

BEFORE THE COUNCIL OF THE
METROPOLITAN SERVICE DISTRICT

FOR THE PURPOSE OF AUTHORIZING) RESOLUTION NO. 88-958
CHANGE ORDER NO. 6 TO THE CONTRACT)
WITH BROWNING-FERRIS INDUSTRIES TO) Introduced by Rena Cusma,
APPLY COMPOSTED YARD DEBRIS AS) Executive Officer
COVER AT THE ST. JOHNS LANDFILL)

WHEREAS, The use of composted yard debris has proven to be an exceptional soil amendment when used in landfill closure; and

WHEREAS, The Metropolitan Service District's St. Johns Landfill has nearly 50 acres of completed fill area to close in the summer of 1988; and

WHEREAS, Browning-Ferris Industries has submitted an acceptable price to purchase and manage the delivery and application of 55,000 cubic yards of the material; and

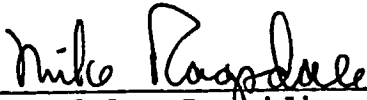
WHEREAS, A project of this scope should lend credibility to the commercial use of composted yard debris as an effective ground cover and soil amendment; and

WHEREAS, A pilot project in 1987 proved it is economically and aesthetically desirable; now, therefore,

BE IT RESOLVED,

That the Council of the Metropolitan Service District authorizes Change Order No. 6 to the St. Johns Landfill Operations Contract dated June 1985 to apply contractor purchased composted yard debris at the landfill.

ADOPTED by the Council of the Metropolitan Service District this 11th day of August, 1988.


Mike Ragsdale, Presiding Officer



GRANT/CONTRACT SUMMARY

METRO METROPOLITAN SERVICE DISTRICT

GRANT/CONTRACT NO. 85-8-881SW BUDGET CODE NO. 34 - 03 - 00 - 800 - 7500 - 32000

FUND: OPERATING DEPARTMENT: Solid Waste (IF MORE THAN ONE) _____

SOURCE CODE (IF REVENUE) _____

INSTRUCTIONS

- OBTAIN GRANT/CONTRACT NUMBER FROM CONTRACTS MANAGER. CONTRACT NUMBER SHOULD APPEAR ON THE SUMMARY FORM AND ALL COPIES OF THE CONTRACT.
- COMPLETE SUMMARY FORM.
- IF CONTRACT IS —
 - SOLE SOURCE, ATTACH MEMO DETAILING JUSTIFICATION.
 - UNDER \$2,500, ATTACH MEMO DETAILING NEED FOR CONTRACT AND CONTRACTOR'S CAPABILITIES, BIDS, ETC.
 - OVER \$2,500, ATTACH QUOTES, EVAL. FORM, NOTIFICATION OF REJECTION, ETC.
 - OVER \$50,000, ATTACH AGENDA MANAGEMENT SUMMARY FROM COUNCIL PACKET, BIDS, RFP, ETC.
- PROVIDE PACKET TO CONTRACTS MANAGER FOR PROCESSING

1. PURPOSE OF GRANT/CONTRACT Application of yard debris compost as soil cover
Change Order #6

2. TYPE OF EXPENSE PERSONAL SERVICES LABOR AND MATERIALS PROCUREMENT
 PASS THROUGH AGREEMENT INTER-GOVERNMENTAL AGREEMENT CONSTRUCTION
 OTHER

OR

TYPE OF REVENUE GRANT CONTRACT OTHER

3. TYPE OF ACTION CHANGE IN COST CHANGE IN WORK SCOPE
 CHANGE IN TIMING NEW CONTRACT

4. PARTIES Metro - Browning Ferris Industries

5. EFFECTIVE DATE August 1, 1988 TERMINATION DATE December 31, 1988
 (THIS IS A CHANGE FROM _____)

6. EXTENT OF TOTAL COMMITMENT:	ORIGINAL/NEW	\$ <u>13,236,367</u>
	PREV. AMEND	<u>293,474</u>
	THIS AMEND	<u>213,400</u>

TOTAL \$ _____

7. BUDGET INFORMATION

A. AMOUNT OF GRANT/CONTRACT TO BE SPENT IN FISCAL YEAR 1988 - 89 \$ 213,400

B. BUDGET LINE ITEM NAME Contractual Service AMOUNT APPROPRIATED FOR CONTRACT \$ _____

C. ESTIMATED TOTAL LINE ITEM APPROPRIATION REMAINING AS OF July 1, 1988 \$ 3,795,000

8. SUMMARY OF BIDS OR QUOTES (PLEASE INDICATE IF A MINORITY BUSINESS ENTERPRISE)

_____ SUBMITTED BY	\$ _____ AMOUNT	<input type="checkbox"/> MBE
_____ SUBMITTED BY	\$ _____ AMOUNT	<input type="checkbox"/> MBE
_____ SUBMITTED BY	\$ _____ AMOUNT	<input type="checkbox"/> MBE

9. NUMBER AND LOCATION OF ORIGINALS _____

10. A. APPROVED BY STATE/FEDERAL AGENCIES? YES NO NOT APPLICABLE
 B. IS THIS A DOT/UMTA/FHWA ASSISTED CONTRACT YES NO
11. IS CONTRACT OR SUBCONTRACT WITH A MINORITY BUSINESS? YES NO
 IF YES, WHICH JURISDICTION HAS AWARDED CERTIFICATION _____
12. WILL INSURANCE CERTIFICATE BE REQUIRED? YES NO
13. WERE BID AND PERFORMANCE BONDS SUBMITTED? YES NOT APPLICABLE
 TYPE OF BOND _____ AMOUNT \$ _____
 TYPE OF BOND _____ AMOUNT \$ _____
14. LIST OF KNOWN SUBCONTRACTORS (IF APPLICABLE)
- | | | |
|------------|---------------|------------------------------|
| NAME _____ | SERVICE _____ | <input type="checkbox"/> MBE |
| NAME _____ | SERVICE _____ | <input type="checkbox"/> MBE |
| NAME _____ | SERVICE _____ | <input type="checkbox"/> MBE |
| NAME _____ | SERVICE _____ | <input type="checkbox"/> MBE |
15. IF THE CONTRACT IS OVER \$10,000
 A. IS THE CONTRACTOR DOMICILED IN OR REGISTERED TO DO BUSINESS IN THE STATE OF OREGON?
 YES NO
- B. IF NO, HAS AN APPLICATION FOR FINAL PAYMENT RELEASE BEEN FORWARDED TO THE CONTRACTOR?
 YES DATE _____ INITIAL _____
16. COMMENTS:

GRANT/CONTRACT APPROVAL

INTERNAL REVIEW

CONTRACT REVIEW BOARD
(IF REQUIRED) DATE _____

COUNCIL REVIEW
(IF REQUIRED)

Grant for RD
 DEPARTMENT HEAD

1. _____
 COUNCILOR DATE

Donald R. Cox, Jr.
 FISCAL REVIEW 7/11/88

2. _____
 COUNCILOR

BUDGET REVIEW

3. _____
 COUNCILOR

LEGAL COUNSEL REVIEW AS NEEDED:

- A. DEVIATION TO CONTRACT FORM _____
- B. CONTRACTS OVER \$10,000 _____
- C. CONTRACTS BETWEEN GOVERNMENT AGENCIES _____

Attachment A

Scope of Work
BFI-Metro Change Order No. 6

1. Contractor shall purchase, transport and apply approximately 55,000 cubic yards of composted yard debris to the area of the St. Johns Landfill closed during May through October of 1988. The Contractor will be responsible for even distribution of the material and for coordinating the delivery and movement of the yard debris.
2. Contractor shall apply the composted yard debris in one four-to-six inch lift on top of the 12-inch layer of intermediate cover.
3. Contractor shall submit a billing to Metro for the material purchased and applied on or before November 30, 1988. Metro will record the volume and weigh all loads of compost entering the facility. The Contractor shall submit copies of his receipts for the purchase of the compost.
4. If material is to be stockpiled on the site, the Contractor shall obtain prior written approval from Metro. Metro shall approve stockpiling only after Contractor furnishes written information concerning the location and quantity of yard debris to be stored and Metro determines that such stockpiling is acceptable. Any damage to previously seeded areas which are used for stockpiling compost will be the Contractor's responsibility to repair at its own expense.
5. Should the weather prevent the Contractor from applying all 55,000 cubic yards of the material to the closure area in 1988, the remainder will be used for closure areas in 1989 at the same price. Metro will not be required to pay for the material until it is actually in place.
6. Contractor shall pay for any additional equipment costs or expense of any nature to perform any of the services described in this change order.
7. The material shall meet or exceed the following criteria:
 - a. The compost material supplied shall be derived exclusively from yard debris. Composted sewage or food wastes are not acceptable.
 - b. Since decomposition of the compost will continue after placement, full decompositional stability of the delivered compost is not required.

- c. The compost shall be well graded, consisting of a range of particle sizes. Material that passes through a two-inch screen shall be considered acceptable. Small branches and sticks shall not exceed two inches in diameter or width, nor shall they exceed ten inches in length. Metro shall exercise final judgment as to the acceptability of the compost. A one-pound sample of the compost will be delivered to Metro for approval no later than August 1, 1988.

- d. The compost pH shall not be less than five nor greater than eight. Contractor shall furnish evidence that this requirement has been met prior to the delivery of the compost.

Project: Final Cover Yard Debris
Metro POC: Jim Shoemake, Facilities Manager
Contractor POC: Mike Casetta, Assistant Landfill Manager
Completion Date: October 31, 1988

This agreement is entered into between Metro and
Browning Ferris Industries hereinafter called "Contractor,"
(Contractor)
pursuant to Article 22, Page 21 (part 3), Paragraph A (1) of the
(Article, Page & Paragraph)
St. Johns Landfill Operations #85-8-881SW dated June 1985 .
(contract description)(contract number)

1. Contractor agrees to perform the following additional work and provide the following items by the completion date described above:

See Attachment "A"

2. Metro agrees to pay Contractor the unit price of \$3.88 per Cubic Yard of yard debris compost purchased, transported, and applied as described in Attachment A, which is by this reference incorporated herein. Metro shall pay Contractor within 30 days of completion of services and receipt of an approved billing from Contractor.
3. The maximum compensation which Metro shall be obligated to pay Contractor pursuant to this Change Order shall be \$213,400 .
4. All other terms and conditions of the original agreement remain in full force and effect.

Metropolitan Service District

Contractor

Bob Maut

Department Head

Richard D. Emert

Executive Officer

Date

7-15 88

Date



METRO

2000 S.W. First Avenue
Portland, OR 97201-5398
503/221-1646

Memorandum

Agenda Item No. 7.1

Date: August 3, 1988

Meeting Date August 11, 1988

To: Metro Council

From: Councilor Gary Hansen, Chair ^{GH}
Council Solid Waste Committee

Regarding: Council Solid Waste Committee Report on August 11, 1988,
Council Meeting Agenda Item

Agenda Item 7.1 Consideration of Resolution No. 88-958, for the Purpose of Authorizing Change Order No. 6 to the Contract with Browning-Ferris Industries to Apply Composted Yard Debris as Cover at the St. Johns Landfill.

Committee Recommendation

The Solid Waste Committee recommends Council adoption of Resolution No. 88-958. This action taken August 2, 1988.

Discussion

It is proposed that 55,000 cubic yards of composted yard debris be used as a soil amendment and as cover material for a closure area of approximately 50 acres of land at the St. Johns Landfill. According to the Solid Waste Department, this will save an estimated \$120,000 (compared to the use of soil; soil is \$6.60/cubic yard, yard debris \$3.88 purchased, transported and applied).

The use of composted yard debris as cover at St. Johns Landfill is consistent with Metro's waste reduction policies. The DEQ and the City of Portland support the use of the yard debris as proposed.

During the summer of 1987, 6,800 cubic yards of composted yard debris was successfully used as cover material at St. Johns Landfill.

The Committee voted 3 to 0 to recommend adoption of Resolution No. 88-958. Voting aye: Hansen, Kelley and Kirkpatrick.

CONSIDERATION OF RESOLUTION NO. 88-958, FOR THE
PURPOSE OF AUTHORIZING CHANGE ORDER NO. 6 TO THE
CONTRACT WITH BROWNING-FERRIS INDUSTRIES TO APPLY
COMPOSTED YARD DEBRIS AS COVER AT THE ST. JOHNS
LANDFILL

Date: July 6, 1988

Presented by: Rich Owings
Jim Shoemake

FACTUAL BACKGROUND AND ANALYSIS

During the summer of 1987, 6,800 cubic yards of composted yard debris was used as a soil amendment and a cover material for the closure of areas at the St. Johns Landfill. The use of this material reduced the need to purchase the required amount of topsoil, by extending the volume of topsoil. The yard debris compost reduced erosion on several areas of the landfill with steep slopes, which had in the past been especially susceptible to erosion prior to seed germination and grass growth.

During the summer of 1988, we will close approximately 50 acres of land at the St. Johns Landfill. In the recently refilled Sub-area 2, we were required to establish steeper slopes than the original design. These steeper slopes are more susceptible to erosion during the fall and winter immediately following the planting of cover grasses. On July 1, 1988, the Department of Environmental Quality (DEQ) agreed to allow Metro to place one foot of clay cover on areas scheduled to be closed this season. The purpose of this intermediate closure plan is to allow sufficient time to develop an acceptable final closure of the site. This final site closure plan will be approved prior to the spring of 1989.

By placing one foot of clay and covering that with compost to reduce erosion, the final cost of closure will be reduced significantly. It is important that the entire 50 acres be treated this way because it would be impossible at this late date to place the entire closure cap on that area. It is estimated that, for the closure of 50 acres at the landfill, 55,000 cubic yards of composted yard debris will be required.

It is intended to place three to six inches of compost on top of one foot of low permeability clay throughout the entire unclosed area that is at final grade. Then to spray the compost with seed and hydra-mulch grass mixture. Our experience last year showed that the spraying of hydra-mulch grass seed directly onto the yard debris increased the germination rate of the seed, as well as reduced the amount of seed being washed off the ground by rainwater.

The composted yard debris will not be applied to closure areas that are designated to be utilized as parking areas by the City of Portland End Use Plan. The same specifications of yard debris material utilized last year will be utilized this year. These specifications require that the material be well graded with sticks no longer than 10 inches. Metro will give final approval of material after inspecting the proposed compost.

This project will showcase the commercial value of composted yard debris and, hopefully, will encourage other public sectors to utilize yard debris as a soil cover and amendment.

EXECUTIVE OFFICER'S RECOMMENDATION

The Executive Officer recommends that the Council adopt Resolution No. 88-958.

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