



**DANE COUNTY DEPT. OF
PUBLIC WORKS, HIGHWAY &
TRANSPORTATION**

1919 Alliant Energy Center Way
Madison, Wisconsin 53713
Office: 608/266-4018 ♦ Fax: 608/267-1533
Public Works Engineering Division
Public Works Solid Waste Division

ADDENDUM

FEBRUARY 15, 2016

ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

RFB NO. 316004 - ADDENDUM NO. 1

BUILDING DEMOLITION - FORMER ARMY RESERVE CENTER

**BIDS DUE: TUESDAY, MARCH 1, 2016, 2:00 PM. DUE DATE AND
TIME ARE NOT CHANGED BY THIS ADDENDUM.**

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

PLEASE MAKE THE FOLLOWING CHANGES:

1. Table of Contents

Change: “ 31 15 00 - Site Restoration ”, to: “ 31 15 00 - Site Work ”.

2. Legal Notice - Invitation To Bid

In the fourth paragraph:

Change: “Complete Vendor Registration Form at danepurchasing.com/registration or obtain one by calling 608/266-4131.”,

to: “Complete Vendor Registration Form at danepurchasing.com/Account/Login? or obtain one by calling 608/266-4131.”.

3. Instructions to Bidders

Page ITB-6 - Item 12.A.: Delete the current paragraph & insert the following:

“A. Wisconsin Statute 77.54 (9m) allows building materials that become part of local unit government facilities to be exempt from sales & use tax. Vendors & materials suppliers may not charge Bidders sales & use tax on these purchases. This does not include highways, streets or roads. Any other Sales, Consumer, Use & other similar taxes or fees required by law shall be included in Bid.”

Page ITB-9:

Change: “ ... Emerging Small Business Report within 24 hours after Bid Due Date. ”, to:
“ ... Emerging Small Business Report within 10 business days after Bid Due Date. ”

4. Bid Form

Pages BF-1 & BF-2: Delete current pages BF-1 & BF-2; replace with new pages BF-1 & BF-2, issued with this Addendum.

5. Section 01 74 19

Delete current Section 01 74 19; replace with new Section 01 74 19, issued with this Addendum.

6. Section 02 41 16

Page 1 - Item 1.1.B.3:

Change: “ 31 15 00 - Site Restoration ”, to: “ 31 15 00 - Site Work ”.

7. Section 31 15 00

Delete current Section 31 15 00; replace with new Section 31 15 00, issued with this Addendum.

8. Figure 1

Delete current Figure 1; replace with new Figure 1, issued with this Addendum.

If any additional information about this Addendum is needed, please call Scott Carlson at 608/266-4179, carlson.scott@countyofdane.com.

Sincerely,

Scott Carlson

Project Manager

Enclosures:

Bid Form, BF-1 & BF-2

Section 01 74 19

Section 31 15 00

Figure 1

S:\PubWork\Shared\ENGINEERING DIVISION\Scott Carlson\316004 - Army Reserve Bldg Demo\03 - Addendum\Addendum 1.docx

Name of Bidding Firm: _____

BID FORM

BID NO. 316004

**PROJECT: BUILDING DEMOLITION
FORMER ARMY RESERVE CENTER**

**TO: DANE COUNTY DEPARTMENT OF PUBLIC WORKS, HIGHWAY &
TRANSPORTATION PROJECT MANAGER
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713**

BASE BID - LUMP SUM:

Dane County is inviting Bids for building demolition services. The undersigned, having examined the site where the Work is to be executed and having become familiar with local conditions affecting the cost of the Work and having carefully examined the Drawings and Specifications, all other Construction Documents and Addenda thereto prepared by Dane County Department of Public Works, Highway & Transportation hereby agrees to provide all labor, materials, equipment and services necessary for the complete and satisfactory execution of the entire Work, as specified in the Construction Documents, for the Base Bid stipulated sum of:

NOTE: WISCONSIN STATUTE 77.54 (9M) ALLOWS FOR NO SALES & USE TAX ON THE PURCHASE OF MATERIALS FOR COUNTY PUBLIC WORKS PROJECTS.

_____ and _____ /100 Dollars
Written Price

\$ _____
Numeric Price

The undersigned agrees to add the alternate(s) portion of the Work as described, for the following addition(s) to or subtraction(s) from the Base Bid, as stipulated below.

ALTERNATE BID 1 - LUMP SUM:

Add price for providing demolition of garage & its parking lot.

_____ and _____ /100 Dollars
Written Price

\$ _____
Numeric Price (circle: Add or Deduct)

Receipt of the following addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No(s). _____ through _____

Dated _____

Dane County Regional Airport must have this project completed by July 29, 2016. Assuming this Work can be started by April 18, 2016, what dates can you commence and complete this job?

Commencement Date: _____ Completion Date: _____
(final, not substantial)

I hereby certify that all statements herein are made on behalf of:

(Name of Corporation, Partnership or Person submitting Bid)

Select one of the following:

1. A corporation organized and existing under the laws of the State of _____, or
2. A partnership consisting of _____, or
3. A person conducting business as _____;

Of the City, Village, or Town of _____ of the State of _____.

I have examined and carefully prepared this Bid from the associated Construction Documents and have checked the same in detail before submitting this Bid; that I have full authority to make such statements and submit this Bid in (its) (their) (my) behalf; and that the said statements are true and correct. In signing this Bid, we also certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit a Bid; that this Bid has been independently arrived at without collusion with any other bidder, competitor, or potential competitor; that this Bid has not been knowingly disclosed prior to the Bids Due Date to another bidder or competitor; that the above statement is accurate under penalty of perjury.

The undersigned further agrees to honor the Base Bid and the Alternate Bid(s) for sixty (60) calendar days from date of Award of Contract.

SIGNATURE: _____
(Bid is invalid without signature)

Print Name: _____ Date: _____

Title: _____

Address: _____

Telephone No.: _____ Fax No.: _____

Email Address: _____

Contact Person: _____

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SECTION 01 74 19

RECYCLING

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Summary
 - 2. Waste Management Goals
 - 3. Construction and / or Demolition Waste Management
 - 4. Waste Management Plan
 - 5. Reuse
 - 6. Recycling
 - 7. Materials Sorting and Storage On Site
 - 8. Lists of Recycling Facilities Processors and Haulers
 - 9. Waste Management Plan Form

- B. Related Sections:
 - 1. Section 01 00 00 - Basic Requirements
 - 2. Section 02 41 16 - Structure Demolition
 - 3. Section 31 15 00 - Site Work

1.2 WASTE MANAGEMENT GOALS

- A. Dane County requires that as many waste materials as possible produced as result of this project be salvaged, reused or recycled in order to minimize impact of construction waste on landfills and to minimize expenditure of energy and cost in fabricating new materials. Additional information may be found in The Dane County Green Building Policy, Resolution 299, 1999-2000.

1.3 CONSTRUCTION AND / OR DEMOLITION WASTE MANAGEMENT

- A. All construction and demolition waste must go to Dane County Construction & Demolition Recycling Facility located at 7102 US Hwy 12, Madison; located across from Yahara Hills Golf Course. www.countyofdane.com/pwht/recycle/CD_Recycle.aspx.
- B. Dane County Landfill, also at 7102 US Hwy 12, Madison, must receive all other waste from this project. www.countyofdane.com/pwht/recycling.aspx.

1.4 WASTE MANAGEMENT PLAN

- A. Contractor shall develop Waste Management Plan (WMP) for this project, with assistance of Public Works Project Manager and / or Architect / Engineer. Outlined in RECYCLING section of this specification are examples of materials that can be recycled or reused as well as recommendations for waste sorting methods.

B. Contractor shall complete WMP and include cost of recycling / reuse in Bid. WMP will be submitted to Public Works Project Manager within fifteen (15) business days of Notice to Proceed date. Copy of blank WMP form is in this Section. Submittal shall include cover letter and WMP form with:

1. Information on:
 - a. Types of waste materials produced as result of work performed on site;
 - b. Estimated quantities of waste produced;
 - c. Identification of materials with potential to be recycled or reused;
 - d. How materials will be recycled or reused;
 - e. On-site storage and separation requirements (on site containers);
 - f. Transportation methods; and
 - g. Destinations.

1.5 REUSE

A. Contractors and subcontractors are encouraged to reuse as many waste materials as possible. Salvage should be investigated for materials not reusable on site.

1.6 RECYCLING

A. These materials can be recycled in Dane County area:

1. Wood.
2. Wood Pallets.
3. Fluorescent Lamps.
4. Foam Insulation & Packaging (extruded and expanded).
5. PVC Plastic (pipe, siding, etc.).
6. Asphalt & Concrete.
7. Bricks & Masonry
8. Corrugated Cardboard.
9. Metal.
10. Carpet Padding.
11. Gypsum Drywall.
12. Shingles.
13. Barrels & Drums.
14. Solvents.

1.7 MATERIALS SORTING AND STORAGE ON SITE

A. Contractor shall provide separate containers for recyclable materials. Number of containers will be dependent upon project and site conditions.

B. Contractor shall provide on-site locations for subcontractors supplied recycling containers to help facilitate recycling.

1.8 LISTS OF RECYCLING FACILITIES PROCESSORS AND HAULERS

A. Web site www.countyofdane.com/pwht/recycle/categories.aspx lists current information for Dane County Recycling Markets. Contractors can also contact Jan Neitzel-Knox at 608/266-4029, or local city, village, town recycling staff listed at site

www.countyofdane.com/pwht/recycle/contacts.aspx. Statewide listings of recycling / reuse markets are available from UW Extension at www4.uwm.edu/shwec/wrmd/search.cfm.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

Not Used.

END OF SECTION

WASTE MANAGEMENT PLAN FORM



Contractor Name: _____
 Address: _____
 Phone No.: _____ Recycling Coordinator: _____

MATERIAL	ESTIMATED QUANTITY	DISPOSAL METHOD (CHECK ONE)	RECYCLING / REUSE COMPANY OR DISPOSAL SITE
Salvaged & reused building materials	_____ cu. yds. _____ tons	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Glass	_____ cu. yds. _____ tons	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Wood	_____ cu. yds. _____ tons	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Wood Pallets	_____ units	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Fluorescent Lamps	_____ cu. ft. _____ lbs.	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Foam Insulation	_____ cu. ft. _____ lbs.	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Asphalt & Concrete	_____ cu. ft. _____ lbs.	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Bricks & Masonry	_____ cu. ft. _____ lbs.	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
PVC Plastic	_____ cu. ft. _____ lbs.	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Corrugated Cardboard	_____ cu. ft. _____ lbs.	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Metals	_____ cu. yds. _____ tons	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Carpet Padding	_____ cu. ft. _____ lbs.	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Gypsum / Drywall	_____ cu. yds. _____ tons	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Shingles	_____ cu. yds. _____ tons	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____
Barrels & Drums	_____ units	_____ Recycled _____ Reused _____ Landfilled _____ Other	Name: _____

WASTE MANAGEMENT PLAN FORM

Solvents	_____ gallons	_____ Recycled _____ Landfilled	_____ Reused _____ Other	Name: _____
Other	_____	_____ Recycled _____ Landfilled	_____ Reused _____ Other	Name: _____
Other	_____	_____ Recycled _____ Landfilled	_____ Reused _____ Other	Name: _____
Other	_____	_____ Recycled _____ Landfilled	_____ Reused _____ Other	Name: _____
Other	_____	_____ Recycled _____ Landfilled	_____ Reused _____ Other	Name: _____
Other	_____	_____ Recycled _____ Landfilled	_____ Reused _____ Other	Name: _____

SECTION 31 15 00

SITE WORK

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Site preparation before demolition.
 - 2. Site maintenance during demolition.
 - 3. Site restoration after demolition.
- B. Related Sections:
 - 1. Section 01 00 00 - Basic Requirements
 - 2. Section 01 74 19 - Recycling
 - 3. Section 02 41 16 - Structure Demolition

1.2 SUMMARY OF THE WORK

- A. Contractor shall prepare everything necessary for site work to commence. This includes all interactions & work preparation with utility companies, protecting designated trees, shrubs & other plant life, obtaining & conforming with all necessary permits (including Erosion Control Plan) & equipment tracking pad requirements from Section 02 41 16 - Structure Demolition.
- B. Contractor shall keep & maintain all erosion control measures, remove surface debris, designated paving & curbs & remove abandoned utilities.
- C. After demolition is complete, site shall be restored as described herein. Contractor shall provide fill & compaction where needed, shall rough & fine grade site & shall seed & mulch site.

1.3 SUBMITTALS

- A. Section 01 00 00 - Basic Requirements: Submittal Procedures.

1.4 EROSION CONTROL PLAN

- A. Attachments to this Section:
 - 1. Erosion Control Plan - Site Map.
 - 2. Erosion Control Plan - Soils & Contours Map.
 - 3. Partly Filled Out Erosion Control Permit: to be filled out jointly with Owner.
 - 4. Universal Soil Loss Equation for Construction Sites Table.

1.5 MATERIAL OWNERSHIP

- A. Except for stripped topsoil and other materials indicated to be stockpiled or otherwise remain Owner's property, cleared materials shall become Contractor's property and shall be removed from the Work site.

1.6 PROJECT CONDITIONS

- A. Traffic: Minimize interference with adjoining roads, streets, walks, and other adjacent occupied or used facilities during site-clearing operations.
 - 1. Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction.
 - 2. Provide alternate routes around closed or obstructed traffic ways if required by Owner or authorities having jurisdiction.
- B. Do not commence site clearing operations until erosion control measures are in place.
- C. These practices are prohibited within protection zones (area on site where no demolition is taking place):
 - 1. Storage of construction materials, debris, or excavated material.
 - 2. Parking vehicles or equipment.
 - 3. Erection of sheds or structures.
 - 4. Impoundment of water.
 - 5. Excavation or other digging unless otherwise indicated.
 - 6. Attachment of signs to or wrapping materials around trees or plants unless otherwise indicated

1.7 QUALITY ASSURANCE

- A. Conform to applicable codes for environmental requirements & disposal of debris.
- B. Perform the Work in accordance with State of Wisconsin, Dane County Public Works & City of Madison standards.
- C. Maintain one copy of each document on site.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Erosion Control Measures: WDNR Standards 1057, 1059, 1060 & 1071.
- B. General Fill: Requirements for general fill are specified in Section 3.3.E.5.
 - 1. Obtain approved borrow soil material off site when general fill is not available on site.
 - 2. Granular Fill: Sand and/or gravel soil free of rock or gravel larger than 6 inches in any dimension, debris, waste, frozen materials, vegetation, and other deleterious matter.

- C. Seed:
 - 1. Seed Selection:
 - a. Seed mixtures that will produce dense vegetation shall be selected based on soil and site conditions and intended final use. Section 3.3.E.9. References, lists sources containing suggested seed mixtures.
 - b. All seed shall conform to requirements of Wisconsin Statutes and of Administrative Code Chapter ATCP 20.01 regarding noxious weed seed content and labeling.
 - c. Seed mixtures that contain potentially invasive species or species that may be harmful to native plant communities shall be avoided.
 - d. Seed shall not be used later than one year after test date that appears on label.
 - e. Seed shall be tested for purity, germination and noxious weed seed content and shall meet minimum purity and germination requirements as prescribed in current edition of Rules for Testing Seed, published by Association of Official Seed Analysts.

- D. Mulch: WDNR Standards 1058.

PART 3 EXECUTION

3.1 SITE PREPARATION

- A. Verify existing conditions before starting the Work.
- B. Implement all pre-demolition measures dictated in Erosion Control Plan. Continue all required measures throughout entirety of the Work.
- C. Obtain demolition & erosion control permits from City of Madison. Owner shall provide necessary information to aid application(s) completion.
- D. Verify with Owner, tag & identify which existing trees, shrubs & plant life are designated to remain.
- E. Protect bench marks, survey control points, and existing structures from damage or displacement.
- F. Protect all existing site improvements such as fencing, trees, shrubs, plant life, sidewalks & asphalt parking areas from damage or displacement.
- G. Restore any damaged site improvements to their original condition as acceptable to Owner.
- H. Contact utility companies serving or crossing site to plan for demolition work:
 - 1. Call Diggers Hotline not less than three working days before performing the Work:
 - a. Request underground utilities to be located and marked within and surrounding construction areas.

- b. Locate, identify, and protect utilities indicated to remain, from damage.
2. Disconnect, remove and / or isolate utilities serving buildings as dictated by utility companies.

3.2 SITE MAINTENANCE

- A. Erosion control measures:
 1. Provide erosion control measures to prevent soil erosion and discharge of sediment or airborne dust to adjacent properties and walkways, according to Erosion Control Plan.
 2. Verify that flows of water redirected from construction areas or generated by construction activity do not enter or cross protection zones.
 3. Inspect, maintain, and repair erosion control measures during construction until permanent vegetation has been established.
 4. Notify Owner when site is fully stabilized:
 - a. Do not remove any erosion control measures until Owner has authorized their removal upon final site stabilization.
- B. Waste removal:
 1. Remove debris, rock and only designated plant life from site.
 2. Remove paving and curbs as indicated on Drawings. Neatly saw cut edges at right angle to surface.
 3. Remove abandoned utilities. Indicated removal termination point for underground utilities on Record Documents.
 4. Continuously clean-up and remove waste materials from site. Do not allow materials to accumulate on site.
 5. Do not burn or bury materials on site. Leave site in clean condition.
- C. Disposal of surplus and waste materials:
 1. Remove surplus soil material, unsuitable topsoil, obstructions, demolished materials, and waste materials including trash and debris, and legally dispose of them off Owner's property.
 2. Separate recyclable materials produced during site clearing from other non-recyclable materials. Store or stockpile without intermixing with other materials and transport them to recycling facilities. Do not interfere with other construction or non-construction related work on-site.

3.3 SITE RESTORATION

- A. Definitions:
 1. Backfill: Soil material used to fill excavation.
 2. Borrow Soil: Suitable soil imported from off-site for use as fill or backfill.
 3. Excavation: Removal of material encountered above subgrade elevations and to lines and dimensions indicated.
 4. Fill: Soil materials used to raise existing grades.
 5. Structures: Buildings, footings, foundations, retaining walls, slabs, tanks, curbs, mechanical and electrical appurtenances, or other man-made stationary features constructed above or below ground surface.

6. Subgrade: Uppermost surface of excavation or top surface of fill or backfill immediately below subbase, drainage fill, drainage course, or topsoil materials.
- B. General Excavation:
1. Unclassified Excavation: Excavate to subgrade elevations regardless of character of surface and subsurface conditions encountered. Unclassified excavated materials may include rock, soil materials, and obstructions. No changes in Contract Sum or Contract Time will be authorized for rock excavation or removal of obstructions.
 2. If excavated materials intended for fill and backfill include unsuitable soil materials and rock, replace with suitable soil materials.
- C. Backfill:
1. All labor, materials, equipment, and related services necessary to furnish and install all subgrade preparation, excavation and backfill for site as indicated on drawings or specified herein.
 2. Compaction of soil fills:
 - a. Place fill soil materials in layers not more than 10 inches in loose depth for material compacted by heavy compaction equipment, and not more than 4 inches in loose depth for material compacted by hand-operated tampers.
 - b. Place fill soil materials evenly on all sides of structures to required elevations, and uniformly along full length of each structure.
 - c. Compact fill materials to not less than these percentages of maximum dry unit weight according to ASTM D 1557:
 - 1) Compact each fill layer to minimum of 90 percent.
- D. Grading:
1. Match existing grades.
 2. Taper toward center of lot & not toward streets or surrounding properties.
 3. General: Uniformly grade areas to smooth surface, free of irregular surface changes. Comply with compaction requirements and grade to cross sections, lines, and elevations indicated.
 4. Site Rough Grading: Slope grades to direct water away from buildings and to prevent ponding.
- E. Seed & mulch:
1. Definition:
 - a. Planting seed to establish temporary or permanent vegetation for erosion control.
 2. Purpose:
 - a. Purpose of *permanent seeding* is to permanently stabilize areas of exposed soil.
 3. Conditions Where Practice Applies:
 - a. This practice applies to areas of exposed soil where establishment of vegetation is desired. Permanent seeding applies to areas where perennial vegetative cover is needed.

4. Federal, State and Local Laws:
 - a. Users of this standard shall be aware of all applicable federal, state and local laws, rules, regulations or permit requirements governing seeding. This standard does not contain text of federal, state or local laws.
5. Criteria:
 - a. This section establishes minimum standards for design, installation and performance requirements.
 - b. Site and Seedbed Preparation:
 - 1) Site preparation activities shall include:
 - a) Permanent Seeding:
 - (1) *Topsoil* installation shall be completed prior to permanent seeding.
 - (2) Permanent seeding requires seedbed of loose topsoil to minimum depth of 4 inches with ability to support *dense* vegetative cover.
 - (3) Application rates of fertilizer or lime shall be based on soil testing results.
 - (4) Prepare tilled, fine, but firm seedbed. Remove rocks, twigs foreign material and clods over two inches that cannot be broken down.
 - (5) Soil shall have pH range of 5.5 to 8.0.
 - c. Seeding:
 - 1) Permanent Seeding Rates:
 - a) Rates shall be based on pounds or ounces of Pure Live Seed (PLS) per acre. Section 3.3.E.9 contains some possible reference documents that provide seeding rates. Permanent seeding rates may be increased above minimum rates shown in reference documents to address land use and environmental conditions.
 - b) If nurse crop is used in conjunction with permanent seeding, nurse crop shall not hinder establishment of permanent vegetation.
 - c) Nurse crop shall be applied at 50% its temporary seeding rate when applied with permanent seed.
 - 2) Inoculation:
 - a) Legume seed shall be inoculated in accordance with manufacturer's recommendations. Inoculants shall not be mixed with liquid fertilizer.
 - 3) Sowing:
 - a) Seed grasses and legumes no more than
 - b) ¼ inch deep. Distribute seed uniformly. Mixtures with low seeding rates require special care in sowing to achieve proper seed distribution.
 - c) Seed may be broadcast, drilled, or hydroseeded as appropriate for site.

- d) Seed when soil temperatures remain consistently above 53° F. *Dormant seed* when soil temperature is consistently below 53° F (typically Nov. 1st until snow cover). Seed shall not be applied on top of snow.
6. Considerations:
- a. Consider seeding at lower rate and making two passes to ensure adequate coverage.
 - b. Compacted soil areas may need special site preparation prior to seeding to mitigate compaction. This may be accomplished by chisel plowing to depth of 12 inches along contour after heavy equipment has left site.
 - c. Site assessment should be conducted to evaluate soil characteristics, topography, exposure to sunlight, proximity to natural plant communities, proximity to nuisance, noxious and/or invasive species, site history, moisture regime, climatic patterns, soil fertility, and previous herbicide applications.
 - d. Use *introduced species* only in places where they will not spread into existing natural areas.
 - e. Lightly roll or compact area using suitable equipment when seedbed is judged to be too loose, or if seedbed contains clods that might reduce seed germination.
 - f. See Section 3.3.E.9. References for suggested seed mixes (NRCS, WisDOT, UWEX) or use their equivalent.
 - g. Turf seedlings should not be mowed until stand is at least 6 inches tall. Do not mow closer than 3 inches during first year of establishment.
 - h. Seeding should not be done when soil is too wet.
 - i. Consider watering to help establish seed. Water application rates shall be controlled to prevent runoff and erosion.
 - j. Prairie plants may not effectively provide erosion control during their establishment period without nurse crop.
 - k. Topsoil originating from agricultural fields may contain residual chemicals. Seedbed should be free of residual herbicide or other contaminants that will prevent establishment and maintenance of vegetation. Testing for soil contaminants may be appropriate if there is doubt concerning soil's quality.
 - l. Consider using mulch or nurse crop if selected species are not intended for quick germination. When mulching refer to WDNR Conservation Practice Standard Mulching for Construction Sites (1058).
7. Plans and Specifications:
- a. Plans and specifications for seeding shall be in keeping with this standard and shall describe requirements for applying this practice.
 - b. All plans, standard detail drawings, or specifications shall include schedule for installation, inspection, and maintenance. Responsible party shall be identified.
8. Operation and Maintenance:
- a. During construction areas that have been seeded shall at minimum be inspected weekly and within 24 hours after every precipitation event that produces 0.5 inches of rain or more during 24-hour period. Inspect weekly during growing season until vegetation is densely established or

- permit expires. Repair and reseed areas that have erosion damage as necessary.
- b. Limit vehicle traffic and other forms of compaction in areas that are seeded.
 - c. Fertilizer program should begin with soil test. Soil tests provide specific fertilizer recommendations for site and can help to avoid over-application of fertilizers.
9. References:
- a. Seed Selection References:
 - 1) United States Department of Agriculture – Natural Resource Conservation Service Field Office Technical Guide Section IV, Standard 342, Critical Area Planting.
 - 2) UWEX Publication A3434 Lawn and Establishment & Renovation.
 - 3) WisDOT, 2003. State of Wisconsin Standard Specifications For Highway and Structure Construction. Section 630, Seeding.
 - b. General References:
 - 1) Association of Official Seed Analysts, 2003. Rules for Testing Seed. <http://www.aosaseed.com>.
 - 2) Metropolitan Council, 2003. Urban Small Sites Best Management Practice Manual, Chapter 3, Vegetative Methods 3-85 – 3-91. Minneapolis.
 - 3) State of Wisconsin list of noxious weeds can be found in Statute 66.0407.
 - 4) United States Department of Agriculture – Natural Resources Conservation Service. Engineering Field Handbook, Chapters 16 and 18.
 - 5) UWEX Publication GWQ002 Lawn & Garden Fertilizers.
10. Definitions:
- a. *Dense* (3.3.E.5.b.1)a(2)): Stand of 3-inch high grassy vegetation that uniformly covers at least 70% of representative 1 square yard plot.
 - b. *Dormant seed* (3.3.E.5.c.3)): Seed is applied after climatic conditions prevent germination until following spring.
 - c. *Introduced Species* (3.3.E.6.d.) Plant species that historically would not have been found in North America until they were brought here by travelers from other parts of the world. This would include smooth brome grass and alfalfa. Some of these species may have wide distribution such as Kentucky bluegrass.
 - d. *Nurse Crop* (3.3.E.5.c.1)): Also known as companion crop; is application of temporary (annual) seed with permanent seed.
 - e. *Permanent seeding* (3.3.E.2) Seeding designed to minimize erosion for indefinite period after land disturbing construction activities have ceased on site.
 - f. *Topsoil* (3.3.E.5.b.1)a(1)) Consists of loam, sandy loam, silt loam, silty clay or clay loam humus-bearing soils adapted to sustain plant life with pH range of 5.5 – 8.0. Manufactured topsoil shall through addition of sand or organic humus material, peat, manure or compost meet above criteria.

F. Mulch: WDNR Standards 1058.



G. Long term care:

1. Contractor shall be responsible for all repairs & replacement of seeded & mulched areas during warranty period. This shall also include existing trees, shrubs & plant life that may have damaged during construction but damage was not noticed or obvious immediately.
2. If Owner determines compaction or grading is insufficient (i.e., stormwater runoff not moving as expected, areas showing signs of sinking).
3. Maintenance such as mowing & weeding shall be done by Owner. Owner shall care for site after warranty period has expired.

END OF SECTION

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EROSION CONTROL PLAN
DCRA Building Demolition
& Asphalt Removal
1429 Wright St. Madison
SITE MAP

-  Limits of Disturbance
-  Silt Sock
-  Tracking Pad
-  Inlet Protection



Plat Unknown - CITY OF MADISON

1446 1450
 081032106016 Lot
 1438 081032106991
 1442

081032106024

081032106032

081032106040

Straubel St

081032108020

081032108070

081032108046

081032103145

081032103153

081032103161

3517

3513

081032103179

081032103187

081032103202

Schmedeman Ave

081032103012

081032104151

081032104127

081032104119

081032104101

081032104135

3441

081032104143

081032104094

3532

081032104086

081032104078

3526

081032104060

3522

081032104052

3518

081032104193

081032104200

081032104218

081032104036

081032104028

081032104010

081032104226

Reindahl Ave

081032105026

1417

081032101149

081032101131

081032101082

081032100927

Wright St

081032100927





081032106032

081032106024

081032106032

EROSION CONTROL PLAN
DCRA Building Demolition
& Asphalt Removal
1429 Wright St. Madison
SOILS & CONTOURS MAP



-  Limits of Disturbance
-  Silt Sock
-  Tracking Pad
-  Inlet Protection



Plat Unknown - CITY OF MADISON



Erosion Control Permit Application

City of Madison Engineering Division

210 Martin Luther King Jr. Blvd. ■ City-County Building Suite 115 ■ Madison, WI 53703

Section 1 ■ Property Information

Project Name: DCRA Building Demolition

Property Address:	<u>1439 Wright Street</u>	<u>n.a.</u>	<u>0810-321-0092-7</u>
	<i>Street</i>	<i>Lot Number(s)</i>	<i>Parcel Number</i>
	<u>Madison</u>	<u>WI</u>	<u>53704</u>
	<i>City</i>	<i>State</i>	<i>ZIP Code</i>
	<u>n.a.</u>		
	<i>Plat or CSM</i>		

Section 2 ■ Landowner Information

Company: Dane County Regional Airport

Full Name:	<u>LeGore</u>	<u>William</u>	<u>Facilities Director</u>
	<i>Last</i>	<i>First</i>	<i>Title</i>

Mailing Address:	<u>4000 International Lane</u>		
	<i>Street</i>		<i>Apartment/Unit #</i>
	<u>Madison</u>	<u>WI</u>	<u>53708</u>
	<i>City</i>	<i>State</i>	<i>ZIP Code</i>

Contact Phone:	<u>608.246.3389</u>	E-Mail:	<u>legore@msnairport.com</u>
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Section 3 ■ Applicant Information (If different than Landowner)

Same as Landowner (Check if YES, and continue with Section 4)

Company: _____

Full Name:	_____	_____	_____
	<i>Last</i>	<i>First</i>	<i>Title</i>

Mailing Address:	_____		
	<i>Street</i>		<i>Apartment/Unit #</i>
	_____	_____	_____
	<i>City</i>	<i>State</i>	<i>ZIP Code</i>

Contact Phone:	_____	E-Mail:	_____
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The applicant will be responsible for compliance with MGO Chapter 37 and the conditions of the permit, and may be cited for violations that occur on the premises.

Section 4 ■ Authorized Erosion Control Inspector (if known)

Same as Applicant (Check if YES, and continue with Section 5)

Company: Dane County Public Works

Full Name: Carlson Scott Project Manager
Last First Title

Mailing Address: 1919 Alliant Energy Center Way
Street Apartment/Unit #
Madison WI 53713
City State ZIP Code

Contact Phone: 608.266.4179 E-Mail: carlson.scott@countyofdane.com

Section 5 ■ Permit Type

Check Only One Option

Simplified Plan Checklist—Disturbed Area < 20,000 ft², Slopes < 6% (\$100.00 permit base fee)

1. Provide construction entrances with tracking controls.
2. Protect any inlets receiving run-off from the disturbed construction area.
3. Provide perimeter control to retain sediments on the construction site.
4. Provide timely restoration with 14 days of land disturbance activities.

Full Erosion Control Plan (\$200.00 permit base fee)
Attach erosion control report and plan for review

Renewal of Expired Permit (\$50.00 permit base fee)

Work to be performed by:

Same as Landowner (Check if YES) Same as Applicant (Check if YES) Same as Authorized Inspector (Check if YES)

Construction Contact to be determined

Contact Phone: tbd E-Mail: tbd

Section 6 ■ Fee Calculation

Permit Base Fee (Permit type selected above in Section 5)	\$	<u>200.00</u>
Total Disturbed area (ft ²)		<u>102,500</u> ft ²
Erosion Control Area Fee-Full Erosion Control Plan ONLY (\$5/1000 ft ² disturbed)	\$	<u>512.50</u>
Total Fees	\$	<u>712.50</u>

FEES RECEIVED
Office Use Only

Date _____

Amt _____

By _____

USLE Rate (ton/acre/year) 10.7 Construction Start Date 04/18/2016 Restoration Date 07/29/2016

*All measures to be installed prior to any other construction. No disturbance, grading, stockpiles, or borrow pits shall be allowed in park area without approval by the Parks Division prior to construction. **NO land disturbance work may proceed** until this application has been approved and a permit issued.

Section 7 ■ Landowner and Applicant Signature

I have reviewed and understand Chapter 37 of the Madison General Ordinances regarding erosion control, and I shall implement the control plan or checklist for this project as approved by the City.

As a condition of the granting of this permit, I authorize, and have the authority to authorize, City of Madison personnel the right-of-entry onto the above described premises for the purpose of inspecting and monitoring for compliance with the aforesaid ordinance.

I acknowledge by submitting this application and signing below, that I shall be responsible for compliance with MGO Chapter 37 and the conditions of this permit.

Landowner Signature: _____ Date: _____

Applicant Signature: _____ Date: _____



Universal Soil Loss Equation for Construction Sites

Dane County Land Conservation Division



Developer:

Dane Co Regional Airport

Project:

Building Demolition & Asphalt Removal

Date:

2/11/2016

Version 2.2

Land Disturbing Activity	Begin Date	End Date	Period % R	Annual R Factor	Soil Map Unit	Soil Erodibility K Factor	Slope (%)	Slope Length (feet)	LS Factor	Land Cover C Factor	Soil loss A=%R×R×K×L×S×C (tons/acre)	Percent Reduction Required (7.5 tons/acre)
disturb ground	4/18/2016	7/29/2016	55.0%	150	VwA	0.43	3.0%	90	0.28	1.00	10.1	
seed and mulch	7/29/2016		28.6%	150	VwA	0.43	3.0%	90	0.28	0.12	0.6	
TOTAL											10.7	30%

Land Disturbing Activities:

- input**
- disturb ground
- apply mulch
- seed and mulch
- seeding
- sod
- paving

definition

- activity which leaves the ground devoid of vegetation
- application of straw mulch at 1.5 tons/acre
- seeding and application of straw mulch at 1.5 tons/acre
- temporary or permanent seeding without the use of mulching materials
- installation of sod
- providing 100% cover to disturbed ground with paving materials or stone

Notes:

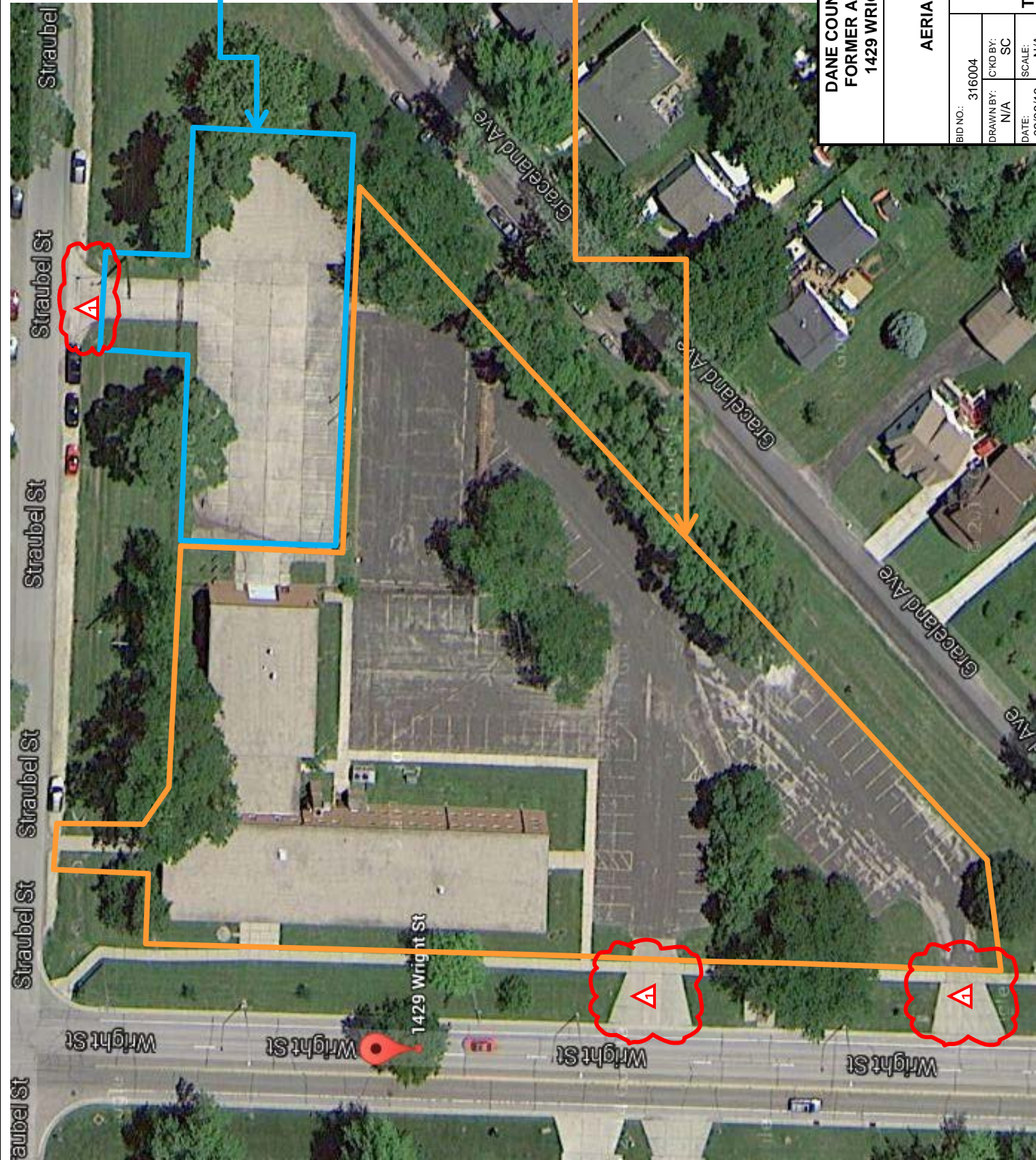
Perimeter silt fence and existing vegetation will limit sediment transport and soil loss from the site. Dates shown indicate earliest possible start and latest possible stabilization dates. Actual duration of land disturbing activities will be shorter than dates shown above as most work will be performed from existing paved surfaces with little to no soil disturbance

Designed By:	R. Shore
Date	2/11/2016
Checked By:	
Date	

REVISIONS		
02/15/16	ADDENDUM NO. 1	

APPROXIMATE AREA OF ALTERNATE BID NO. 1 DEMOLITION & RESTORATION

APPROXIMATE AREA OF BASE BID DEMOLITION & RESTORATION



**DANE COUNTY REGIONAL AIRPORT
FORMER ARMY RESERVE CENTER
1429 WRIGHT ST., MADISON, WI**

**FIGURE 1
AERIAL VIEW / SITE PLAN**

BID NO.:	316004
DRAWN BY:	N/A
CKD BY:	SC
DATE:	02/09/16
SCALE:	N/A

**DANE COUNTY
PUBLIC WORKS,
HIGHWAY &
TRANSPORTATION**

