

AD2.6. Exterior Entrance Aluminum Doors: Both eastbound and westbound rest areas shall include new 3'0" x 7'-0" exterior entrance aluminum doors (2 per location) to replace existing, installed in the existing aluminum frames. Doors shall be as specified in Specification Section 08 41 13 in the Project Specifications.

AD2.7. Specification Section 08 71 00 Door Hardware: Hardware Set No. 1 shall be modified to the following:

HARDWARE SET NO. 1

Description: Exterior Aluminum Doors (4 thus)

1 Door Closer	4040XP-MC-3077SCNS	695	LCN
1 Continuous Hinge	780-112HD	BZ	Hager
1 Push/Pull	CO-12/CP-II	US32D	Kawneer
1 Deadlock	MS1850S	313	Adams Rite
1 Sweep	90041	DNB	Pemko

Hardware to be provided by aluminum door manufacturer.

Hardware supplier to provide Sargent cylinders and coordinate keying with Owner.

CIVIL ADDENDA ITEMS

AD2.8. Specification Section 32 90 00 Seeding: The seeding section shall be deleted and replaced with the attached Specification Section 32 90 00 Turf and Grasses. All areas requiring replacement of grasses shall be sodded per this section in lieu of seeded.

AD2.9. Picnic Table Anchors: Contractor shall provide and install four (4) two-hole 2" O.D. galvanized hold down clamps, 1 per leg, to anchor all new specified picnic tables to concrete. Contractor shall use 7/16" x 2 1/2" tapcon screws, black in color.

END OF ADDENDUM NO. 2

PRE-BID CONFERENCE

District 4 - Kearney

NDOT Rest Area ADA Upgrade

PROJECT AFE W-002

Thursday, September 7, 2017

1:00 PM – Local Time

INTRODUCTORY REMARKS:

INTRODUCE SELF – GOOD AFTERNOON! I am Joshua Cowan – Facilities Construction Coordinator II for the Nebraska Department of Roads. I would like to THANK YOU for your interest in the Kearney Rest Area ADA Upgrades.

The Purpose of this conference is to answer any Administrative or Technical questions you may have and to provide you with an opportunity to look at the Project Site.

INTRODUCTIONS – I would like to make some Introductions:

Allen Horak, District 4 District Operations Maintenance Manager – NDOT

District 4 Crew Introductions by Allen Horak

Trevor Hull, Project Architect – Erickson Sullivan Architects

SIGN IN SHEET– Has everyone had a chance to sign the Sign-In Sheets that are circulating? Be sure and sign in before you leave.

ADDENDUMS

1 addendum has been issued

All attending today will receive any future addendums. Those on the Plan holders list at A&D will also receive the addendums. Please sign the attendance sheet to ensure that you receive any addendums for this project.

BID FORM

On completing the Bid Proposal Form contained in the Bid Packet (Section 004000):

1. Please fill out the Bid form completely for all applicable items.
2. Sign the Bid Form in [Blue Ink](#).
 - Bids received without original signature or
 - Signed in pencil will not be accepted.
3. Return all four (4) pages of the Bid Form, pages 004000-1 – 004000-4.
4. On the Bid Form, there is a Total Base Bid Amount
5. Be sure to enter your Bid Proposal amounts correctly in both words and figures as required on the Bid Proposal Form.
6. The Bid Review Committee will review the Bids for any discrepancies.
7. Be sure to fill out the Schedule of Values on the Bid Form.
8. Be sure to provide the bid in an envelope marked "BID".

- Preferred to say:

BID

**Kearney Rest Area
ADA Upgrades
AFE W-002**

CONTRACT TIME

1. Contractor is to ensure days indicated on bid form are correct. The days should reflect the time required from issuance of "Notice To Proceed" thru Substantial Completion of the project.
2. The Bid Form will indicate a not to exceed date, which is the maximum amount of time we have allotted for the project. (120 days) Your number of days can be less just not more than that timeline.

BIDS DUE

1. The Bids are due NO LATER THAN @ 3:30 PM on Thursday, September 21, 2017, at the Nebraska Department of Roads Operations Division, 5001 S. 14th Street, Lincoln, Nebraska.
2. Parking is available in the South Parking Lot.
3. 14th Street is under reconstruction. South bound is closed. Allow time for detours. An addendum will be issued prior to the bid with a map of the facility to assist in delivery of the bids.
4. The Bids will be publicly opened and recorded.
You are welcome to stay and attend the Bid Opening.

DRUG POLICY

By signing the Bid Proposal, the Bidder is committed to provide a drug free workplace environment. If requested by the Nebraska Department of Roads, the Bidder must furnish evidence that they have a Drug Free Workplace Policy.

BID REVIEW COMMITTEE

The "Bid Review Committee" will meet within one week after the Public Bid Opening to review the bids for any irregularities and to award the contract on the Project.

CONTRACT REVIEW

Contracts will then be prepared and sent to the NDOR Attorney's Office for review. The contract review takes about two weeks. Once the contract review is complete, the contracts go to the Contractor for signature.

LIQUIDATED DAMAGES

Liquidated damages will be assessed for this project in the amount of \$500/day for every calendar day the work remains unfinished after the substantial completion date.

MANDATORY MEETINGS

After the Contract is fully executed, a PRE-CONSTRUCTION MEETING will be held on site after the Contracts, Performance Bonds, and Certificate of Insurance have been received.

INVOICE PAYMENTS ON PROJECT

1. Payments will be made by DIRECT DEPOSIT on the project in accordance with State of Nebraska procedures. Payments will be made within 45 days after the invoices are received at the CAP FAC Office.
2. The Nebraska State Treasurer requires that payments in excess of \$25,000 will be made by direct deposit instead of State Warrants (checks).
3. The Contractor must establish a direct deposit payments enrollment with the State Treasurer (ACH – Automated Clearing House). The enrollment form will be provided at the Pre-Construction Meeting.

HOURS OF OPERATION AT THE PROJECT LOCATION:

No limitation to hours of operations

COORDINATION ON OTHER CONSTRUCTION AT FACILITY

None at this time

EQUIPMENT STORAGE & MATERIAL STORAGE AT THE SITE

The Contractor is responsible for the security of their equipment and any materials left at the site.

The Contractor is expected to keep the construction site clean and free of trash and debris during the project. Daily cleaning shall be completed.

USE OF SANITARY FACILITIES:

Use of the existing facilities is acceptable. Contractor is responsible to ensure additional cleaning of the facility is not necessary due to their presence.

ADMIN QUESTIONS (Space for Notes)

USE OF SITE

The Contractor is responsible for the security and safety of the site at all times. The construction area should be kept neat and tidy, and adjacent space and roads to be kept clean and clear. Contractor responsible for repair of any damages to facilities and property.

ALTERNATIVE/ADDITIVE BID ITEMS

- Alternate #1 - Add for sidewalk adjacent to Truck Parking Westbound Rest Area
- Alternate #2 - Add for sidewalk adjacent to Truck Parking Eastbound Rest Area

UNIT PRICE ITEMS





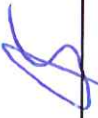





- Unit Price #1 - Cost per SF of Sidewalk Removal and Replacement
- Unit Price #2 - Cost per LF of Curb Removal and Replacement

ARCHITECT COMMENTS (Space for Notes)

CONTRACTOR QUESTIONS AND COMMENTS (Space for Notes)

MEETING ADJOURNED:
ALL ARE WELCOME AND ENCOURAGED TO VISIT THE SITE

PROJECT SITE EXAMINATION (Space for Notes)

	Name:	Company/Firm/Agency:	Phone Number:	E-Mail Address:
1.	Joshua Cowan 	NDOT – CAP FAC	402.479.3746	joshua.cowan@nebraska.gov
2.	Allen Horak 	NDOT – District 4 DOMM	308.385.6265	allen.horak@nebraska.gov
3.	David Carrol 	NDOT – District 4 Supervisor	308.865.5430	david.carrol@nebraska.gov
4.	Gary Hibberd 	NDOT – District 4 Crew Chief	308.865.5430	gary.hibberd@nebraska.gov
5.	Joseph Smydra 	NDOT – District 4 CAP FAC	308.385.6265	joseph.smydra@nebraska.gov
6.	Trevor Hull 	Erickson Sullivan Architects	402.475.1787	trevor@ericksonsullivan.net
7.	Nate Burnett 	REGA Engineering Group, Inc.	402.484.7342	nate@regaeng.com
8.	Randy Cooper 	Jacobi Carpet	402-469-9357	randyc@jacobicarpet.com
9.	Jim Hoppenstedt 	Breman Contracting	308-627-6505	Jim.hoppenstedt@breman-inc.com
10.	Austin Gardline 	Midwest Elite Contracting	308-440-0782	austin.midwestelite@gmail.com

11. Ross Finley

GILBERT CONST.

308 627 5755

rossfinley@hotmail.com

12. Randy Rogge

Rogge General Contractors

902-441-3100

rrogge@roggeik.com

13.

14.

15.

16.

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SECTION 32 92 00
TURF AND GRASSES

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specifications, apply to this Section.

1.2 SUMMARY

- A. This Section Includes the following:
 - 1. Sodding.
- B. Soil preparation, fertilizing, watering and maintenance.
- C. Extent of sod: Provide sod at all unpaved areas on the site and at any disturbed areas on the adjacent site. See Drawings for extent of sodded lawn areas.
- D. Related work described elsewhere:
 - 1. Division 31 Section "Earth Moving" for subgrade and fine grading with topsoil.

1.3 DEFINITIONS

- A. Duff Layer: The surface layer of native topsoil that is composed of mostly decayed leaves, twigs, and detritus.
- B. Finish Grade: Elevation of finished surface of planting soil.
- C. Hydraulic Growth Medium: A hydraulically applied matrix containing at least 20% volume of prepackaged decomposed/composted organic fibers accepted as growth mediums, such as compost or peat moss that may or may not contain other materials to include soil stabilization chemicals. Used to provide a growth medium for seed germination, plant growth/establishment and soil building characteristics in conditions of marginal or extremely poor soils and where erosion control is required.
- D. Manufactured Topsoil: Soil produced off-site by homogeneously blending mineral soils or sand with stabilized organic soil amendments to produce topsoil or planting soil.
- E. Pesticide: A substance or mixture intended for preventing, destroying, repelling, or mitigating a pest. This includes insecticides, miticides, herbicides, fungicides, rodenticides, and molluscicides. It also includes substances or mixtures intended for use as a plant regulator, defoliant, or desiccant.
- F. Pests: Living organisms that occur where they are not desired or that cause damage to plants, animals, or people. These include insects, mites, grubs, mollusks (snails and slugs), rodents (gophers, moles, and mice), unwanted plants (weeds), fungi, bacteria, and viruses.
- G. Planting Soil: Soil that is modified with soil amendments and fertilizers to produce a soil mixture best for plant growth.
- H. Subgrade: Surface or elevation of subsoil remaining after excavation is complete, or top surface of a fill or backfill before planting soil is placed.

REGA ENGINEERING GROUP

Project No.: REGA171036

- I. Subsoil: All soil beneath the topsoil layer of the soil profile, and typified by the lack of organic matter and soil organisms.
 - 1. Surface Soil: Whatever soil is present at the top layer of the existing soil profile at the Project site. In undisturbed areas, the surface soil is typically topsoil, but in disturbed areas such as urban environments, the surface soil can be subsoil.

1.4 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Certification of turf and grasses.
 - 1. Certification of each sod type for drought resistant turf grass.
- C. Product certificates.

1.5 QUALITY ASSURANCE

- A. Installer's Field Supervision: Require Installer to maintain an experienced full-time supervisor on Project site when work is in progress.
 - 1. Pesticide Applicator: State licensed, commercial.
- B. Soil Analysis: For each unamended soil type, furnish soil analysis and a written report by a qualified soil-testing laboratory.
 - 1. The soil-testing laboratory shall oversee soil sampling.
 - 2. Report suitability of tested soil for turf growth.
 - a. State recommendations for nitrogen, phosphorus, and potash nutrients and soil amendments to be added to produce satisfactory planting soil suitable for healthy, viable plants.
 - b. Report presence of problem salts, minerals, or heavy metals; if present, provide additional recommendations for corrective action.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Seed and Other Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of conformance with state and federal laws, as applicable.

1.7 MAINTENANCE SERVICE

- A. Initial Turf Maintenance Service: Provide full maintenance by skilled employees of landscape Installer. Maintain as required in Part 3. Begin maintenance immediately after each area is planted and continue until acceptable turf is established but for not less than the following periods:
 - 1. Acceptable turf is established.
 - a. When initial maintenance period has not elapsed before end of planting season, or if turf is not fully established, continue maintenance during next planting season.

PART 2 PRODUCTS

2.1 TURFGRASS SOD (FESCUE)

- A. Turfgrass Sod shall meet the requirements of the Nebraska Department of Transportation Standard Specifications, latest edition, for Drought Resistant Fescue Grass Solid Slab Sod and shall match existing grass.

2.2 INORGANIC SOIL AMENDMENTS

- A. Lime: ASTM C 602, agricultural liming material containing a minimum of 80 percent calcium carbonate equivalent and as follows:
 - 1. Class: T, with a minimum of 99 percent passing through No. 8 sieve and a minimum of 75 percent passing through No. 60 sieve.
 - 2. Class: O, with a minimum of 95 percent passing through No. 8 sieve and a minimum of 55 percent passing through No. 60 sieve.
- B. Sulfur: Granular, biodegradable, containing a minimum of 90 percent sulfur, and with a minimum of 99 percent passing through No. 6 sieve and a maximum of 10 percent passing through No. 40 sieve.
- C. Iron Sulfate: Granulated ferrous sulfate containing a minimum of 20 percent iron and 10 percent sulfur.
- D. Aluminum Sulfate: Commercial grade, unadulterated.
- E. Perlite: Horticultural perlite, soil amendment grade.
- F. Agricultural Gypsum: Minimum 90 percent calcium sulfate, finely ground with 90 percent passing through No. 50 sieve.
- G. Sand: Clean, washed, natural or manufactured, and free of toxic materials.
- H. Diatomaceous Earth: Calcined, 90 percent silica, with approximately 140 percent water absorption capacity by weight.
- I. Zeolites: Mineral clinoptilolite with at least 60 percent water absorption by weight.

2.3 ORGANIC SOIL AMENDMENTS

- A. Compost: Well-composted, stable, and weed-free organic matter, pH range of 5.5 to 8; moisture content 35 to 55 percent by weight; 100 percent passing through 1-inch sieve; soluble salt content of 5 to 10 decisiemens/m; not exceeding 0.5 percent inert contaminants and free of substances toxic to plantings.
- B. Sphagnum Peat: Partially decomposed sphagnum peat moss, finely divided or of granular texture, with a pH range of 3.4 to 4.8.
- C. Muck Peat: Partially decomposed moss peat, native peat, or reed-sedge peat, finely divided or of granular texture, with a pH range of 6 to 7.5, and having a water-absorbing capacity of 1100 to 2000 percent.
- D. Wood Derivatives: Decomposed, nitrogen-treated sawdust, ground bark, or wood waste; of uniform texture and free of chips, stones, sticks, soil, or toxic materials.

REGA ENGINEERING GROUP

Project No.: REGA171036

- E. Manure: Well-rotted, unleached, stable or cattle manure containing not more than 25 percent by volume of straw, sawdust, or other bedding materials; free of toxic substances, stones, sticks, soil, weed seed, and material harmful to plant growth.

2.4 FERTILIZERS

- A. Fertilizer shall meet the requirements of Section 230 and 735 of the Nebraska Department of Roads, Standard Specifications, Version

2.5 PLANTING SOILS

- A. Planting Soil: as defined in Subsections 2.02 and 2.03 of this specification. Verify suitability of soil to produce viable planting soil. Clean soil of roots, plants, sod, stones, clods, clay lumps, pockets of coarse sand, concrete slurry, concrete layers or chunks, cement, plaster, building debris, and other extraneous materials harmful to plant growth.

2.6 MULCHES

- A. Straw Mulch: Provide air-dry, clean, mildew- and seed-free, salt hay or threshed straw of wheat, rye, oats, or barley.
- B. Sphagnum Peat Mulch: Partially decomposed sphagnum peat moss, finely divided or of granular texture, and with a pH range of 3.4 to 4.8.
- C. Muck Peat Mulch: Partially decomposed moss peat, native peat, or reed-sedge peat, finely divided or of granular texture, with a pH range of 6 to 7.5, and having a water-absorbing capacity of 1100 to 2000 percent.
- D. Compost Mulch: Well-composted, stable, and weed-free organic matter, pH range of 5.5 to 8; moisture content 35 to 55 percent by weight; 100 percent passing through 1-inch sieve; soluble salt content of 2 to 5 decisiemens/m; not exceeding 0.5 percent inert contaminants and free of substances toxic to plantings.
- E. Mulch matting such as jute or excelsior blanket, wheat straw, oat straw or wood chips 8-12 ton per acre shall be used on slopes greater than 4:1, contractor shall mechanically crimp materials into the slope.

2.7 PESTICIDES

- A. General: Pesticide, registered and approved by EPA, acceptable to authorities having jurisdiction, and of type recommended by manufacturer for each specific problem and as required for Project conditions and application. Do not use restricted pesticides unless authorized in writing by authorities having jurisdiction.

PART 3 EXECUTION

3.1 TURF AREA PREPARATION

- A. Newly Graded Subgrades: Loosen subgrade to a minimum depth of 6 inches. Remove stones larger than 1 inch in any dimension and sticks, roots, rubbish, and other extraneous matter and legally dispose of them off Owner's property.
 1. Apply superphosphate fertilizer directly to subgrade before loosening.
 2. Thoroughly blend planting soil off-site before spreading, apply soil amendments and fertilizer on surface, and thoroughly blend planting soil.

3. Spread planting soil to a depth of 6 inches but not less than required to meet finish grades after light rolling and natural settlement. Do not spread if planting soil or subgrade is frozen, muddy, or excessively wet.
- B. Unchanged Subgrades: If turf is to be planted in areas unaltered or undisturbed by excavating, grading, or surface-soil stripping operations, prepare surface soil as follows:
1. Remove existing grass, vegetation, and turf. Do not mix into surface soil.
 2. Loosen surface soil to a depth of at least 6 inches. Apply soil amendments and fertilizers according to planting soil mix proportions and mix thoroughly into top 6 inches of soil. Till soil to a homogeneous mixture of fine texture.
 - a. Apply superphosphate fertilizer directly to surface soil before loosening.
 3. Remove stones larger than 1 inch in any dimension and sticks, roots, trash, and other extraneous matter.
 4. Legally dispose of waste material, including grass, vegetation, and turf, off Owner's property.
- C. Finish Grading: Grade planting areas to a smooth, uniform surface plane with loose, uniformly fine texture. Grade to within plus or minus 1/2 inch of finish elevation. Roll and rake, remove ridges, and fill depressions to meet finish grades. Limit finish grading to areas that can be planted in the immediate future.

3.2 SODDING:

A. Preparation:

1. Prepare lawn areas to a smooth, even surface with a loose, uniformly fine texture. Roll and rake and remove ridges and fill depressions as required to provide a smooth surface.
2. Limit preparation to areas which can be sodded immediately after grading. Restore lawn areas to specified condition if eroded or otherwise disturbed after preparation of surface and prior to sodding.

- B. Fertilizing: Apply the specified fertilizer to surface of topsoil at a uniform rate of 10 pounds per one thousand (1,000) square feet, raking lightly into the soil.

C. Installing sod:

1. Lay sod within 24 hours from time of stripping. Do not install dormant sod or if ground is frozen.
2. Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod strips, do not overlap. Stagger strips to offset joints in adjacent courses. Peg sod on slopes as required to prevent slippage.

- D. Watering and rolling: Water sod thoroughly with a fine spray immediately after planting, so that the subgrade is totally soaked. Allow surface moisture to dry, then roll with a heavy motorized roller. No hand rollers will be allowed.

- E. Sodding periods: Sodding may be done during the following periods: Spring - April 15th through June 15; Fall - August 1st through November 1st. At the option and the full responsibility of the Contractor sodding may be done at other times when weather permits.

3.3 TURF MAINTENANCE

- A. Maintain and establish turf by watering, fertilizing, weeding, mowing, trimming, replanting, and performing other operations as required to establish healthy, viable turf. Roll, re-grade, and replant bare or eroded areas and re-mulch to produce a uniformly smooth turf. Provide materials and installation the same as those used in the original installation.

REGA ENGINEERING GROUP

Project No.: REGA171036

- B. Mow turf as soon as top growth is tall enough to cut. Repeat mowing to maintain height appropriate for species without cutting more than 1/3 of grass height. Remove no more than 1/3 of grass-leaf growth in initial or subsequent mowings.
- C. Apply pesticides and other chemical products and biological control agents in accordance with authorities having jurisdiction and manufacturer's written recommendations. Coordinate applications with Owner's operations and others in proximity to the Work. Notify Owner before each application is performed.

3.4 SATISFACTORY TURF

- A. Turf installations shall meet the following criteria as determined by Engineer:
 - 1. Satisfactory Seeded Turf: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. (0.92 sq. m) and bare spots not exceeding 5 by 5 inches.
- B. Use specified materials to reestablish turf that does not comply with requirements and continue maintenance until turf is satisfactory.

END OF SECTION