Addendum No. 1

2023 OSTOS ROAD PAVEMENT REHABILIATION

November 18, 2022

1. CHANGES TO BID OPENING DATE AND TIME:

a. The **Bid Opening** date and time are hereby changed from **2:00 P.M. C.S.T.** on **Monday, November 28, 2022** to **2:00 P.M. C.S.T**. on **Monday, December 5, 2022.**

2. CLARIFICATIONS TO BIDDERS' QUESTIONS:

BIDDER'S QUESTION	OWNER'S RESPONSE
1. Please clarify the intent for the "PROP PW-S and PROP. RIPRAP" shown on sheet CP-104 and profile sheet CP-105, I assume is not applicable IF alternate CULVERT E & D is approved, but merely an overlap of BASE BID CAD layer shown on CP-102, station 115+62.00.	The Parallel Wing – S and Riprap are not required if BND decides to include the Additive Items to this contract.
2. Please provide a copy of the geotechnical report.	Most of the scope is within the same footprint of the existing roads; no geotechnical report was considered necessary.
3. Plan sheet DP101 contains a detail for Embedment and Backfill, this detail shows backfilling the boxes with select backfill. Is this detail specific to culvert A & B?	Details on DP-101 for the Embedment and Backfill are applicable to all 6x4 RCB.
4. For culvert's A & B, will the excavated material from the boxes be suitable for use as backfill "Select backfill"?	Most likely this material will be used as backfill, unless some grade of pollution is found.
5. What are the insurance requirements for crossing the Railroad?	The insurance requirements for this project are found on the Supplementary General Conditions of the Bid Document (pages 95 thru 107).
6. How long may the railroad be out of service for installing the box culverts?	Close coordination with BRG Railway must take place before this part of the work is scheduled. BRG will be invited to the Pre-Construction Conference to establish communication between them and the contractor doing this work. Ideally, this part of the scope of work would have to be done during a long weekend to minimize the impact of the rail traffic.

BIDDER'S QUESTION	OWNER'S RESPONSE
7. Are there special backfill requirements for the railroad crossing and what are the limits of the special backfill requirements?	Bid Item 39 "SUBGRADE PREP" has been added to the Bid Form to include the new base and limestone installation with TriAx GeoGrid for BRG to reinstall the rails. Detail drawings are attached.
8. What are the limits of the E-80 boxes under the railroad?	The minimum vertical cover under the rail is 4 feet as specified on CP-101. Confirm with BRG.
9. What scope of track-work for the railroad is to be included in this proposal?	The work including removal and reinstallation of the rail falls under BRG. New Bid Items are included on the attached Bid Form to include the New Base and Limestone with TriAx GeoGrid for the reinstallation of the rails.
10. There are conflicting utilities on sheet CP101 at station 50+00 and sheet CP102 station 110+50+-. Please provide details and pay items for these utility adjustments.	- Utility adjustments on CP-101 will be performed by others. - On CP-102 STA 110+54; 18" PVC with 24" steel casing will be done by others. Contractor will furnish and install the Junction Box.
11. Will there be a special permit required for crossing the railroad and will the Contractor be responsible for any part of this cost?	No permit is required for the work under the railroad. BRG Railway's will remove and replace the rail at their expense. New Bid items for subgrade and limestone with TriAx GeoGrid have been added to the Bid Form (Item 39).
12. May Ostos Road be closed, and traffic detoured for installation of the boxes under the roadway?	During the entire duration of the project two lanes along Ostos Road must be open for traffic. The installation of the drainage boxes need to be scheduled in sections to allow traffic both ways at all time following the traffic control plan.
13. Ground conditions might be wet; it may be prudent to replace the 12" of stabilized sand under the box culverts with 12" of crushed stone. Can a pay item be added for the Structural excavation special (gravel)?	Contractor shall be responsible for means and methods, which will be subsidiary to the pay item. However, contractor must provide proof that the alternative material, means or method proposed is equal or better than the specified materials, means or method. Subject to owner's approval.
14. Please provide details for the small concrete structures – Inlets, PW Wingwalls, Junction Boxes.	TxDOT Standard drawings may be retrieved from the Port's Website under the same tab for this project.
15. Please provide details of how the stabilized sand in bid item 22A will be measured and used.	Item 22A Stabilized Backfill will be required for the additional 246 LF of concrete box drainage,

BIDDER'S QUESTION	OWNER'S RESPONSE
16. Does the POB have a designated disposal site for excess excavated material?	The disposal of this material can be coordinated with the Maintenance Department, but the disposal shouldn't be over a mile radius from the site.
17. Plan sheet 7, the typical 12" concrete paving section calls out 3 lbs per cy of fiber mesh in the concrete, no rebar is shown. Plan sheets 8 & 9 the joint details show rebar in the concrete, but do not call out fiber mesh. Please clarify what is required.	#6 Bars @ 12" ctrs. each way, 2 mats placed at 2 ½" from the concrete surfaces and concrete pavement (12") with fibermesh at 3 lbs per cy; Min 5000 PSI compressive strength at 28 days, slump 4-6 inches is required for all concrete pavement as specified on Typical Section Proposed (12") Concrete Pavement on Sheet 7 Bid Drawings.
18. With the bid following the Thanksgiving Holiday for the 28th of Nov, a Monday, could you please consider extending bid opening date out 1 or 2 days, to assure prices coming in, midst the long holiday weekend? It seems we will not have a try number as all will be out during the long week.	Bid opening date has changed to 2:00 P.M. C.S.T. on Monday, December 5, 2022.
19. Plan Sheet 3, Sta. 2+000 , is there a RCP to be replaced under 12" concrete pavement (south of Repair 5), what size?	The drainage structure under this driveway is included in the Base Bid Items for the Drainage Improvements on the Bid Form.
20. What class RCP is required for item 11 & 12?	The Port of Brownsville requires the use of Class V RCPs.
21. Plan Sht. CP-101, Sta. 110+07.77 is there a water level elevation available?	Water elevation in the Ship Channel is typically 0.0, but there is a tide fluctuation of 1.5 to 2.0 ft.
22. Plan Sht CP101, Sta. 110+7.77, who will address utilities conflict (3ea)?	As described in question 10, utility conflicts will be addressed by others.
23. Plan Sht CP-102, Sta. 110+50 who will provide the 30" steel casing for the 24" Sewer pipe?	Casing will be provided by owner. Contractor is only responsible for furnishing and installation of the concrete junction box.
24. How will the 18" PVC casing be addressed by others at Sta 110+54 for A-01 J Box?	The 24" steel casing and 18" PVC sewer line will be installed by others prior to the contractor's installation of the Junction Box. This will require close coordination with BND Engineering and Maintenance staff.

BIDDER'S QUESTION	OWNER'S RESPONSE
25. Plan Sht. CP-104, Sta. 115+50, please clarify the discharge structure at end of "Culvert E" (looks like 90° wing wall)	As specified on CP-105 a FW-S 45° is proposed and can be charged on Item 36 of the Additive Bid items. Dimensions and specifications might be found on drawing Concrete Wingwall with Flared Wings for Skewed Box Culvert FW-S on the TxDOT Standard drawings which may be retrieved from the Port's Website under the same tab for this project.
26. On Pay Item 26, it was commented on delivery lead time of 4-5 months, perhaps BND should expedite box order to cross street for the successful bidder to start project quickly, steel is 12 week lead time for pipe or box reinforcement.	We will take this under advisement. However, contractor must bid as per the Bid Form.
27. How are we to be compensated for the 3 (ea) 6x4 Box collars?	Bid Item 37: "45° BEND", Bid Item 38: "30° BEND" and Additive Item 38A: "30° BEND" have been added and are included in the revised Bid Form, attached herewith.
28. There is a power line and light poles along Ostos Road in the vicinity of the box culverts. It appears that the there is a potential conflict/safety hazard with the overhead electric and the installation of the boxes. Will the Port be responsible for relocation of the overhead utilities or re-alignment of the box culverts to mitigate the danger?	The Owner has already established contact with Brownsville Public Utilities Board for the relocation of the poles and control panels on the Dock 10 Entrance and the power pole and guy wire being affected with the RCB approximately on STA 115+51.
29. How will the removal of existing pavement in the 17" Full Reconstruction and Concrete Pavement areas be paid for?	Removal of existing pavement for the full recons-truction areas shall be subsidiary to the related Bid Items 2 through 5 and shall not be paid for separately.

BIDDER'S QUESTION	OWNER'S RESPONSE
30. Will the owner consider an alternate base material due to the material shortage in the market for limestone base?	Owner is receptive to alternate materials if the specified materials are unavailable. However, contractor must provide proof that the alternate materials proposed are equal or better than the specified materials.
31. Please clarify on ITEM 35: EMBANKMENT (FINAL)(ORD COMP)(TY A)	Details on this item are provided on the TxDOT Specification uploaded on the Port's website under this Project's tab. The material and placement its placement is responsibility of the contractor.

Bid Form

2023 OSTOS ROAD PAVEMENT REHABILITATION

Place: Board of Commissioners - Brownsville Navigation District
1000 Foust Road
Brownsville, Texas 78521

Due Date: Before **2:00 P.M. C.S.T.**, **Monday, December 5, 2022**.

Proposal of _____ hereinafter called BIDDER, a corporation organized and existing under the laws of the State of _____ , or a partnership or an individual doing business as _____.

To: The Brownsville Navigation District, Texas, hereinafter called OWNER.

Gentlemen:

The BIDDER, in compliance with your invitation for bids for the "**2023 OSTOS ROAD PAVEMENT REHABILITATION**" project, having examined the drawings and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of materials and labor, hereby proposes to furnish all labor, materials and supplies, and to construct the project in accordance with the contract documents, within the time set forth herein, and at the attached unit prices. These price(s) are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part. These price(s) are firm and shall not be subject to adjustment provided this Proposal is accepted within ninety (90) days after the time set for receipt of proposals.

BIDDER hereby agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed" to be issued by the OWNER and to fully complete the project within (180) one hundred and eighty calendar days, as defined in the specifications. BIDDER further agrees to pay as liquidated damages, the sum of five hundred ($500.00) dollars for each consecutive calendar day thereafter as hereinafter provided in Article 3 of the Agreement.

BIDDER agrees to perform all work for which he contracts as described in the specifications and as shown on the plans, for the attached unit prices:

SUBCONTRACTORS. BIDDER proposes that he will perform the majority of the work at the project site with his own forces and that specific portions of the work not performed by the BIDDER will be subcontracted and performed by the following subcontractors.

Subcontracted Work	Name of Subcontractor

2023 OSTOS ROAD PAVEMENT REHABILITATION

BIDDER Agrees to perform all the work described in the Contract Documents
for the following Unit Prices (which include any and all applicable taxes and fees):

Monday December 5, 2022.

2023 OSTOS ROAD PAVEMENT REHABLITATION

ITEM	D E S C R I P T I O N	EST QTY	UNIT COST	AMOUNT
GENERAL PAVEMENT AREA				
1	TRAFFIC CONTROL	6 MO		
			SUBTOTAL BID FOR GENERAL PAVEMENT AREA:	
FULL RECONSTRUCTION (17" CROSS SECTION)				
2	2" H.M.A.C. PAVEMENT	16,395 SY		
3	7" LIMESTONE BASE W/TX5 GEOGRID	16,878 SY		
4	8" LIMESTONE BASE W/TX5 GEOGRID	17,365 SY		
5	8" SUBGRADE PREP PAVEMENT AREA (PROOF ROLLING)	17,365 SY		
			SUBTOTAL BID FOR FULL RECONSTRUCTION:	
MICRO-MILLING AND OVERLAY				
6	PLANE ASPH CONC PAV (1.5" MICRO-MILLING)	38,370 SY		
7	2" H.M.A.C. PAVEMENT OVERLAY	54,746 SY		
			SUBTOTAL BID FOR MICRO-MILLING AND OVERLAY:	
CONCRETE PAVEMENT				
8	CONCRETE PAVEMENT (CONC. REINF – CRCP)(12")	4,393 SY		
9	6" LIMESTONE BASE	4,580 SY		
10	6" SUBGRADE PREP PAVEMENT AREA (PROOF ROLLING)	4,580 SY		
11	24" R.C.P. STORM SEWER PIPE	216 LF		
12	30" R.C.P. STORM SEWER PIPE	64 LF		
13	SET (TY I)(24 IN)(RCP)(6:1)(C)	6 EA		
14	SET (TY I)(30 IN)(RCP)(6:1)(C)	2 EA		
			SUBTOTAL BID FOR CONCRETE PAVEMENT:	
DRAINAGE IMPROVEMENTS				
15	EXCAVATION (CHANNEL)	787 CY		
16	FURNISHING AND PLACING TOPSOIL (4")	17,680 SY		
17	BROADCAST SEED (PERM)(RURAL)(SANDY)	17,680 SY		
18	CONCRETE PAVEMENT (CONT REINF – CRCP)(8")	36 SY		
19	1" GRAVE DRIVEWAY	74 SY		
20	STRUCT EXCAV (BOX)	2,446 CY		
21	STRUCT EXCAV (PIPE)	15 CY		
22	CEMENT STABILIZED BACKFILL	656 CY		
23	CEMENT STABILIZED BACKFILL (INLET OR MANHOLE)	38 CY		
24	TRENCH EXCAVATION PROTECTION	813 LF		

25	RIPRAP (CONC)(4 IN)	20 CY		
DRAINAGE IMPROVEMENTS (Continued)				
26	CONCRETE BOX CULVERT (6 FT X 4 FT)	797 LF		
27	RC PIPE (CL III)(24 IN)	16 LF		
28	INLET (COMPL)(PSL)(FG)(3FTX3FT-3FTX3FT)	3 EA		
29	INLET (COMPL)(PSL)(FG)(8FTX8FT-3FTX3FT)	1 EA		
30	WINGWALL (PW-1)(HW=8FT)	1 EA		
31	WINGWALL (PW-2)(HW=7FT)	1 EA		
32	SET (TY I)(S=6FT)(HW=4FT)(6:1)(P)	2 EA		
33	REMOV STR (SET)	4 EA		
34	REMOV STR (PIPE)	5 EA		
37	45 DEG BEND	2 EA		
38	30 DEG BEND	1 EA		
39	TRACK SUBGRADE PREP	SY		
			SUBTOTAL BID FOR DRAINAGE IMPROVEMENTS:	
			TOTAL BASE BID AMOUNT:	
			TOTAL COST OF MATERIALS FOR BASE BID:	

DRAINAGE IMPROVEMENTS – ADDITIVE BID				
16A	FURNISHING AND PLACING TOPSOIL (4")	10,509 SY		
17A	BROADCAST SEED (PERM)(RURAL)(SANDY)	10,509 SY		
20A	STRUCT EXCAV (BOX)	292 CY		
22A	CEMENT STABILIZED BACKFILL	440 CY		
23A	CEMENT STABILIZED BACKFILL (INLET OR HM)	32 CY		
24A	TRENCH EXCAVATION PROTECTION	10 LF		
26A	CONC BOX CULVERT (6 FT X 4 FT)	546 LF		
28A	INLET (COMPL)(PSL)(FG)(3FTX3FT – 3FTX3FT)	2 EA		
29A	INLET (COMPL)(PSL)(FG)(8FTX8FT – 3FTX3FT)	1 EA		
31A	WINGWALL (PW-2)(HW=7FT)	-1 EA		
32A	SET (TY I)(S=6FT)(HW=4FT)(6:1)(P)	-1 EA		
35	EMBANKMENT (FINAL)(ORD COMP)(TY A)	34,467 CY		
36	WINGWALL (FW-S)(HW=5FT)	1 EA		
38A	30 DEG BEND	1 EA		
			SUBTOTAL BID FOR ADDITIVE DRAINAGE IMPROVEMENTS:	
			TOTAL BASE BID AMOUNT PLUS ADDITIVE ITEMS:	
			TOTAL COST OF MATERIALS:	

BIDDER Acknowledges receipt of the following addenda:
Addendum #1 (11/18/2022)

In case of discrepancy, the unit price amount shall govern.

The above included prices shall include all labor, materials, excavation, bailing, shoring, removal, backfill, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

BIDDER understands that the OWNER reserves the right to reject any or all bids and to waive any informalities in the bidding.

BIDDER agrees that this Bid shall be good and may not be withdrawn for a period of ninety (90) days after the scheduled closing time for receiving bids.

The undersigned hereby declares that only the persons or firms interested in the proposal as principal or principals are named herein, and that no other persons or firms than are herein mentioned have any interest in this Proposal or in the contract to be entered into; that this Proposal is made without connection with any other person, company, or parties likewise submitting a Bid or proposal; and that it is in all respects for and in good faith, without collusion or fraud.

Upon receipt of written notice of the acceptance of this Bid, BIDDER will execute the formal contract attached within ten (10) days and deliver the Performance and Payment Bonds and Insurance Certificates as required under the GENERAL CONDITIONS. The Bid security attached in the sum of _____ ($ _____) is to become the property of the OWNER in the event the contract, bonds, and insurance certificates are not executed or delivered within the time above set forth, as mutually agreed to liquidated damages and not as a penalty for the delay and additional administrative expense to the OWNER caused thereby; otherwise the Bid security will be returned upon the signing of the contract and delivering the approved bonds and insurance certificates.

Respectfully submitted,

By: _____

Seal affixed here
if BID is by a
Corporation

_____
Title

_____
Address

Attest: _____ _____