

INVITATION TO BID

STATE OF ALABAMA

COUNTY OF BALDWIN

NOTICE IS HEREBY GIVEN that the County Commission of Baldwin County, Alabama, will receive bids in the Purchasing Office on March 23, 2022, at 2:00 P.M., for the Provision of Erosion Control Materials for the Baldwin County Commission. Bids will be opened on March 23, 2022, at 2:30 P.M. in the Purchasing Conference Room located at 257 Hand Ave., Bay Minette, Alabama. Bids received after the March 23, 2021, at 2:00 P.M. deadline will not be considered. All times to be determined solely by the clock on the wall of the Purchasing Conference Room. For all purposes and uses herein, a bid and all required paperwork is "received" at the time and date indicated on the Purchasing Office file stamp which shall be impressed on the face of all such documents when and as presented at the Purchasing Office.

SEE ATTACHED SPECIFICATIONS

This invitation package consists of **TWENTY-SIX (26)** pages. Bidders shall verify that they have received all pages as indicated. If all pages have not been received, then it is the responsibility of the bidder to contact the Purchasing Director, Wanda Gautney at (251) 580-2520 phone, (251) 580-2536 fax.

GENERAL BID INFORMATION

Bidders shall carefully read all parts of the invitation package with its accompanying schedules and attachments, if any. Bidders shall direct all requests for explanation or additional information concerning the meaning or interpretation of the conditions or attached specifications of this invitation shall be referred to Wanda Gautney in writing or e-mail (wgautney@baldwincountyal.gov) in sufficient time for reply before submission date of bids. The Commission cannot and does not guarantee that inquiries sent by mail or e-mail will be received on or before the submission date and time as indicated. It is the responsibility of the bidder to contact the Purchasing Director, Wanda Gautney at (251) 580-2520 if a reply is not received.

The use of specific names and numbers in the attached specifications is not intended to restrict the bidder or any seller or manufacturer but is solely for the purpose of indicating the type, size and quality of materials, product services, or equipment considered best suited for Baldwin County.

Contact initiated by a potential bidder with Baldwin County Commissioners will be only as specifically set out in this invitation. Any other contact with a county official initiated by a potential bidder or bidder regarding this bid, **between the date of this invitation to the date of bid award**, shall be deemed and treated as an attempt to improperly influence the bid award, and

may be sufficient grounds for rejection of the bid submitted by the bidder initiating such other contact, at the discretion of the Baldwin County Commission.

BIDDER QUALIFICATIONS

All bidders, to the best of their knowledge and belief, must be in, and remain in compliance with all applicable Federal, Alabama State, County and municipal laws, regulations, resolutions and ordinances. In particular, and without limitation, all bidders must be licensed and permitted in accordance with The Code of Alabama Title 10, concerning corporations doing business within Alabama, Title 34, dealing with licensing for businesses, Title 40, concerning licenses and taxation, unless otherwise exempt. All bidders should be prepared to timely submit to the County non-confidential evidence or documentation demonstrating that the fact they are presently licensed and permitted under Alabama law. Such non-confidential evidence or documentation is encouraged to be submitted with the Bid Package

The bidder expressly acknowledges, to and for the benefit of the Baldwin County Commission, that this Agreement may be funded with **federal grant monies** and, therefore, bidder expressly warrants and agrees that it shall at all times comply with all applicable federal, state, local and municipal laws and regulations. For more information about the Federal regulations visit the website <http://www.gpoaccess.gov/index.html> Code of Federal Regulations. **The Certification Regarding Lobbying form must be completed and submitted in your response package.** (See attached Form)

All bidders must provide proof of proper certification of authority, and any required registration, to transact business in this State, in order to perform work for the Baldwin County Commission. Bidder's Registration Number shall be provided on the Bid Response Form. The phone number for the Alabama Secretary of State is (334) 242-5324, Corporate Division.

All vendors, contractors and grantee are required to comply with the Alabama Immigration Law under Sections 31-13-9 (a) and (b) of the Code of Alabama. Forms and documents will be included with award documents. Information and forms can be found on the Baldwin County Commission's Purchasing website under E-Verify at www.baldwincountyal.gov

All bidders that qualify as a Disadvantaged Business Enterprise (DBE) must provide supporting documentation in their bid response along with the completed DBE Registration form that may be downloaded from the County website www.baldwincountyal.gov A Disadvantaged Business Enterprise or DBE means a for-profit small business that (1) is at least 51% owned by one or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which 51% of the stock is owned by one or more such individuals; and (2) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.

PREPARING THE BID

Bids must be typed or handwritten in ink. A bid submitted in pencil shall not be accepted. The Bid Guarantee and Bid Response Form must be an original; copies shall not be accepted. All required paperwork must be received in the sealed Bid Package.

The attached specifications are intended and provided solely as a general and non-exhaustive expression of the intent and purpose of Baldwin County regarding this bid; said specifications shall be so considered by the bidders. Accordingly, the bidder admits and agrees that said specifications are not complete in every detail and that the work and materials not indicated or expressly mentioned in said specifications, but which are reasonably necessary for the full and faithful performance of the item(s) bid in accordance with the full and faithful intent, will be included in the bid and incorporated in the work by the bidder and at the bidder's sole expense, the same as if indicated and specified.

The Bidders shall list on a separate sheet of paper any variations from, or exceptions to, the conditions and specifications of this bid. The exceptions shall be labeled **"EXCEPTION(S) TO BID CONDITIONS AND SPECIFICATIONS,"** and shall be attached to the front of the bid inside the Bid Package. Additional features and/or capabilities not included in the specifications may be included in the bid.

To facilitate bid evaluation and tabulation, it is suggested that bids be submitted with specifications identified in the order in which they appear in this document. If applicable, the bidder will provide cost in two (2) categories:

- (1) Cost using material as specified.
- (2) Cost using material as specified of at least 25% recycled material, if available.

It is the intent of the Commission to award bids which include recycled material when not prohibitive in cost and when in compliance with all other terms and conditions of the Alabama Competitive Bid Law.

A BID GUARANTEE OF \$500.00 MUST BE INCLUDED WITH YOUR BID RESPONSE.

Such bid guarantee shall be a bid bond (individual or annual, provided, that bonding is available for such services, equipment or materials), postal money order, certified check, cashier's check, Letter of Credit, or certain bonds or note of the United States. This is required by the Alabama Competitive Bid Law, Title 41, Chapter 16, **Code of Alabama 1975**, as amended; **no exceptions will be allowed.**

SUBMITTING THE BID

In the event that a bidder is financing the product(s) through another agency other than itself, the financing agency must sign the Bid Response Form along with the bidder. A copy of the financing agreement and all conditions must be included with the Bid Response Form. The bidder and the Financing Agency will be held to the requirements stated in the Invitation to Bid. Any assignment of the financing agreement must be approved by the financing agency and the County Commission. Failure to disclose the financing information and all conditions will disqualify the bidder at the County's discretion.

Bidders who return a **NO BID** statement shall write on the outside of the envelope, the **Bid Number (WG22-28) with “NO BID”** written underneath. The envelope will not be opened in public, but it will be noted that the bidder did respond.

Bids may be hand delivered at any time prior to the bid opening date and time to the Baldwin County Purchasing Office, Annex III Building, 257 Hand Avenue, ATTN.: Wanda Gautney, **(mailing address) 312 Courthouse Square-Suite 15, Bay Minette, Alabama, 36507**. The Commission cannot guarantee that bids sent by mail or courier will be received on or before the bid opening day and time as required. Bids received after the deadline shall not be accepted and shall be returned.

All bids received must be in a sealed envelope plainly marked, **“WG22-28” “Provision of Erosion Control Materials”**. Bids submitted by “Express/Overnight” services must be in a separate inner envelope/package sealed and identified as stated in the previous sentence. Bidders and any other interested individuals are invited to attend the bid opening.

BID AWARD

All factors stated in this invitation package will be evaluated in determining the successful bidder and any omission(s) of the stated requirements may be cause for rejection of the bid(s), all as determined solely by the Baldwin County Commission.

The County Commission reserves the right to study bids as to their correctness and may award the bid within a thirty (30) day period but the County Commission reserves the right to extend the bid award for an additional thirty (30) days until an award decision can be made.

The Baldwin County Commission reserves the right to reject any and all bids, to waive any formality in bids, and to accept in whole or in part, such bid or bids, solely at its discretion.

TITLE 39/CODE OF AL COMPLIANCE

As a condition of any Bid Award and the respective contract(s) pursuant thereto, the County places full reliance upon the fact that it is the sole responsibility of any contractor, person or entity entering into such a contract with Baldwin County for the prosecution of any public works, to ensure that they and/or any of their respective agents comply with all applicable provisions of Title 39-1-1 et seq. Code of AL 1975.

More specifically, any contractor, person or entity entering into such a contract with Baldwin County for the prosecution of any public works shall be in compliance with, and have full knowledge of, the following provisions of Title 39:

“(f) The Contractor shall, immediately after the completion of the contract give notice of the completion by an advertisement in a newspaper of general circulation published within the city or county in which the work has been done, for a period of four successive weeks. A final settlement shall not be made upon the contract until the expiration of 30 days after the completion of the notice. Proof of publication of the notice shall be made by the contractor to the authority by whom the contract was made by affidavit

of the publisher and a printed copy of the notice published . . .” §39-1-1(f) Code of AL 1975.

“(g) Subsection (f) shall not apply to contractors performing contracts of less than fifty thousand (\$50,000) in amount. In such cases, the governing body of the contracting agency, to expedite final payment, shall cause notice of final completion of the contract to be published one time in a newspaper of general circulation, published in the county of the contracting agency and shall post notice of final completion on the agency’s bulletin board for one week, and shall require the contractor to certify under oath that all bills have been paid in full. Final settlement with the contractor may be made at any time after the notice has been posted for one entire week.” §39-1-1 (g) Code of AL 1975.

NOTE: Any failure to fully comply with this section or any applicable laws of the State of Alabama shall be deemed a material breach of the terms of both the Bid Award and the Respective contracts resulting there from. Furthermore, Baldwin County takes no responsibility for resulting delayed payments, penalties, or damages as a result of any failure to strictly comply with Alabama Law.

Done this 2nd day of March, 2022.

James E. Ball _____s/s
JAMES E. BALL, Chairman
Baldwin County Commission

BID #WG22-28 SPECIFICATIONS

These specifications shall be construed as minimum. Should manufacturer's current published data or specifications exceed these, such standards shall be considered minimum and furnished.

All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working product shall be furnished.

Bidder shall give a unit price as indicated on the Bid Response Form. The price shall include all applicable charges, to include but not limited to delivery, etc.

The use of specific names and numbers in the specifications is not intended to restrict the bidder or any seller or manufacturers but is solely for the purpose of indicating the type, size and quality of equipment considered best adapted to Baldwin County.

BID RESPONSE FORM

Each supplier should use the Response Form provided for their bid. Exceptions are to be attached to the back of the Response Form. The Bid Guarantee should be attached to the front of the Response Form. Each supplier should complete the Certification of Lobbying in the bid specifications and return with your Bid Response Form. Title 43 CFR Sec. 18 can be downloaded from the County website www.baldwincountyal.gov

A BID GUARANTEE OF \$500.00 MUST BE INCLUDED WITH YOUR BID RESPONSE.

DELIVERY

Delivery as soon as possible, but not more than ten (10) business days after receipt of order, **unless noted otherwise.**

A Purchase Order will be issued for the materials and quantities listed. Delivery shall be made to the location listed on the Purchase Order.

No bid may be withdrawn for a period of thirty (30) days following the bid opening unless approved by the Baldwin County Commission, Bay Minette, Alabama.

AWARD

The bid will be awarded to the lowest responsible bidder complying with the conditions of the bid invitation provided that said bid is reasonable and is in the best interest of Baldwin County. In addition to the lowest responsible bidder for the provision of Solid Sod, a secondary vendor will be awarded to next lowest responsible bidder. These specifications shall be construed as minimum. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished.

LAWS AND REGULATIONS

The bidder's attention is directed to the fact that all applicable federal and state laws, municipal ordinances, and rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full.

LEGAL COMPLIANCE

The Contractor shall at all times comply with all applicable federal, state, local and municipal laws and regulations, including but not limited to Title 43 CFR Sec. 12.76 paragraphs (b) through (i); Title 43 CFR Sec. 18 (Lobbying).

BUY AMERICAN REQUIREMENTS

The Contractor acknowledges to and for the benefit of Baldwin County Commission of the State of Alabama that it understands that some of the goods and services under this Agreement may be funded with **federal monies** made available by the U. S. Department of the Interior - Coastal Impact Assistance Program (CIAP) and such laws contains provision commonly known as "Buy American" that requires all of the iron, steel and manufactured goods used in the project be produced in the United States ("Buy American Requirements"), including iron, steel, and manufactured goods provided by the Contractor pursuant to this Agreement. The Contractor hereby represents and warrants to and for the benefit of the Baldwin County Commission that (a) the Contractor has reviewed and understands the Buy American Requirements, (b) all of the iron, steel, and manufactured goods used in the project will be and/or have been produced in the United States in a manner that complies with the Buy American requirements, unless a waiver of the requirements is approved, and (c) the Contractor will provide any further verified information, certification, or assurance of compliance with this paragraph, or information necessary to support a waiver of the Buy American Requirements, as may be requested by the County. As such, all products furnished by the CONTRACTOR under this contract must comply with, without limitations, the "Buy American" provisions of Title 43 CFR Sec. 12.700 through 12.830 U. S. Department of Interior.

BID # WG22-28 SPECIFICATIONS
Provision of Erosion Control Materials – SOLID SOD

Baldwin County requests bids for the provision of Solid Sod in accordance with Section 860.05 of the State of Alabama Highway Department Standard Specifications for Highway Construction, latest edition.

Bidders shall provide bids for the various types of sod they can supply on the Bid Response Form. The County requests bids for block sod, mini rolls and 30” rolls of sod. Bidders shall provide the cost per square yard for sod delivered by the bidder to various Baldwin County locations and the cost per square yard for sod picked up by the County at the supplier’s place of business. Specify location for County pickup.

Copies of all sales order tickets shall be attached to invoices and mailed with a monthly statement to the Baldwin County Commission, Accounts Payable, 312 Courthouse Square, Suite 11, Bay Minette, Alabama, 36507, in order for invoices to be paid. The total amount of materials and the cost per square yard shown on invoices and sales tickets shall match and the cost per square yard shall be the same as listed on the Award Listing.

Delivery should be made as soon as possible, **but not more than (24) hours after receipt of order.**

In the event that the awarded bidders Facility is not open for business or cannot deliver the amount of material needed on the day of the order, the County at their sole discretion, may choose to pick up, or have delivered the material from the secondary awarded bidder thus becoming the prime supplier for that day. This will be noted by a notation being placed at the bottom of the request for materials by the County Representative that has contacted the awarded bidder, by doing so the County will not violate the Bid Specifications. This in no way relieves the bidder from delivering the materials to the County.

All Costs and expenses related to the supplier’s failure to deliver material as and when specified, including without limitation the cost of the material itself, shall be borne solely by the supplier, and the County shall not be responsible or liable for any such cost or expenses.

Prices bid shall be effective for twelve (12) months beginning the date of award.

BID #WG22-28 RESPONSE FORM

Provision of Erosion Control Materials – SOLID SOD

Date: _____

Company Name: _____

Address: _____

Company Rep. _____
(Rep. Name Typed or Printed)

Position: _____

Email address: _____

Phone: _____

Fax: _____

Location for County to Pick-up Sod: _____

Sod Type	Cuts	Price per Square Yard DELIVERED	Price per Square Yard PICKED-UP
Centipede	Block	_____	_____
Centipede	Mini Rolls	_____	_____
Centipede	30" Rolls	_____	_____
Bermuda/Tifton	Block	_____	_____
Bermuda/Tifton	Mini Rolls	_____	_____
Bermuda/Tifton	30" Rolls	_____	_____
Celebrations Bermuda	Block	_____	_____
Celebrations Bermuda	Mini Rolls	_____	_____
Celebrations Bermuda	30" Rolls	_____	_____
St. Augustine	Block	_____	_____
St. Augustine	Mini Rolls	_____	_____
St. Augustine	30" Rolls	_____	_____

BID # WG22-28 SPECIFICATIONS

Provision of Erosion Control Materials – GRASS SEEDS

Grass Seeds shall be in accordance with Section 860.01 of the State of Alabama Highway Department Standard Specifications for Highway Construction, latest edition.

Seeds shall be certified by an Official Seed Certifying Agency. Seeds shall have been tested within nine months prior to use. Each kind of seed shall be separately packed and delivered in a seed-tight bag. Each bag shall bear a tag or label bearing the seal of the Official Seed Certifying Agency. The analysis of the seed (% pure seed, % germination, date tested, etc.) shall be attached to each bag.

Bidders shall provide cost per pound of grass seed delivered by the bidder (including shipping cost) to various Baldwin County locations and the cost per pound of grass seed picked up by the County at the supplier's place of business. The County Engineer or his designee will factor in the supply location in determining the low bidder for grass seed picked-up. A per-road mile truck operating cost will be multiplied times the road miles of the best route between the supply location and each **"Maintenance Area" for all material picked up by Baldwin County**. Specify location for County pickup.

Prices bid shall be effective for twelve (12) months beginning the date of award.

BID #WG22-28 RESPONSE FORM

Provision of Erosion Control Materials – GRASS SEEDS

Page 1 of 4

Date: _____

Company Name: _____

Address: _____

Company Rep. _____
(Rep. Name Typed or Printed)

Position: _____

Email address: _____

Phone: _____

Fax: _____

Location for County to Pick-up Grass Seeds: _____

BID #WG22-28 RESPONSE FORM

Provision of Erosion Control Materials – GRASS SEEDS

Page 2 of 4

Area 100

Seed Type	Price per Pound DELIVERED	Price per Pound PICKED-UP
Annual Rye Grass	_____	_____
Tall Fescue	_____	_____
Crimson Clover	_____	_____
Brown Top Millet	_____	_____
Unhulled Bermuda	_____	_____
Hulled Bermuda	_____	_____
Pensacola Bahia	_____	_____
Centipede	_____	_____
Kentucky 31 Fescue	_____	_____
Weeping Lovegrass	_____	_____
Annual Lespedeza (Kobe)	_____	_____
PreMix Summer Seed Blend	_____	_____
Crimson Clover 4.75%		
Brown Top Millet 19%		
Hulled Bermuda 5%		
Pensacola Bahia 16%		
Kentucky 31 Fescue 48%		
Annual Lespedeza (Kobe) 2%		
PreMix Winter Seed Blend	_____	_____
Crimson Clover 9%		
Gulf Rye 13%		
Unhulled Bermuda 9%		
Pensacola Bahia 9%		
Kentucky 31 Fescue 50%		

BID #WG22-28 RESPONSE FORM

Provision of Erosion Control Materials – GRASS SEEDS

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Area 200

Seed Type	Price per Pound DELIVERED	Price per Pound PICKED-UP
Annual Rye Grass	_____	_____
Tall Fescue	_____	_____
Crimson Clover	_____	_____
Brown Top Millet	_____	_____
Unhulled Bermuda	_____	_____
Hulled Bermuda	_____	_____
Pensacola Bahia	_____	_____
Centipede	_____	_____
Kentucky 31 Fescue	_____	_____
Weeping Lovegrass	_____	_____
Annual Lespedeza (Kobe)	_____	_____
PreMix Summer Seed Blend	_____	_____
Crimson Clover 4.75%		
Brown Top Millet 19%		
Hulled Bermuda 5%		
Pensacola Bahia 16%		
Kentucky 31 Fescue 48%		
Annual Lespedeza (Kobe) 2%		
PreMix Winter Seed Blend	_____	_____
Crimson Clover 9%		
Gulf Rye 13%		
Unhulled Bermuda 9%		
Pensacola Bahia 9%		
Kentucky 31 Fescue 50%		

BID #WG22-28 RESPONSE FORM

Provision of Erosion Control Materials – GRASS SEEDS

Page 4 of 4

Area 300

Seed Type	Price per Pound DELIVERED	Price per Pound PICKED-UP
Annual Rye Grass	_____	_____
Tall Fescue	_____	_____
Crimson Clover	_____	_____
Brown Top Millet	_____	_____
Unhulled Bermuda	_____	_____
Hulled Bermuda	_____	_____
Pensacola Bahia	_____	_____
Centipede	_____	_____
Kentucky 31 Fescue	_____	_____
Weeping Lovegrass	_____	_____
Annual Lespedeza (Kobe)	_____	_____
PreMix Summer Seed Blend	_____	_____
Crimson Clover 4.75%		
Brown Top Millet 19%		
Hulled Bermuda 5%		
Pensacola Bahia 16%		
Kentucky 31 Fescue 48%		
Annual Lespedeza (Kobe) 2%		
PreMix Winter Seed Blend	_____	_____
Crimson Clover 9%		
Gulf Rye 13%		
Unhulled Bermuda 9%		
Pensacola Bahia 9%		
Kentucky 31 Fescue 50%		

BID #WG22-28 RESPONSE FORM**Provision of Erosion Control Materials – FERTILIZER**

Fertilizer shall be in accordance with Section 860.12 of the State of Alabama Highway Department Standard Specifications for Highway Construction, latest edition.

Fertilizer shall be tested by current methods adopted by the Association of Official Agricultural Chemists and shall comply with Alabama Fertilizer Laws, Title 2, Sections 282-300, Alabama Code of 1940 as amended.

Manufactured fertilizer shall be standard commercial products and shall contain not less than the percentages by weight {mass} of the ingredients set out in the following table:

TYPE	Nitrogen N	Phosphorus P ₂ O ₅	Potash K ₂ O
13-13-13	13	13	13
10-10-10	10	10	10
8-8-8	8	8	8

All fertilizers shall be transported in bags not to exceed 100 pounds.

Agricultural limestone shall be crushed or ground to such a degree of fineness that 90 percent of the material will pass through a 10 {2.00 mm} mesh screen and not less than 50 percent of the material will pass through a 60 {250 µm} mesh screen. All such limestone shall also have a neutralizing value of 90 percent calcium carbonate or better.

Agricultural limestone bought in bulk shall include the rental of a buggy for transporting the material that can be pulled by a truck.

Bidders shall provide cost per pound of fertilizer delivered by the bidder (including shipping cost) to various Baldwin County locations and the cost per pound of fertilizers picked up by the County at the supplier's place of business. Specify location for County pickup.

Prices bid shall be effective for twelve (12) months beginning the date of award.

BID #WG22-28 RESPONSE FORM

Provision of Erosion Control Materials – FERTILIZER

Page 1 of 1

Date: _____

Company Name: _____

Address: _____

Company Rep. _____
(Rep. Name Typed or Printed)

Position: _____

Email address: _____

Phone: _____

Fax: _____

Location for County to Pick-up Fertilizer: _____

<u>Fertilizer Type</u>	<u>Price per Pound DELIVERED</u>	<u>Price per Pound PICKED-UP</u>
13-13-13	_____	_____
10-10-10	_____	_____
8-8-8	_____	_____
Agricultural Lime (Bag)	_____	_____
Agricultural Lime (Bulk)	_____ /ton	_____ /ton

BID # WG22-28 SPECIFICATIONS

Provision of Erosion Control Materials – SILT FENCE

Silt Fence

Silt Fence shall be in accordance with Section 665.02 (i) of the State of Alabama Highway Department Standard Specifications for Highway Construction, latest edition.

Silt Fence shall meet or exceed these minimum standards as shown below. A list of qualified products can be found on the ALDOT approved list of Qualified Materials in the Materials; Sources & Devices with Special Acceptance Requirements Manual found on **Attachment A**.

Type “A” Silt Fence Kit

Shall meet Alabama Department of Transportation approved specifications for 48” wide

Type “A” silt fence

Provide Alabama Department of Transportation Certification with each shipment

Must be from an approved ALDOT sources list.

1. 34- 5’ long painted steel posts with anchor plate for vertical stability
2. 1 - roll of approved geotextile filter fabric
3. 1 - roll of 39” wide 330’ long 14 gage steel wire mesh
4. 200 each hog rings used to attach the geotextile fabric to the hog wire
5. 100 each “T” clips used to attach the hog wire to the posts

The components come in a kit form but unassembled.

Type “B” Silt Fence Kit

Shall meet Alabama Department of Transportation approved specifications with following as minimum.

1. 100’ long rolls
2. 13 hardwood posts/roll
3. 36” wide
4. 1 ½ " true size posts

C-Flex T Black Mesh Trash Fence

C-Flex T Fence shall meet or exceed these minimum standards as shown below

1. 6’ x 330’ Dimension
2. Weight: 36 lbs.
3. Polymer Type – Polypropylene, Structure – Quadrangular, Color – Black
4. MD PITCH – Unit inch 2.17, TD PITCH – Unit inch 2.17
5. Tensile Strength 411.2 lbs./ft. per MD Elongation of 15
6. 8’ x 330’ Dimension
7. Weight: 49 lbs.
8. Polymer Type – Polypropylene, Structure – Quadrangular, Color – Black
9. MD PITCH – Unit inch 2.17, TD PITCH – Unit inch 2.17
10. Tensile Strength 411.2 lbs./ft. per MD Elongation of 15

Wattles/Sediment Logs

A wattle/Sediment Log shall be a tubular shaped product specifically manufactured for erosion and sediment control. It shall be made from interwoven biodegradable plant material such as straw, coir, or wood shavings in biodegradable or photodegradable netting that is of sufficient strength to resist damage during handling, installation and use.

Wattles/Sediment Logs products shall meet or exceed these minimum standards as shown below. A list of qualified products can be found on the ALDOT approved list of Qualified Materials in the Materials, Sources & Devices with Special Acceptance Requirements Manual found on **Attachment B**.

	Wattles		Sediment Logs	
Nominal Diameter	12 in.	20 in.	12 in.	20 in.
Minimum Diameter	11.5 in	19.0 in	11 in	18 in
Length ($\pm 10\%$)	10 ft	10 ft	10 ft	10 ft
Weight ($\pm 10\%$)	30 lb	60 lb	20 lb	30 lb
Density ($\pm 10\%$)	3.80 lb/ft ³	2.75 lb/ft ³	2.54 lb/ft ³	1.38

Bidders shall provide cost per foot of Wattles/Sediment logs delivered by the bidder (including shipping cost) to various Baldwin County locations and the cost per foot of Wattles/Sediment logs picked up by the County at the supplier's place of business. Specify location for County pickup.

Bid prices shall be applicable for Wattles/Sediment logs to be ordered between **April 6, 2021 and April 6, 2022**.

Rolled Erosion Control Products (RECPs)

Erosion Control Blankets shall be in accordance with Section 860.11 of the State of Alabama Highway Department Standard Specifications for Highway Construction, latest edition. Rolled Erosion Control products shall meet or exceed the minimum performance standards as required for ECP's for slope and channel protection. A list of qualified products can be found on the ALDOT approved list of Qualified Materials in the Materials; Sources & Devices with Special Acceptance Requirements Manual found in **Attachment C**.

Bidders shall provide bids for the various types of Rolled Erosion Control Products they can supply on the Bid Response Form for each functional longevity. Bidders shall provide cost per square yd of Rolled Erosion Control Products delivered by the bidder (including shipping cost) to various Baldwin County locations and the cost per square yd of Rolled Erosion Control Products picked up by the County at the supplier's place of business. Specify location for County pickup.

Bid prices shall be applicable for Rolled Erosion Control Products to be ordered between **April 6, 2021 and April 6, 2022**.

Sod Staples

Sod Staples shall be 11-gauge galvanized steel, 6-inch U-shaped staples with 6-inch legs, and 1-inch crown. 1000/Box

Bidders shall provide cost per box of Sod Staples delivered by the bidder (including shipping cost) to various Baldwin County locations and the cost per box of Sod Staples picked up by the County at the supplier's place of business. Specify location for County pickup.

Prices bid shall be effective for twelve (12) months beginning the date of award.

Geotextiles (Filter Fabric)

Geotextiles shall be in accordance with Section 810 of the State of Alabama Highway Department Standard Specifications for Highway Construction, latest edition.

Geotextiles shall consist of long-chain synthetic polymers, composed of at least 85 percent by weight polyolefins, polyesters, or polyamids that shall be formed into a network such that the filaments or yarns retain dimensional stability relative to each other.

Geotextiles shall meet or exceed the following minimum values:

Property	Method	Nonwoven 4.0 oz/sy Requirement	Nonwoven 8.0 oz/sy Requirement
Grab Strength (lbs)	ASTM D 4632	90	200
Elongation (%)	ASTM D 4632	50	50
Puncture Strength (lbs)	ASTM D 4833	60	100
Trapezoid Tear (lbs)	ASTM D 4533	40	80
UV Resistance , % Retained	ASTM D 4355	70	70
Permittivity (Sec ⁻¹)	ASTM D 4491	2.00	1.40

Property	Method	Woven Requirement
Grab Strength (lbs)	ASTM D 4632	270
Elongation (%)	ASTM D 4632	15
Puncture Strength (lbs)	ASTM D 4833	100
Trapezoid Tear (lbs)	ASTM D 4533	100
UV Resistance , % Retained	ASTM D 4355	70
Permittivity (Sec ⁻¹)	ASTM D 4491	0.08

Geotextile filter fabric will be purchased by the roll.

Geogrid

Geogrid shall be in accordance with section 243 of the state of Alabama Highway Department standard specifications for highway construction, latest edition. Geogrid shall meet or exceed the minimum performance standards as required for Geosynthetics for slope and soft soil reinforcement. A list of qualified products can be found on the ALDOT approved list of qualified Materials in the Materials, Sources, & Devices with Special Acceptance Requirements Manual.

The applicable test methods required for measuring strength and creep must meet ASTM D 4595, ASTM D 5262 AND ASTM D 6637.

Reinforcement for soil slopes shall be any geosynthetic whose strength in the machine direction equals or exceeds the values shown in the following table:

SOIL SLOPE REINFORCEMENT TYPE	CREEP REDUCED STRENGTH AT A 10 % TOTAL STRAIN LIMIT (minimum) pounds per foot {kN/m}	TEST METHOD *
1	1000 {14.6}	ASTM D 5262
2	2500 {36.5}	
3	3400 {49.6}	
* Ultimate Strength measured in accordance with ASTM D 4595 or D 6637.		

Reinforcement for soft soil stabilization shall be any geosynthetic whose strength equals or exceeds values shown in the following table:

SOFT SOIL STABILIZATION REINFORCEMENT TYPE	ULTIMATE STRENGTH, MACHINE DIRECTION (minimum) pounds per foot {kN/m}	ULTIMATE STRENGTH, CROSS MACHINE DIRECTION (minimum) pounds per foot {kN/m}	STRENGTH AT 5% STRAIN, MACHINE DIRECTION (minimum) pounds per foot {kN/m}	STRENGTH AT 5% STRAIN, CROSS MACHINE DIRECTION (minimum) pounds per foot {kN/m}	TEST METHOD
1	900 {13.1}	900 {13.1}	500 {7.3}	500 {7.3}	ASTM D 6637 ASTM D 4595
2	1300 {19.0}	1300 {19.0}	800 {11.7}	800 {11.7}	
3	2100 {30.7}	2100 {30.7}	1200 {17.5}	1200 {17.5}	

Bidders shall provide a bid for the Geogrid they can supply on the bid response form. Bidders should provide cost per square yard of geogrid delivered by the bidders “including shipping cost” to various county locations and the cost per square yard of Geogrids picked up by the county at the supplier’s place of business. Specify locations for county pick up.

Prices bid shall be effective for twelve (12) months beginning the date of award.

BID # WG22-28 SPECIFICATIONS

Provision of Erosion Control Materials – SILT FENCE

Page 1 of 2

Date: _____

Company Name: _____

Address: _____

Company Rep. _____
(Rep. Name Typed or Printed)

Position: _____

Email address: _____

Phone: _____

Fax: _____

Location for County to Pick-up Silt Fencing Materials: _____

Description	Product Bid	Price DELIVERED	Price PICKED-Up
Type "A" Silt Fence Kit	_____	_____/LF	_____/LF
Type "B" Silt Fence Kit	_____	_____/LF	_____/LF
6' C-Flex T Fencing	_____	_____/LF	_____/LF
8' C-Flex T Fencing	_____	_____/LF	_____/LF
Wattles (12 in.)	_____	_____/LF	_____/LF
Wattles (20 in.)	_____	_____/LF	_____/LF
Sediment Logs (12 in.)	_____	_____/LF	_____/LF
Sediment Logs (20 in.)	_____	_____/LF	_____/LF
Type S3 RECPs – 3 Month	_____	_____/YD ²	_____/YD ²
Type S3 RECPs – 12 Month	_____	_____/YD ²	_____/YD ²
Type S2 RECPs – 12 Month	_____	_____/YD ²	_____/YD ²

BID # WG22-28 SPECIFICATIONS

Provision of Erosion Control Materials – SILT FENCE

Page 2 of 2

Description	Product Bid	Price DELIVERED	Price PICKED-Up
Type S1 RECPs – 24 Month	_____	_____/YD ²	_____/YD ²
Type S1 RECPs – 36 Month	_____	_____/YD ²	_____/YD ²
Type S1 RECPs – Perm.	_____	_____/YD ²	_____/YD ²
Type C2 RECPs – 12 Month	_____	_____/YD ²	_____/YD ²
Type C2 RECPs – 24 Month	_____	_____/YD ²	_____/YD ²
Type C2 RECPs – 36 Month	_____	_____/YD ²	_____/YD ²
Type C6 RECPs – Perm.	_____	_____/YD ²	_____/YD ²
Type C10 RECPs – Perm.	_____	_____/YD ²	_____/YD ²
Sod Staples	_____	_____/Box	_____/Box
Nonwoven Geotextile 4.0 oz per YD ² (Filter Fabric)	_____	_____/YD ²	_____/YD ²
Nonwoven Geotextile 8.0 oz per YD ² (Filter Fabric)	_____	_____/YD ²	_____/YD ²
Woven Geotextile (Filter Fabric)	_____	_____/YD ²	_____/YD ²
Soil Slope Reinforcement Type 1	_____	_____/YD ²	_____/YD ²
Soil Slope Reinforcement Type 2	_____	_____/YD ²	_____/YD ²
Soil Slope Reinforcement Type 3	_____	_____/YD ²	_____/YD ²
Soft Soil Reinforcement Type 1 “Geogrid”	_____	_____/YD ²	_____/YD ²
Soft Soil Reinforcement Type 2 “Geogrid”	_____	_____/YD ²	_____/YD ²
Soft Soil Reinforcement Type 3 “Geogrid”	_____	_____/YD ²	_____/YD ²

Any brochures or specification material that shows the materials that is being offered should be attached to this Response Form.

BID # WG22-28 SPECIFICATIONS**Provision of Erosion Control Materials – ARTICULATING CONCRETE BLOCK MATS**

Articulating Concrete Block Mats shall be pre-manufactured as an assembly of concrete blocks when connected into mattresses by the use of revetment cables. The individual grid blocks shall consist of a homogeneous mass of consolidated concrete and shall be machined-made by a vibration and compression process and composed of approved aggregates with a no-slump concrete mix. Cement shall conform to ASTM C 150 (Portland Cement) and Aggregates to ASTM C 33 requirements.

The interlocking Articulating Concrete blocks shall meet the following physical characteristics requirements:

Compressive Strength (min)	3,500 psi @ 28 Days	ASTM C 140
Maximum Water Absorption (lb/ft ³)	9.1	ASTM C 140
Minimum Unit Coverage (ft ²)	1.5	
Percentage Open Area	10-20 %	

Revetment cables shall be galvanized steel cables that exhibit resistance to mild concentrations of acids, alkalis, and solvents. Revetment cables shall extend through two or more tunnels in each block in a manner that provides for binding of the mattresses in both the longitudinal and lateral directions that conform to ASTM D 4268-93 requirements. The cables inserted into the mats shall form lifting loops at one end of the mat with the corresponding cable ends spliced together to form a lifting loop at the other end of the mat. Selection of cable size and fittings shall be made in a manner that insures a safe design factor for mats being lifted from both ends.

Anchors shall be galvanized steel and have a minimum pull resistance of 2,000 pounds.

The cellular concrete mats shall have the ability for fabrication in various lengths and widths.

The bidder shall furnish the manufacturer's certificates of compliance for cellular concrete block mats, revetment cable, and any revetment cable fittings and connectors. The bidder shall also furnish the manufacturer's specifications for placement of cellular concrete block mats.

Bidders shall provide all costs, including freight per square foot of Articulating Concrete Block Mats delivered by the bidder to various Baldwin County locations and the cost excluding freight per square foot of Articulating Concrete Block Mats picked up by the County at the supplier's place of business. Specify location for County pickup.

Prices bid shall be effective for twelve (12) months beginning the date of award.

BID # WG22-28 SPECIFICATIONS

Provision of Erosion Control Materials – ARTICULATING CONCRETE BLOCK MATS

Page 1 of 1

Date: _____

Company Name: _____

Address: _____

Company Rep. _____
(Rep. Name Typed or Printed)

Position: _____

Email address: _____

Phone: _____

Fax: _____

Location for County to Pick-up Materials: _____

Type	Dimensions H x W x L	Price per Square Foot DELIVERED	Price per Square Foot PICKED-UP
Open Cell	4.75 x 15.5 x 17.4	_____	_____
Open Cell	6.0 x 15.5 x 17.4	_____	_____
Open Cell	8.0 x 15.5 x 17.4	_____	_____
Closed Cell	4.75 x 15.5 x 17.4	_____	_____
Closed Cell	6.0 x 15.5 x 17.4	_____	_____
Closed Cell	8.0 x 15.5 x 17.4	_____	_____
Anchors		_____ Each	_____ Each

BID # WG22-28 SPECIFICATIONS**Provision of Erosion Control Materials – STANDARD FLEXAMATS - TIED CONCRETE BLOCK MATS**

Flexamat is manufactured from individual concrete blocks tied together with high strength polypropylene biaxial geogrid. Each block is tapered, beveled and interlocked and includes connections that prevent lateral displacement of the blocks within the mats when they are lifted for placement.

Tied Concrete Block Mats shall be Flexamat, manufactured by Motz Enterprises, Inc. or approved equal.

Blocks. Furnish blocks manufactured with concrete conforming to the cement requirements of ASTM C150 and to the aggregate requirements of ASTM C33. Meet a minimum compressive strength of 5,000 psi at 28 days. Furnish blocks that have a minimum weight of 3 lb. per block. Blocks shall be placed no further than 2 in. apart.

Polypropylene Bi-Axial Geogrid. Provide revetment mat that is constructed of a high tenacity, low elongating, and continuous filament polypropylene fibers that is securely cast into and embedded within the base of the concrete blocks and obtains connection strength greater than that of the geogrid. Ensure the geogrid meets the requirements of Table 1:

Polypropylene Bi-Axial Geogrid	
Description	Requirement
UV Stabilization	2% Carbon Black
Ultimate Tensile Strength	2055 lb/lf

The Flexamat shall have the ability for fabrication in various lengths and widths.

The bidder shall furnish the manufacturer's certificates of compliance for Flexamats. The bidder shall also furnish the manufacturer's specifications for placement of Flexamat.

Bidders shall provide all costs, including freight per square foot of Flexamat delivered by the bidder to various Baldwin County locations and the cost excluding freight per square foot of Flexamat picked up by the County at the supplier's place of business. Specify location for County pickup.

Prices bid shall be effective for twelve (12) months beginning the date of award.

BID #WG22-28 RESPONSE FORMProvision of Erosion Control Materials – STANDARD FLEXAMATS - TIED CONCRETE BLOCK
MATS

Page 1 of 1

Date: _____

Company Name: _____

Address: _____

Company Rep. _____
(Rep. Name Typed or Printed)

Position: _____

Email address: _____

Phone: _____

Fax: _____

Location for County to Pick-up Materials: _____

Dimensions L x W	Price per Square Foot DELIVERED	Price per Square Foot PICKED-UP
8' x 30'	_____	_____
8' x 40'	_____	_____
8' x 50'	_____	_____
12' x 30'	_____	_____
12' x 40'	_____	_____
12' x 50'	_____	_____
16' x 30'	_____	_____
16' x 40'	_____	_____
16' x 50'	_____	_____
Anchors	_____ Each	_____ Each