



Hidalgo County Purchasing Department
 2812 S. Business Highway 281
 New Administration Building
 Edinburg, Texas 78539
 (956) 318-2626/ Fax: (956) 292-7612

MEMORANDUM
 (APPROVAL OF SPECIFICATIONS)

To: Mr. Raul E. Sestin, PE, CFM, General Manager
 Hidalgo County Drainage District No.1

Attn: Eliza Yzaguirre, Engineering Tech
 Hidalgo County Projects Coordinator

From: Sandy Suarez, Buyer II
 Hidalgo County Purchasing Department.

Date: July 11, 2016

Re: Approval Specifications for: RFB NO.: 2016-284- Hidalgo County -"Punched & Drawn ^{Bi-Axial} ~~Bi-Axle~~
 Geo-Grid Reinforcement Material"

Please review the following **SPECIFICATIONS** and verify if all requirements are met by signing below and indicating **APPROVE** (or) **DISAPPROVE**. If specifications are **NOT** met, make any and all modifications necessary and return the revised copy to the designated Buyer in the Purchasing Department. If you have any questions, please call me at (956) 318-2626 ext# 4860.

APPROVE <input checked="" type="checkbox"/>	DISAPPROVE <input type="checkbox"/>
APPROVED WITH MODIFICATIONS <input type="checkbox"/>	

FUNDS AVAILABILITY: _____ YES / _____ NO/ _____ Other

(Specify) _____

BUDGET ACCOUNT NO: _____ NOT/APPLICABLE

<i>Raul E. Sestin, P.E.</i>	<i>Raul E. Sestin, P.E.</i>	<i>HCD 2 / Hidalgo County</i>	<i>7/19/16</i>
AUTHORIZED SIGNATURE	PRINTED NAME	DEPARTMENT	DATE

SUBMIT THIS FORM TO THE HIDALGO COUNTY PURCHASING DEPARTMENT, VIA FAX TO (956) 292-7612 or e-mail: sandy.suarez@co.hidalgo.tx.us Please return by or soon than July 18, 2016, by no later than 3:00 p.m.

Enclosures



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MEMORANDUM
 (APPROVAL OF SPECIFICATIONS)

To: ALL DEPARTMENT HEADS

From: Sandy Suarez ^{CMR}, Buyer II
 Hidalgo County Purchasing Department

Date: July 21, 2016

Re: Approval of Specifications for: BID NO. -2016-284-00-00-SGS
 Hidalgo County -"Punched & Drawn Biaxial Geogrid Reinforcement Material"


Please review the following SPECIFICATIONS and verify if all requirements are met by signing below and indicating APPROVE (or) DISAPPROVE. If specification is NOT met, make any and all modifications necessary and return the revised copy to the designated Buyer in the Purchasing Department.
 If you have any questions, please call me at (956) 318-2626 ext# 4860.

APPROVE <input checked="" type="checkbox"/>	DISAPPROVE <input type="checkbox"/>
APPROVED WITH MODIFICATIONS <input type="checkbox"/>	

FUNDS AVAILABILITY: YES / NO / Other

(Specify) _____

BUDGET ACCOUNT #: 6-1000-431-00-121-005-0-610

	<u>Paul Lorano</u>	<u>Pct. 1</u>	<u>7/27/16</u>
AUTHORIZED SIGNATURE	PRINTED NAME	DEPARTMENT	DATE

SUBMIT THIS FORM TO THE HIDALGO COUNTY PURCHASING DEPARTMENT, VIA EMAIL to: sandy.suarez@co.hidalgo.tx.us OR VIA FAX TO (956) 292-7612, sooner than and/or no later than July 26, 2016 by 3:00 p.m.

Enclosures

Pct 1



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MEMORANDUM
 (APPROVAL OF SPECIFICATIONS)

To: ALL DEPARTMENT HEADS

From: Sandy Suarez SM, Buyer II
 Hidalgo County Purchasing Department

Date: July 21, 2016

Re: Approval of Specifications for: BID NO. -2016-284-00-00-SGS
 Hidalgo County -"Punched & Drawn Biaxial Geogrid Reinforcement Material"

Please review the following SPECIFICATIONS and verify if all requirements are met by signing below and indicating APPROVE (or) DISAPPROVE. If specification is NOT met, make any and all modifications necessary and return the revised copy to the designated Buyer in the Purchasing Department.

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APPROVE <input checked="" type="checkbox"/>	DISAPPROVE <input type="checkbox"/>
APPROVED WITH MODIFICATIONS <input type="checkbox"/>	

FUNDS AVAILABILITY: YES / NO / Other

(Specify) _____

BUDGET ACCOUNT #: 6-1200-431-00-122-006-0-610

	Erika Zamora	Pct 2	7-27-16
AUTHORIZED SIGNATURE	PRINTED NAME	DEPARTMENT	DATE

SUBMIT THIS FORM TO THE HIDALGO COUNTY PURCHASING DEPARTMENT, VIA EMAIL to: sandy.suarez@co.hidalgo.tx.us OR VIA FAX TO (956) 292-7612, **sooner than and/or no later than **July 26, 2016 by 3:00 p.m.****

Enclosures

Par



Hidalgo County Purchasing Department
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MEMORANDUM
 (APPROVAL OF SPECIFICATIONS)

To: ALL DEPARTMENT HEADS
 From: Sandy Suarez ^{CCA}, Buyer II
 Hidalgo County Purchasing Department
 Date: July 21, 2016
 Re: Approval of Specifications for: BID NO. -2016-284-00-00-SGS
 Hidalgo County -"Punched & Drawn Biaxial Geogrid Reinforcement Material"

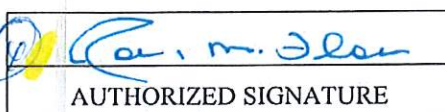
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 If you have any questions, please call me at (956) 318-2626 ext# 4860.

APPROVE <input checked="" type="checkbox"/>	DISAPPROVE <input type="checkbox"/>
APPROVED WITH MODIFICATIONS <input type="checkbox"/>	

FUNDS AVAILABILITY: YES / NO / Other

(Specify) _____

BUDGET ACCOUNT #: 6-1200-431-00-123-005-0-221

	Joe M. Flores	Pct #3	7-26-16
AUTHORIZED SIGNATURE	PRINTED NAME	DEPARTMENT	DATE

SUBMIT THIS FORM TO THE HIDALGO COUNTY PURCHASING DEPARTMENT, VIA EMAIL to: sandy.suarez@co.hidalgo.tx.us OR VIA FAX TO (956) 292-7612, sooner than and/or no later than July 26, 2016 by 3:00 p.m.

Enclosures

Pct 3



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MEMORANDUM
 (APPROVAL OF SPECIFICATIONS)

To: ALL DEPARTMENT HEADS

From: Sandy Suarez ^{CSA}, Buyer II
 Hidalgo County Purchasing Department

Date: July 21, 2016

Re: Approval of Specifications for: BID NO. -2016-284-00-00-SGS
 Hidalgo County -"Punched & Drawn Biaxial Geogrid Reinforcement Material"

Please review the following SPECIFICATIONS and verify if all requirements are met by signing below and indicating APPROVE (or) DISAPPROVE. If specification is NOT met, make any and all modifications necessary and return the revised copy to the designated Buyer in the Purchasing Department.
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APPROVE <input checked="" type="checkbox"/>	DISAPPROVE <input type="checkbox"/>
APPROVED WITH MODIFICATIONS <input type="checkbox"/>	

FUNDS AVAILABILITY: YES / NO/ Other

(Specify) _____

BUDGET ACCOUNT #: 6-1200-431-00-124-007-0-610

	<u>Roman Rodriguez</u>	<u>Road & Bridge</u>	<u>7/27/16</u>
AUTHORIZED SIGNATURE	PRINTED NAME	DEPARTMENT	DATE

SUBMIT THIS FORM TO THE HIDALGO COUNTY PURCHASING DEPARTMENT, VIA EMAIL to: sandy.suarez@co.hidalgo.tx.us OR VIA FAX TO (956) 292-7612, **sooner than and/or no later than **July 26, 2016 by 3:00 p.m.****

Enclosures

Per

Exhibit "A"
Hidalgo County
(All funding source)
"Punched & Drawn Biaxial Geogrid Reinforcement Material"
RFB No. : 2016-284-00-00-SGS

SPECIFICATIONS

PROJECT OVERVIEW:

Hidalgo County is requesting Bids from qualified vendors to furnish "Punched and Drawn Biaxial Geogrid Reinforcement Materials" to Hidalgo County Precincts, on an "as needed basis", in accordance with the specifications/requirements specified herein and including, but not limited to all provisions set forth in the accompanying documentation.

SPECIFICATIONS/REQUIREMENTS:

The following are the minimum material requirements and/or specifications that will be acceptable to the County. Any bid that does not meet the minimum requirements and/or specifications will be rejected.

MATERIAL REQUIREMENTS FOR PUNCHED AND DRAWN GEOGRID:

The material shall be punched and drawn with a single layer grid structure formed by a regular network of intergrally connected polymeric tensile element with aperture designed to interlock with the surrounding fill material. (samples to be included)

A. General Requirements:

The structure shall be capable of maintaining dimensional stability during placement and under normal construction traffic. The geogrid shall be resistant to damage during construction, including ultraviolet degradation, and it shall have long-term resistance to chemical and biological degradation caused by the materials being reinforced. Geogrid shall meet both the physical requirements of sub-part B – Table 1.

B. Physical Requirements:

Furnish punched and drawn geogrid to reinforce the aggregate base course to create a mechanically stabilized aggregate layer. Geogrids shall meet the physical requirements shown in the Table 1 below.

Exhibit "A"
Hidalgo County
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Table 1

STRUCTURAL GEOGRID PROPERTIES

Index Properties	Test Method	Values	
		MD	XMD
Aperture Dimensions	Direct Measurement	1.0-1.5 in	1.3-1.5in
Minimum Rib Thickness	Direct Measurement	0.05 in	0.05 in
Minimum Tensile Strength @ 2% Strain	ASTM D6637	410 lb/ft	620 lb/ft
Minimum Tensile Strength @ 5% Strain	ASTM D6637	810 lb/ft	1,340 lb/ft
Minimum Ultimate Tensile Strength	ASTM D6637	1,310 lb/ft	1,970 lb/ft

Structural Integrity	Test Method	Values
Junction Efficiency	ASTM D7737 / GRI-GG2	93%
Minimum Flexural Stiffness	ASTM D7748	750,000 mg-cm
Aperture Stability	GRI-GG9	0.65 m-N/deg

Durability	Test Method	Values
Minimum Resistance to Installation Damage	ASTM D5818 (Sample) ASTM D6637 (Load Cap.)	95%SC / 93%SW / 90%GP
Resistance to Long Term Degradation	ASTM D6637 / EPA 9090	100%
Resistance to UV Degradation	ASTM D4355 / D6637	100%

SPECIFICATIONS FOR PUNCHED AND DRAWN GEOGRID:

Geogrids not meeting the physical requirements of sub-part B above may be submitted to Hidalgo County. **Submittals for alternative Geogrids must be accompanied with the following:**

1. Geogrid product data sheet, product samples-two (2), and certification from the manufacturer that the performance values for the geogrid utilized in the design of the alternate section are valid.
2. Performance values for the alternate geogrid shall be calibrated and validated with the results of full scale pavement testing where actual geo-grids are tested in-soil and in representative conditions.
3. A list of five (5) comparable projects, similar in terms of size and applications, in the United States, where the results of the specific alternate geogrids use can be verified after a minimum of one (1) year of service.

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4. Recommended guidelines on the installation of the product provided by the manufacture and any additional information to assist the County in fully evaluating the alternate product.

REQUIREMENTS FOR PUNCHED AND DRAWN GEOGRID:

- Unit price, to be square yards.
- A qualified experienced representative from the geogrid manufacturer must be available on an "As Needed Basis" and visit each site at least once during the course of construction and/or installation of the product.
- The Geogrid shall be packaged in rolls with lengths between 150 feet and 250 feet. The Geogrid shall be packaged in rolls with widths of wide rolls that are between 12 to 15 feet and widths of narrow rolls that are between 8 to 10 feet.
- Each roll shall be one continuous piece packaged in a suitable sheath, wrapper or container to protect the geogrid from damage due to ultraviolet light, moisture and normal storage and handling.
- May be custom cut to specific lengths or widths to suit specific engineering designs.
- **Include two (2) samples** of the geogrid approximately 4 inches by 7 inches or larger.
- Include Geogrid product data sheet and certification from the manufacturer.
- Any damage or defective Geogrid roll (i.e. frayed coating, separated junctions, separated layers, tears ect.) will be repaired/replaced by the contractor before, during and after installation at no additional cost to the County.
- Replacement of damaged area shall consist of adding over the affected area a minimum 3 ft² layer on top of the existing geogrid that overlaps the existing geo-grid a minimum of 1 ft in all directions.
- Proposed bidder shall provide all equipment, supplies, material, and labor necessary in getting the product safely to its final destination at County Precincts.
- **Delivery Charges:** All delivery, unloading of product and freight charges, shall be included in the bid price and F.O.B. Hidalgo County as specified on the purchase order during normal working hours, unless otherwise authorized by the Purchasing Agent or designee. Bidder bears freight charges. All prices must be written in blue ink or typewritten.

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TERM AND CONDITIONS:

1. The initial term of the contract shall be for a period of two (2) years with the County's option to renew contract for one (1) additional year under the same rates, terms and conditions and meeting all specifications set forth hereto.
2. Hidalgo County reserves the right to continue this bid for an additional sixty (60) day grace period at the end of the contract term for unforeseen delay in award of new bid for next contract.
3. Hidalgo County reserves the right to hold the bids received for a period of ninety (90) days without taking action hereon.
4. Hidalgo County reserves the right to award the bid to one or multiple bidders; whichever is in the best interest of the County.
5. Hidalgo County reserves the right to reject any/all bids, to waive any/all formalities or technicalities, or to accept the bid considered the best and most advantageous to the County.
6. Any contract awarded to a successful bidder will be in effect until:
 - (a) The contract expires,
 - (b) Delivery and acceptance of products and/or performance of service ordered,
 - (c) Terminated by County with thirty (30) days written notice prior to cancellation.
7. All cost and expenses associated with the preparation and submission of bids, proposals, and/or quotes shall be the responsibility of the bidder and no reimbursements for such charges or expenses shall be passed onto Hidalgo County.
8. Hidalgo County reserves the right to seek state contracts from its memberships with existing or new cooperatives whenever it is in the County's interest to do so.
9. Insurance requirements for this project to be maintained throughout the contract term (Refer to limits on the Exhibit "C" for limits).
10. It is understood and agreed that in case Hidalgo County should need "Geogrid" and it is not available within the time frame needed from the successful

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Bidder during the term of this contract, Hidalgo County reserves the right to purchase these items from other sources other than the successful Bidder and shall not be in violation of any terms or conditions of said contract.

11. After Bid is awarded and successful awarded contractor(s) default(s) in meeting the general instructions to bidder(s) and/or complying with Bid agreement, Hidalgo County reserves the right to seek services from the next low bidder. In such event, County shall charge the successful bidder the difference for any additional cost to such item.
12. Bidder(s) agree that to the extent an item(s) is unavailable for Bidder's own inventory, Bidder(s) will be responsible for locating an alternative supplier and for providing the product or service to Hidalgo County.
13. In the event the material furnished does not meet all County's requirements (regardless of weather, test's acceptability, method of repair or other conditions), the County reserves the option to require the material supplier to replace or to reimburse the County for unused portion of material found to be unsatisfactory.

Market Volatility and Unit Price Adjustments:

Hidalgo County recognizes that during periods of national crisis and unstable economic conditions, unforeseen price increases might affect costs for goods and services contracted on an annual basis. The following procedure may be employed to mediate price volatility:

1. **Requesting Price Adjustment:** Upon written request of the Vendor to the County Purchasing Agent, the County may review evidence of prevailing industry-wide market conditions that warrant an adjustment in bid prices contained in the contract.
 - A Vendor must tie any price change clause to an industry-wide or otherwise nationally recognized index, or some other form of verifiable document. Such written request must be accompanied by a certified copy of the supplier's advisory or notification to the vendor of the price changes.
 - The Vendor must put the Purchasing Agent on the mailing lists for such publications so that the Purchasing Agent can monitor said changes. Such membership shall be at no cost to the County.
 - The County Purchasing Agent retains the right to determine whether or not such proposed price changes are in the best interest of the County.

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- No price escalation will be authorized in excess of the amount of the increase referred to in the supplier's notice.
 - The County may only grant a price increase if the evidence presented is deemed reliable. Should the County allow a price increase, the approved price change shall be honored for all orders received by the vendor or contractor after the effective date of such price change. Approved price changes are not applicable to orders already issued and in process at time of price change.
2. **Price Reduction:** Vendor shall notify the County at the time when the Vendor's costs for items and/or supplies reduce due to stabilization in the market at which time prices for items on this contract shall be reduced accordingly. Failure by the Vendor to notify the County of a decrease in costs for items and/or supplies for which the Vendor was granted a price adjustment, may result in immediate termination of this contract and the County shall not be obligated to pay the Vendor the difference between the contract price and the price adjustment.
3. **Time frame for Adjusted Price Increases:** Price increases are only valid for the quarter in which they are requested and approved. Prices shall return to the original contract price at the beginning of the following quarter unless a Vendor notifies the County in writing within ten (10) days of expiration of the quarter in which the price increase is in effect, that it desires to have the price increase continue or that the Vendor is requesting a different price increase for the following quarter. Such request must be supplemented with sufficient justification to demonstrate that the price increase remains necessary. The County Purchasing Department shall have sole discretion whether to grant the price increase extension. The County too, shall have discretion to unilaterally reduce, eliminate or extend a price adjustment to the Vendor at any time upon written notice from the County to the Vendor demonstrating justification for such reduction, elimination or extension of the price adjustment.
4. **Allowable Review Periods:** Price adjustment reviews may only be requested by the Vendor on a quarterly basis. However, the County may at its own discretion, conduct temporary price adjustment reviews at any time. The County Purchasing Agent and/or the County Auditor reserve the right to audit and/or examine any pertinent books, documents, papers, records or invoices relating directly to the contract transaction in question after reasonable notice and during normal business hours.
5. **Dollar Limit to Price Changes:** The total increase in contract price shall not exceed twenty-five percent (25%) of the original contract price during the contract term.

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ADDITIONAL INFORMATION:

Further information required for this project can be addressed to, Hidalgo County Purchasing Department at (956) 318-2626. Hidalgo County is requesting that any and all questions, inquiries, and clarifications regarding quotes, bids, proposals, or statements of qualifications be addressed to, Martha L. Salazar, CPPB, Purchasing Agent, 2802 S. Business Hwy 281, Edinburg, Texas 78539. **TELEPHONE INQUIRIES WILL NOT BE ACCEPTED.**

ALL WRITTEN INQUIRIES WILL BE ACCEPTED VIA FACSIMILE OR VIA E-MAIL to sandy.suarez@co.hidalgo.tx.us . NO LATER THAN, Monday, Month 00 2016, by 5:00 P.M. Responses will be sent to all applicants via facsimile or by via e-mail on Wednesday, Month 00 2016, no later than 5:00 P.M.

DRAFT