



THE COUNTY OF GALVESTON

RUFUS G. CROWDER, CPPO CPPB
PURCHASING AGENT

GWEN MCLAREN, CPPB
ASST. PURCHASING AGENT

COUNTY COURTHOUSE
722 Moody (21st Street)
Fifth (5th) Floor
GALVESTON, TEXAS 77550
(409) 770-5371

November 4, 2015

RE: ADDENDUM #1
Bid #B161001, Galveston Seawall Endcap Repair & Replacement

To All Prospective Bidders,

Attached you will find Addendum #1 for Bid #B161001, Galveston Seawall Endcap Repair & Replacement Project.

The attached information is being provided to aid in preparation of your bid submittal.

As a reminder, all questions regarding this proposal must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB
Galveston County Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
E-mail: rufus.crowder@co.galveston.tx.us

If you have any further questions regarding this proposal, please address them to Rufus Crowder, CPPO CPPB, Purchasing Agent, via e-mail at rufus.crowder@co.galveston.tx.us, or contact the Purchasing Department at (409) 770-5371.

Please excuse us for any inconvenience that this may have caused.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rufus G. Crowder", followed by a long horizontal line extending to the right.

Rufus G. Crowder, CPPO CPPB
Purchasing Agent
Galveston County

ADDENDUM NO. 1
FOR
GALVESTON COUNTY

GALVESTON SEAWALL ENDCAP REPAIR AND REPLACEMENT

LJA PROJECT NO. 0384-1502 & 0384-1503

November 4, 2015

CONTRACT DOCUMENTS

1. TECHNICAL SPECIFICATION 1400 – **DELETE** and **REPLACE** with attached Specification 1400 marked ADDENDUM NO. 1

END OF ADDENDUM NO. 1

ITEM 1400

**MEASUREMENT AND PAYMENT
18th STREET TO 39TH STREET SOUTH SIDE**

MEASUREMENT AND PAYMENT: It is the intent of the Proposal and of the General and Supplementary Conditions that the total bid, as submitted, shall cover all work required by these Contract Documents and the Plans. All costs in connection with the work, including furnishing of all materials, appliances, equipment, supplies and all appurtenances; providing all construction equipment and tools; and performing all necessary labor to fully complete the work shall be included in the unit prices in the Proposal. No item of work that is required by the Contract Documents for the proper and successful completion of the Contract will be paid for outside of or in addition to the prices submitted to the Proposal. All work not specifically set forth in the Proposal as a pay item shall be considered a subsidiary obligation of the Contractor and all costs in connection therewith shall be included in the prices named in the Proposal.

The method of measurement and basis of payment shall be as stipulated in the following subparagraphs:

BASE BID ITEMS:

1. Cleaning and Sealing Joints, Sealant Class 8 (Gray Color), Pre-Qualified Joint Seal, Producer with TxDOT; Bid Item 1:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work including cleaning and sealing joints and cracks in the rigid concrete sidewalk, use sealants of the class specified that meet the requirements of DMS-6310, and follow the plans details as required in locations pre-approved before work begins following TxDOT Specification 438.

2. Remove Existing Sidewalk and Fill Material (8-Inch Depth); Bid Item 2:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, marking/painting sidewalk before removal to check with owner's representative, including saw-cutting for a clean edge (no extra pay), breaking out concrete, exposing rebar, excavating to proper depth, hauling off spoil and concrete off site (becomes property of the contractor), marking off/covering from public and implementing traffic control plan.

3. Select Fill, Lean Clay or Sandy Lean Clay with a Liquid Limit Less than 40 and Plasticity Index Between 10 and 20, Compacted; Bid Item 3:

Measurement shall be "Per Cubic Yard". Payment shall be full compensation for supplying all materials to deliver select fill and compact to 95% maximum dry density determined by the standard proctor method (ASTM 0-698) for sidewalk bedding. Select Fill characteristics shall be verified from soil testing before contractor will begin placing fill as directed by the engineer.

4. 6-Inch Reinforced Concrete Sidewalk (Minimum 5.5 Sacks per Cubic Yard); Bid Item 4:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for shaping and compacting the select fill bed, including furnishing and applying all water required; for furnishing, loading and all freight and royalty involved; compact to 95% maximum dry density determined by the standard proctor method (ASTM 0-698) for sidewalk bedding, for mixing, placing, finishing with a light broom finish and curing all concrete mix; for furnishing all materials for and placing longitudinal, warping, expansion, sawed control and contraction joints, and load transmission units, and joint filler material in proper position; for coating steel bars where required by plans, for furnishing and placing all reinforcing steel; and for all manipulations, labor, equipment, appliances, tools, traffic provisions and incidentals necessary to complete the work.

5. 6-Inch Concrete Curb; Bid Item 5:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including layout, forming, reinforcement including rebar, supply and installation of concrete per details, loading and all freight and royalty involved; for mixing, placing, finishing and curing all concrete mix, curb laydown machine, and incidentals to complete the work.

6. ADA Accessible Concrete Ramp Per Detail; Bid Item 6:

Measurement shall be "Per Each". The unit price shall be full compensation for shaping, including furnishing and applying all water required; for furnishing, loading and all freight and royalty involved; for mixing, placing, finishing and curing all concrete mix; for furnishing all materials for and placing truncated domes, slopes, and tie-ins to new or existing sidewalk and pavement, for furnishing and placing all reinforcing steel; and for all manipulations, labor, equipment, appliances, tools, traffic provisions and incidentals necessary to complete the work for a concrete ramp complete in place.

7. 6 Inch Concrete Wheel Stops; Bid Item 7:

Measurement shall be "Per Each". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including layout, forming, reinforcement including rebar, supply and installation of concrete, drilling holes, setting stops, salvaging, transporting, and delivering the material, as required to place wheel stops as directed, complete in place.

8. Traffic Markings, Prep and Paint, 4" Solid Yellow Striping; Bid Item 8:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including the layout, and surface preparation to place a 4" solid yellow stripe, as directed by the engineer, complete in place.

9. Traffic Markings, Prep and Paint, 4" Solid White Striping; Bid Item 9:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including the layout, and surface preparation to place a 4" solid white stripe, as directed by the engineer, complete in place.

10. Traffic Markings, Prep and Paint, 4" Solid Red Striping; Bid Item 10:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including the layout, and surface preparation to place a 4" solid red stripe, as directed by the engineer, complete in place.

11. Match Existing Handicap, No Parking, Pair Parking, Sign with TxDOT Removable Mount per Detail; Bid Item 11:

Measurement shall be "Per Each". The unit price shall be full compensation for furnishing all labor, tools, equipment, sign post caps, supplies and incidentals necessary to complete the work, including the removal of existing signs in repair areas and salvaging, placement of new TxDOT mount on sign as shown in plans, as directed by the engineer, complete in place.

12. Traffic Control Plan per Detail; Bid Item 12:

Measurement shall be "Per Lump Sum". The unit price shall be full compensation for furnishing traffic control plan needed for excavating, forming and concrete activities as necessary. Roadways are to be open to local traffic. The unit price shall include furnishing, installation, and removal of signs and/or barricades as necessary, and the use of flagmen to assist in traffic control during working hours in order to follow details as shown.

SUPPLEMENTARY BID ITEMS:

13. SWPPP Inlet Silt Sack, As Directed by Owner's Representative; Supplemental Bid Item 13:

Measurement shall be "Per Each". The unit price shall be full compensation for supplying gravel bags for each curb inlet, installation of gravel bags, maintenance of barrier with removal of solids build up on upstream side, and removal of barrier at the end of construction, finish grading, clean-up, and all incidental work.

14. "Extra" Cement Stabilized Sand, per TXDOT Item 400, As Directed by Owner's Representative; Supplemental Bid Item 14:

Measurement shall be "Per Ton". Payment shall be full compensation for supplying all materials to deliver cement stabilized sand (2 sacks per Cubic Yard), labor to place cement stabilized sand as directed by the engineer.

15. "Extra" Class A Concrete, per TXDOT Item 360, As Directed by Owner's Representative; Supplemental Bid Item 15:

Measurement shall be "Per Cubic Yard". Payment shall be full compensation for supplying all materials to deliver class A concrete, labor to place class A concrete as directed by the engineer.

16. 24-Inch Reinforced Concrete Pipe, ASTM C-76, Class III, As Directed by Owner's Representative; Supplemental Bid Item 16:

Measurement shall be "Per Linear Foot". Payment shall be full compensation for supplying all materials to deliver 24-inch reinforced concrete pipe, labor to place reinforced concrete pipe as directed by the engineer.

17. 2-inch Thick HMHL Surface Course, Type "D" per TXDOT Item 340; Bid Item 17:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for furnishing, delivery, placing and compacting the aggregate to the depth specified, and for all other items (tack and/or prime coat) necessary and incidental to the performance of the work in accordance to the Specifications and Plans.

18. 8-Inch Thick Asphalt Base, Gr. 2, PG-64, Per TXDOT Item 292, Includes Milling or Excavating of Existing Asphalt and Base Material, Includes Delivery of Millings to an Area as Directed by the City; Bid Item 18:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for furnishing all labor, tools, equipment, materials, disposal and manipulation as required to remove existing asphalt and base materials and replace materials in accordance with the Specifications and Plans in locations specified by the Engineer.

ITEM 1400

**MEASUREMENT AND PAYMENT
EAST BEACH DRIVE TO F.M. 3005 NORTH AND SOUTH SIDE**

MEASUREMENT AND PAYMENT: It is the intent of the Proposal and of the General and Supplementary Conditions that the total bid, as submitted, shall cover all work required by these Contract Documents and the Plans. All costs in connection with the work, including furnishing of all materials, appliances, equipment, supplies and all appurtenances; providing all construction equipment and tools; and performing all necessary labor to fully complete the work shall be included in the unit prices in the Proposal. No item of work that is required by the Contract Documents for the proper and successful completion of the Contract will be paid for outside of or in addition to the prices submitted to the Proposal. All work not specifically set forth in the Proposal as a pay item shall be considered a subsidiary obligation of the Contractor and all costs in connection therewith shall be included in the prices named in the Proposal.

The method of measurement and basis of payment shall be as stipulated in the following subparagraphs:

BASE BID ITEMS:

1. Cleaning and Sealing Joints, Sealant Class 8 (Gray Color), Pre-Qualified Joint Seal, Producer with TxDOT; Bid Item 1:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work including cleaning and sealing joints and cracks in the rigid concrete sidewalk, use sealants of the class specified that meet the requirements of DMS-6310, and follow the plans details as required in locations pre-approved before work begins following TxDOT Specification 438.

2. Remove Existing Sidewalk and Fill Material (8-Inch Depth); Bid Item 2:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, marking/painting sidewalk before removal to check with owner's representative, including saw-cutting for a clean edge (no extra pay), breaking out concrete, exposing rebar, excavating to proper depth, hauling off spoil and concrete off site (becomes property of the contractor), marking off/covering from public and implementing traffic control plan.

3. Select Fill, Lean Clay or Sandy Lean Clay with a Liquid Limit Less than 40 and Plasticity Index Between 10 and 20, Compacted; Bid Item 3:

Measurement shall be "Per Cubic Yard". Payment shall be full compensation for supplying all materials to deliver select fill and compact to 95% maximum dry density determined by the standard proctor method (ASTM 0-698) for sidewalk bedding. Select Fill characteristics shall be verified from soil testing before contractor will begin placing fill as directed by the engineer.

4. 6-Inch Reinforced Concrete Sidewalk (Minimum 5.5 Sacks per Cubic Yard); Bid Item 4:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for shaping and compacting the select fill bed, including furnishing and applying all water required; for furnishing, loading and all freight and royalty involved; compact to 95% maximum dry density determined by the standard proctor method (ASTM 0-698) for sidewalk bedding, for mixing, placing, finishing and curing all concrete mix; for furnishing all materials for and placing longitudinal, warping, expansion, sawed control and contraction joints, and load transmission units, and joint filler material in proper position; for coating steel bars where required by plans, for furnishing and placing all reinforcing steel; and for all manipulations, labor, equipment, appliances, tools, traffic provisions and incidentals necessary to complete the work.

5. 6-Inch Concrete Curb; Bid Item 5:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including layout, forming, reinforcement including rebar, supply and installation of concrete per details, loading and all freight and royalty involved; for mixing, placing, finishing and curing all concrete mix, curb laydown machine, and incidentals to complete the work.

6. ADA Accessible Concrete Ramp Per Detail; Bid Item 6:

Measurement shall be "Per Each". The unit price shall be full compensation for shaping, including furnishing and applying all water required; for furnishing, loading and all freight and royalty involved; for mixing, placing, finishing and curing all concrete mix; for furnishing all materials for and placing truncated domes, slopes, and tie-ins to new or existing sidewalk and pavement, for furnishing and placing all reinforcing steel; and for all manipulations, labor, equipment, appliances, tools, traffic provisions and incidentals necessary to complete the work for a concrete ramp complete in place.

7. Single Inlet per Plan Details; Bid Item 7:

Measurement shall be "Per Each". The unit price shall be full compensation for furnishing and installation of type "Single Drain" inlet including excavation and embedment as required, backfilling, clean-up and all appurtenances including cement stabilized sand backfill around inlet a minimum of 1 foot bedding and backfill per City of Houston standard detail.

8. Double Inlet per Plan Details; Bid Item 8:

Measurement shall be "Per Each". The unit price shall be full compensation for furnishing and installation of type "Double Drain" inlet including excavation and embedment as required, backfilling, clean-up and all appurtenances including cement stabilized sand backfill around inlet a minimum of 1 foot bedding and backfill per City of Houston standard detail. Contractor to show inlet damage to Owner's representative before excavation of inlet to ensure replacement is needed.

9. 6-Inch Concrete Wheel Stops; Bid Item 9:

Measurement shall be "Per Each". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including layout, forming, reinforcement including rebar, supply and installation of concrete, drilling holes, setting stops, salvaging, transporting, and delivering the material, as required to place wheel stops as directed, complete in place.

10. Traffic Markings, Prep and Paint, 4" Solid Yellow Striping; Bid Item 10:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including the layout, and surface preparation to place a 4" solid yellow stripe, as directed by the engineer, complete in place.

11. Traffic Markings, Prep and Paint, 4" Solid White Striping; Bid Item 11:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including the layout, and surface preparation to place a 4" solid white stripe, as directed by the engineer, complete in place.

12. Traffic Markings, Prep and Paint, 4" Solid Red Striping; Bid Item 12:

Measurement shall be "Per Linear Foot". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, including the layout, and surface preparation to place a 4" solid red stripe, as directed by the engineer, complete in place.

13. Match Existing Handicap, No Parking, Pair Parking, Sign with TxDOT Removable Mount per Detail; Bid Item 13:

Measurement shall be "Per Each". The unit price shall be full compensation for furnishing all labor, tools, equipment, sign post caps, supplies and incidentals necessary to complete the work, including the removal of existing signs in repair areas and salvaging, placement of new TxDOT mount on sign as shown in plans, as directed by the engineer, complete in place.

14. Traffic Control Plan per Detail; Bid Item 14:

Measurement shall be "Per Lump Sum". The unit price shall be full compensation for furnishing traffic control plan needed for excavating, forming and concrete activities as necessary. Roadways are to be open to local traffic. The unit price shall include furnishing, installation, and removal of signs and/or barricades as necessary, and the use of flagmen to assist in traffic control during working hours in order to follow details as shown.

SUPPLEMENTARY BID ITEMS:

15. SWPPP Inlet Silt Sack, As Directed by Owner's Representative; Supplemental Bid Item 15:

Measurement shall be "Per Each". The unit price shall be full compensation for supplying gravel bags for each curb inlet, installation of gravel bags, maintenance of barrier with removal of solids build up on upstream side, and removal of barrier at the end of construction, finish grading, clean-up, and all incidental work.

16. "Extra" Cement Stabilized Sand, per TXDOT Item 400, As Directed by Owner's Representative; Supplemental Bid Item 16:

Measurement shall be "Per Ton". Payment shall be full compensation for supplying all materials to deliver cement stabilized sand (2 sacks per Cubic Yard), labor to place cement stabilized sand as directed by the engineer.

17. "Extra" Class A Concrete, per TXDOT Item 360, As Directed by Owner's Representative; Supplemental Bid Item 17:

Measurement shall be "Per Cubic Yard". Payment shall be full compensation for supplying all materials to deliver class A concrete, labor to place class A concrete as directed by the engineer.

18. 24-Inch Reinforced Concrete Pipe, ASTM C-76, Class III, As Directed by Owner's Representative; Supplemental Bid Item 18:

Measurement shall be "Per Linear Foot". Payment shall be full compensation for supplying all materials to deliver 24-inch reinforced concrete pipe, labor to place reinforced concrete pipe as directed by the engineer.

19. 2-inch Thick HMHL Surface Course, Type "D" per TXDOT Item 340; Bid Item 19:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for furnishing, delivery, placing and compacting the aggregate to the depth specified, and for all other items (tack and/or prime coat) necessary and incidental to the performance of the work in accordance to the Specifications and Plans.

20. 8-Inch Thick Asphalt Base, Gr. 2, PG-64, Per TXDOT Item 292, Includes Milling or Excavating of Existing Asphalt and Base Material, Includes Delivery of Millings to an Area as Directed by the City; Bid Item 20:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for furnishing all labor, tools, equipment, materials, disposal and manipulation as required to remove existing asphalt and base materials and replace materials in accordance with the Specifications and Plans in locations specified by the Engineer.

ALTERNATE BID ITEMS:

21. Remove Existing Sidewalk and Fill Material (8-Inch Depth); Alternate Bid Item 21:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for furnishing all labor, tools, equipment, supplies and incidentals necessary to complete the work, marking/painting sidewalk before removal to check with owner's representative, including saw-cutting for a clean edge (no extra pay), breaking out concrete, exposing rebar, excavating to proper depth, hauling off spoil and concrete off site (becomes property of the contractor), marking off/covering from public and implementing traffic control plan.

22. Select Fill, Lean Clay or Sandy Lean Clay with a Liquid Limit Less than 40 and Plasticity Index Between 10 and 20, Compacted; Alternate Bid Item 22:

Measurement shall be "Per Cubic Yard". Payment shall be full compensation for supplying all materials to deliver select fill and compact to 95% maximum dry density

determined by the standard proctor method (ASTM 0-698) for sidewalk bedding. Select Fill characteristics shall be verified from soil testing before contractor will begin placing fill as directed by the engineer.

23. 6-Inch Reinforced Concrete Sidewalk (Minimum 5.5 Sacks per Cubic Yard); Alternate Bid Item 23:

Measurement shall be "Per Square Yard". The unit price shall be full compensation for shaping and compacting the select fill bed, including furnishing and applying all water required; for furnishing, loading and all freight and royalty involved; compact to 95% maximum dry density determined by the standard proctor method (ASTM 0-698) for sidewalk bedding, for mixing, placing, finishing and curing all concrete mix; for furnishing all materials for and placing longitudinal, warping, expansion, sawed control and contraction joints , and load transmission units, and joint filler material in proper position; for coating steel bars where required by plans, for furnishing and placing all reinforcing steel; and for all manipulations, labor, equipment, appliances, tools, traffic provisions and incidentals necessary to complete the work.