycling is convenient for all households and businesses in the urban portions of the region.
- Goal 9:** *Sustainability.* Secondary resource management is a self-sustaining operation.
- Goal 10:** *Integration.* Develop an integrated system of waste reduction techniques with emphasis on source separation, not to preclude the need for other forms of recovery such as post-collection material recovery.

A successful applicant will provide sufficient detail to demonstrate that their approach to C&D debris recovery or used building material salvage reflects the region’s Regional Solid Waste Management Plan goals.

Funds Available:

There is a total of \$200,000 available for these grants.

¹ Regional Solid Waste Management Plan, p.5-3.

Project Timeline, Submittals and Criteria

Applicants interested in this program must complete and submit the enclosed application form with all required attachments no later than **4:00 PM Tuesday, May 20, 2003**. The grant evaluation, award and reporting process will follow the timeline listed below:

Task	Date
Applications Due	4:00 PM, May 20, 2003
Evaluation committee decides on winner(s)	May 27, 2003
Grant contracts prepared	June 6, 2003
Grant funds distributed	July 31, 2003
First quarterly report due	September 30, 2003
Second quarterly report due	December 31, 2003
Third quarterly report due	April 30, 2004
Final project report due	June 30, 2004

Completed applications must be delivered to Metro, Solid Waste & Recycling Department, 600 NE Grand Avenue, Portland, OR 97232, attention: Bryce Jacobson. Applications must include, at a minimum:

- Clear goal statement;
- Clear justification of need;
- Specific dollar amount requested;
- Project time line;
- Estimate of the amount of additional recyclable material that will be recovered from mixed dry waste or building materials that will be salvaged as a result of the grant funding;
- Summary of the overall project describing specifically how the grant funds will be used;
- A summary of the matching funds being provided by the applicant or other parties;
- Completed budget forms (included with this application); and
- Description of intended results and how the results will be measured.

See page 6 for a copy of the complete grant application form.

Definitions

Used building materials or reusable building materials:

Includes reusable commercial and residential building materials including, but not limited to; windows, doors, millwork, architectural ornamentation lumber, plywood, flooring, cabinets, plumbing and electrical fixtures and other previously used building materials. This definition excludes brick, concrete, rock, boulders, asphalt, clay roofing tile, concrete block, gravel, sand, soil, organics and metal piping destined for scrap markets.

Post collection recovery:

The process of sorting through a mixed load of dry waste for the purpose of recovering recyclables which count towards the Metro region's recovery rate. This list can include, but is not limited to; wood, cardboard, metal, yard debris, roofing, plastic, drywall, carpet pad, carpet, and insulation. For the purposes of this grant proposal, any additional tons of brick, concrete, rock, boulders, asphalt, clay

roofing tile, ceramic insulators, concrete block, gravel, sand and soil that are expected to be recovered as a result of grant funding will not be considered in the evaluation of proposals.

Eligibility criteria for Tier 1. Applicants must:

- Own or operate a solid waste facility that currently accepts at least 10,000 tons annually of mixed dry waste generated in the Metro region.
- Own or operate a solid waste facility that currently holds a Metro franchise or a Designated Facility Agreement (DFA) that allows post-collection recovery activities to be performed on-site.
- Comply with all rules and regulations set forth by Metro Code, Solid Waste & Recycling's Enforcement Division, the cities and or counties you plan on operating in and the Oregon Department of Environmental Quality.

Eligibility criteria for Tier 2. Applicants must:

- Own or operate a for profit, non-profit or government organization that currently deconstructs, purchases, transports, accepts from the public, sells or exports at least 200 tons annually of salvaged or used building materials.
- Comply with all rules and regulations set forth by Metro Code, Solid Waste & Recycling's Enforcement Division, the cities and or counties you plan on operating in and the Oregon Department of Environmental Quality.

Please note: Grant funds may only be utilized to support handling, management and/or processing of C&D debris and used building materials collected from within the Metro region. If an applicant also utilizes material derived from sources outside the region, Metro reserves the right to reduce grant funding awards proportionately.

Required Match

Applicants are required to provide at least a dollar-for-dollar match to funds requested to demonstrate a serious commitment to the recovery of mixed dry waste or the reuse of building materials. This match may be dollars, materials, in-kind services or a combination of these elements. The Construction & Demolition (C&D) work group reserves the right to determine the suitability and value of proposed matches and to request an additional or revised match that, in the Team's sole discretion, equals at least 100% of the grant funds requested.

Evaluation and Award

Applications will be reviewed and evaluated by a grant evaluation committee comprised of Metro staff and the C&D work group. Evaluation will be based on the criteria listed below. The C&D work group is placing the highest priority on funding projects that propose to increase dry waste post-collection recovery capacity at solid waste facilities (tier 1) and secondary priority on funding projects that propose to increase the processing and storage capacity at the regions used building material retail facilities (tier 2). There is no minimum or maximum number of grants to be awarded. This is a competitive process; therefore the likelihood of award is based on the number and quality of eligible applications received and the dollar amounts requested. Metro and the C&D work group reserve the right to deny any requests and to provide partial funding if the demand for the funds requires such an action.

Incomplete applications will not be considered.

Tier 1 Evaluation criteria

50 points: Number of additional tons of mixed dry waste that the applicant forecasts will be recovered annually as a direct result of the grant funding.

20 points: Applicants level of experience and expertise in planning, building and operating post-collection recovery facilities for mixed dry waste.

20 points: Applicant demonstrates a commitment to continuing the project after the grant term has ended.

10 points: Proposed project supports the goals of the Regional Solid Waste Management Plan

100 points total

Tier 2 Evaluation criteria

50 points: Number of additional tons of salvaged or used building materials that the applicant forecasts will be reused annually as a direct result of the grant funding.

20 points: Applicants level of experience and expertise in deconstructing, purchasing, transporting, accepting from the public, selling or exporting salvaged or used building materials.

20 points: Applicant demonstrates a commitment to continuing the project after the grant term has ended.

10 points: Proposed project supports the goals of the Regional Solid Waste Management Plan

100 points total

Reporting

A successful grant recipient will be required to submit four reports over the course of a one-year period: three short quarterly progress reports, as well as a final report due 30 days after completion of the project. Reports must demonstrate how the project has met the stated criteria and impacts on the recovery of mixed dry waste or the reuse of building materials in the region. Reporting forms detailing the requirements will be supplied by Metro to the successful applicant(s).

Information Release and Confidentiality

All applicants are hereby advised that Metro may solicit and secure background information based on the information, including references, provided in response to this grant offering. By submitting a request for funding, all applicants agree to such activity and release Metro from all claims arising from such activity.

This paragraph shall apply to information that the applicant is submitting to Metro which applicant considers to be confidential and proprietary and which applicant does not want Metro to disclose to third parties. Such confidential information shall be separately contained in a sealed envelope, clearly and prominently marked "confidential information" and bearing the title and date of this grant program application, and the sealed envelope shall be attached to the rest of the application materials. To the extent permitted by law, Metro will not disclose such properly identified confidential information to any person outside Metro and the eight-member Construction and Demolition Work Team. However, applicants should be aware that Oregon Law (ORS Chapter 192) requires public disclosure of most records deemed to be "public records." Metro cannot, therefore, guarantee to protect the confidentiality of any records submitted to Metro, even if the applicant believes them exempt from disclosure.

Questions?

Inquiries about this program may be directed to:

Bryce Jacobson

Metro – Solid Waste and Recycling Department

600 NE Grand Avenue

Portland, OR 97232

(503) 797-1663 phone

(503) 797-1795 fax

Jacobsonb@metro.dst.or.us

Application Form
Construction and Demolition Debris
Salvage and Recovery Infrastructure Grant Program

FY2002-03

A. Applicant Profile

Legal name of business, organization, or individual: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

Phone: () _____ Fax: () _____ E-Mail: _____

Federal Tax ID No.: _____

Name and title of project manager: _____

Mailing address (if different than above): _____

City: _____ State: _____ Zip: _____

Phone: () _____ Fax: () _____

Type of business organization (check one, if applicable):

- Corporation
- Government agency
- Limited Liability Corporation (LLC)
- Partnership
- Sole proprietorship
- School District
- S-Corporation
- 501(c3) Not-for-Profit
- Other _____

Please provide a copy of your company's business plan with this application. If an existing business plan is not available, please provide a simple statement that includes a description of your business or organization, financial data, and supporting documents. For additional guidance, basic business plan outlines are available at <http://www.sba.gov>.

Amount of grant funding requested: _____

Other Organizations/Companies involved in this project: _____

B. Project Information:

1. All applicants please answer the following:

- a) Describe the overall project you need these grant funds to support and include all companies and organizations involved and their respective roles. Be specific and include a clear justification of need and how the grant funds will be used within the overall project.
- b) What is the estimated time line for completing the grant-funded portion this project?
- c) What are the intended results of your project and how will it help the region increase recovery from mixed dry waste or the reuse of building materials?
- d) From what geographic area and from what types of C&D generators will you source material? What percentage of your collected material will be derived from inside the Metro region?
- e) How will you measure progress or determine project success?
- f) Describe how your project will further the RSWMP goals listed on page two of the grant announcement.

2. For applicants requesting grants for equipment:

- a) Describe the equipment you will purchase. Include a schematic drawing or specific product information with the name and address of the equipment manufacturer as an attachment to this application.
- b) Describe how the equipment will reduce the quantities of mixed dry wastes or reusable building materials entering the landfill, the various end-products it will produce (in what ratio), and your intended market for the end products.
- c) Include information about your current operational capacity and how this new equipment will affect your mixed dry waste recovery capacity or reusable building material capacity over the next three years.
- d) Who will operate and maintain the equipment?

3. For applicants requesting grants for facility upgrades and site improvements:

- a) Describe the upgrade or improvement and how it will fit with your existing mixed dry waste recovery or reusable building material handling system. Include specific information about the type and estimated cost of these upgrades (e.g., permits, paving, drainage, buildings, enclosures, etc.) as an attachment to this application.
- b) What is your estimated total mixed dry waste recovery or reusable building materials capacity during your first, second and third year of operation? What assumptions are these projections based upon?

- c) How will the upgrades you propose affect the quantities of mixed dry waste or reusable building materials that are received and sorted or handled at your facility?

B. Financial Information:

1. Describe in detail the kind and value of match your organization will provide to the funds supplied by this grant.
(A match includes cash or in-kind contributions. In-kind contributions should be valued using a defensible method. For example, donated supplies should be assigned a reasonable value not to exceed lowest fair market value.)
2. What other sources of financing have you secured for this project? Please include contact information for other financial sponsors.

D. Applicant Disclosure Information:

1. List the names and addresses of all concerns that are parent companies, subsidiaries or affiliates of the company.
2. Year company was established _____
If a corporation, indicate state in which incorporated and year of incorporation.
3. Year present management assumed control of business _____
4. Are the company or its principals presently involved in any pending or threatened litigation which could have a material adverse effect on the company's and/or the principals' financial condition?
No _____ Yes _____ (if Yes, explain)
5. Has the company or its principals ever been involved in bankruptcy, creditor's rights, or receivership proceedings or sought protection from creditors?
No _____ Yes _____ (if Yes, explain)
6. Has management or any principal stockholder of the company been convicted of any felony?
No _____ Yes _____ (if Yes, explain)
7. Has the company or any principal been under indictment or investigation by a public agency for a violation of a state or federal statute?
No _____ Yes _____ (if Yes, explain)
8. Is the company currently in compliance with all local, state and federal permit and zoning requirements?
Yes _____ No _____ (if No, explain)

9. Are there currently any unpaid liens or judgments filed against the company or its principals?

No _____ Yes _____ (if Yes, explain)

E. Project Budget:

All applicants are required to complete the project portion of this application. Any areas which do not pertain to applicant's project may be marked "N/A".

1. **Professional Services:** (consultants, contractors, etc.) Be sure to total grant funds requested and matching resources.

Consultant or Contractor	Hourly Rate	Est. Hours to be Spent on Project	Grant Funds Requested	Matching Resources*	Total Costs
1.					
2.					
3.					
4.					
5.					
6.					
SUBTOTAL					

2. **Capital Outlay:** List all items of equipment, land and structures and items pertaining to them, to be purchased as part of this project.

List Capital Outlay Items	Grant Funds Requested	Matching Resources*	Total Costs
1.			
2.			
3.			
4.			
5.			
6.			
SUBTOTAL			

3. **Project Budget Summary** - Fill in all applicable spaces, making sure to total grant funds, matching funds, and total project cost.

Project Budget and Summary	Grant Funds Requested	Matching Resources*	Total Costs
A. Professional Services			
B. Capital Outlay			
C. Total Grant Funds Requested			
D. Total Matching Resources Committed to the Project			

E. Total Project Cost	
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**Matching Resources include cash or in-kind contributions. "In-kind contributions" should be valued using a defensible method. For example, donated supplies should be assigned a reasonable value not to exceed lowest fair market value.*

2. Project Timeline: Please make sure that all major activities required for project completion are identified on this form. Assume that grant funds will be available on July 1, 2003.

Planned Project Beginning Date: _____ **Planned Project Ending Date:** _____

Task or Activity	Beginning Date for Each Task or Activity	Ending Date for Each Task or Activity	Person/Group Responsible for Completion

**Completed application forms and required attachments are due to Metro
no later than 4:00 PM, May 20, 2003**

STAFF REPORT

IN CONSIDERATION OF RESOLUTION NO. 03-3315, FOR THE PURPOSE OF AUTHORIZING METRO TO ISSUE A CALL FOR GRANTS AND AWARD GRANT FUNDING FOR CONSTRUCTION AND DEMOLITION DEBRIS POST-COLLECTION RECOVERY AND USED BUILDING MATERIAL SALVAGE INFRASTRUCTURE.

Date: March 28, 2003

Prepared by: Bryce Jacobson

BACKGROUND

In May 2000, Council adopted a Partnership Plan for Waste Reduction, which included a C&D Work Plan designed to increase the salvage, recycling and recovery of construction and demolition (C&D) debris from the waste stream. This plan takes a two-track approach to C&D debris management.

Consistent with recommended practices of the Regional Solid Waste Management Plan (RSWMP), the first track emphasizes waste prevention through building material salvage and deconstruction. This is considered to be a least-cost approach, because preventing the generation of the material in the first place removes the need to manage it as a waste product. A fledgling network of used building material retailers and deconstruction contractors is developing in the region.

The second track focuses on developing effective C&D debris recycling and processing programs for the debris that is not a candidate for deconstruction and salvage. Post-collection recovery is the preferred option by most C&D generators. The RSWMP recommends post-collection recovery over source-separated recycling for managing C&D waste.

Metro has established a goal of recovering 35,000 additional tons per year of C&D material from the waste stream by 2005. The majority of these tons are expected to come from an increase in post-collection recovery activity. According to the 2000 DEQ Waste Composition Study, the region disposed of an estimated 160,000 tons of C&D debris in 2001. Approximately 50% of this debris is salvageable or recoverable.

In order to help reach the region's recovery goal, Metro is proposing the creation of a one-time grant program to assist with the development of two distinct types of C&D debris-related processing capacity: the processing and post-collection recovery of mixed C&D debris, and the reuse of building materials through salvage and deconstruction.

Businesses, governments and not-for-profit entities are eligible for this grant program. To ensure a serious commitment to developing an effective and permanent C&D recovery and salvage system, grant applicants are required to match grant funds dollar for dollar.

BUDGET

Metro has \$200,000 in the FY 2002-03 budget for contracted professional services for research and pilot programs for C&D processing and disposal requirements and incentives.

The C&D Work Group conducted research and interviewed stakeholders about different ways to improve the region's C&D post-collection recovery and building material salvage programs. One of the primary barriers to increased recovery of mixed dry C&D debris is the limited post-collection recovery capacity at solid waste facilities that accept mixed dry Metro region waste; as a result, recoverable C&D materials are still being landfilled.

Several barriers constrain the expansion of used building material salvage. The largest barrier is that the organizations involved in this activity lack the necessary collection, distribution and retail infrastructure to bring these materials back into the market place.

The Work Group believes that a one-time grant program could create needed incentives for solid waste facilities and the region's used building material salvagers to make an investment in facility improvements and technology that will create a long-term increase in recovery levels, promote the recovery of new materials and increase the salvage of reusable building materials.

The C&D Work Group recommends the reallocation of the funding previously earmarked for Pilot Programs for C&D Processing and Disposal Requirements and Incentives into the two-tiered C&D infrastructure grant program presented in this staff report and resolution.

Previous Council Review: the Metro Regional C&D Work Plan and budget has been previously reviewed and approved by the Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)."

ANALYSIS/INFORMATION

1. Known Opposition

None.

2. Legal Antecedents

Metro developed a Regional Solid Waste Management Plan (a functional plan) adopted by Council via Ordinance 95-624, For the Purpose of Adopting the Regional Solid Waste Management Plan. The Metro Regional C&D Work Plan has been previously reviewed and approved by the Council via Resolution No. 00-2940, "For the Purpose of Approving the Year 11 Partnership Plan for Waste Reduction (Fiscal Year 2000/01)."

3. Anticipated Effects

This Metro grant program is designed to leverage the development of C&D post-collection recovery and building material salvage and deconstruction capacity in the region. It is expected to promote business and employment growth and to help stimulate development of C&D reuse and recovery programs throughout the region.

4. Budget Impacts

A total of \$200,000 has been approved for this program in the FY 2002-03 budget under contracted professional services, which staff propose using for grants.

RECOMMENDED ACTION

The Chief Operating Officer recommends approval of Resolution No. 03-3315.

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