

Addendum No. 3

BND SOUTH PORT CONNECTOR ROAD

October 22, 2019

CLARIFICATIONS AND MODIFICATIONS TO CONTRACT TIME AND BID SHEET, AND ANSWERS TO QUESTIONS FROM POTENTIAL BIDDERS:

1. CHANGE IN CONTRACT TIME:

- a. The Contract Time is hereby changed from **240 Working Days** to **320 Working Days**. Working Days are defined in the contract documents.
- b. The apparent low bidder will be required to submit a Project Schedule upon conditional award of the contract by the Brownsville Navigation District
- c. The apparent low bidder will also be required to submit drawings as detailed in 4.c. below as soon as practicable for the purpose expressed in 4.a. and 4.b. below.

2. REVISIONS TO BID FORM DOCUMENT:

- a. The Bid Form Document has been revised as follows:
 - i. Pages E-3 through E-10 have been revised to add "Addendum #3" and this date in the lower left footer.
 - ii. On page E-5, the quantity for Item 409-6001 "PRESTR CONC PIL (16 IN SQ)" has been changed from 80 LF to 160 LF.
 - iii. On page E-6, Item 454-6001 "SEALED EXPANSION JOINT (4 IN) (SEJ-A)" has been removed and replaced with item 454-6018 "SEALED EXPANSION JOINT (4 IN) (SEJ-M)". The quantity for that item remains 700 LF.
 - iv. Also on page E-6, the quantity for Item 502-6001 "BARRICADES, SIGNS AND TRAFFIC HANDLING" has been changed from 12 MO to 16 MO to correspond with the change on contract time described in 1.a. above.

3. REVISIONS TO DRAWINGS:

- a. The construction drawings have been revised as follows:
 - i. In Sheet #64, the quantities for Item 409-6001 on Bridge #1 have been revised from 40 LF to 80 LF.
 - ii. In Sheet #85, the quantities for Item 409-6001 on Bridge #2 have been revised from 40 LF to 80 LF.
 - iii. The revision to the construction drawings in reference to 2.a.iii. above will be included in the set of construction drawings issued for construction.

4. **ADDITIONAL CLARIFICATION IN REFERENCE TO PERMITS FOR CONSTRUCTION IN WETLAND AREAS:**
- a. As stated in a previous Addendum, the completed work as designed and as shown on the construction drawings will not require a section 404 permit.
 - b. However, depending the proposed installation method by the contractor, it is likely that a permit for temporary encroachment into the wetlands will be required. If the contractor intends to bring in fill material to the wetlands to perform work or other such activities which would require a permit or letter of permission (LoP), the BND will assist in obtaining said required permit for work within the wetlands.
 - c. The contractor will be required to submit drawings showing the proposed incursion or encroachment into the wetlands and the BND will work with Cameron County Regional Mobility Authority (CCRMA) staff to prepare the application and submit it to the U.S. Army Corps of Engineers (USACE).
5. **ADDITIONAL CLARIFICATION REGARDING THE FIELD BIOLOGIST:**
- a. Potential bidders are encouraged to search online or go to the following link to find qualified biologists for this project as per the requirements in the EPIC Sheet above mentioned: <http://www.dot.state.tx.us/des/precert/precrt1.htm>. Please note that of the firms in this link, only those under 2.6.X are certified to perform the biologist task shown in the EPIC sheet. The contractor needs to contact them and verify if they are qualified to perform the required service.
6. **WILL ITEM 425-6039 PRESTR CONC GIRDER (TX54) REQUIRE EPOXY COATED REBAR?**
- a. Item 425 will not require Epoxy Coated Rebar. As per specifications, Item 425-6039 Calls for a Pre-Cast Prestressed Concrete Girder (TX54). These members are typically cast at the fabrication plant with a higher performance concrete that does not warrant the use of epoxy coated reinforcing steel.
7. **CLARIFICATION REGARDING ITEM 454-6001 "SEALED EXPANSION JOINT (4 IN) (SEJ-A)" AND ITEM 454-6018 "SEALED EXPANSION JOINT (4 IN) (SEJ-M)".**
- a. Item 454-6001 "SEALED EXPANSION JOINT (4 IN) (SEJ-A)" has been removed in all instances of the project and has been replaced with Item 454-6018 "SEALED EXPANSION JOINT (4 IN) (SEJ-M)".
 - b. As indicated above, the construction drawings set shall be revised to reflect this change and the revised sheets will be part of the set of drawings issued for construction to the successful bidder.

SOUTH PORT CONNECTOR CSJ# 0921-06-288 - BID TAB

ALT	ITEM NO	DESC COE	DESCRIPTION AND UNIT PRICES IN WRITING		UNIT OF MEASURE- MENT	Approximate QUANTITY	UNIT PRICE (IN FIGURES) DOLLARS & CENTS	AMOUNT (IN FIGURES) DOLLARS & CENTS
BASE BID								
	100	6002	PREPARING ROW _____ _____	Per	Station	105.00		
	110	6001	EXCAVATION (ROADWAY) _____ _____	Per	Cubic Yard	9,063.00		
	132	6006	EMBANKMENT (FINAL)(DENS CONT)(TY C) _____ _____	Per	Cubic Yard	70,871.00		
	134	6001	BACKFILL (TY A) _____ _____	Per	Station	61.00		
	150	6001	BLADING _____ _____	Per	Station	6.00		
	160	6005	FURNISHING AND PLACING TOPSOIL _____ _____	Per	Cubic Yard	7,291.00		
	164	6036	DRILL SEEDING (PERM) (RURAL) (CLAY) _____ _____	Per	Acre	11.00		
	164	6042	DRILL SEEDING (TEMP) (WARM) _____ _____	Per	Acre	11.00		
	168	6001	VEGETATIVE WATERING _____ _____	Per	Million Gal	1,684.00		

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BASE BID								
	247	6236	FLBS (RDWY DEL) (TY A GR 1-2)(FINAL POS) _____ _____	Per	Cubic Yard	6,684.00		
	260	6016	LIME _____ _____	Per	Ton	682.00		
	260	6079	LIME TRT (SUBGRADE)(6") _____ _____	Per	Square Yard	40,107.00		
	275	6001	CEMENT _____ _____	Per	Ton	455.00		
	275	6003	CEMENT TREAT (NEW BASE)(6") _____ _____	Per	Square Yard	40,107.00		
	310	6009	PRIME COAT (MC-30) _____ _____	Per	Gallon	8,021.00		
	340	6104	D-GR HMA(SQ) TY-D SAC-B PG64-22 _____ _____	Per	Ton	2,194.00		
	360	6006	CONC PVMT (CONT REINF - CRCP) (12") _____ _____	Per	Square Yard	38,486.00		
	400	6001	STRUCT EXCAV _____ _____	Per	Cubic Yard	47.00		

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BASE BID								
	400	6005	CEM STABIL BKFL _____ _____	Per	Cubic Yard	536.00		
	409	6001	PRESTR CONC PIL (16 IN SQ) _____ _____	Per	Linear Feet	160.00		
	409	6004	PRESTR CONC PIL (24 IN SQ) _____ _____	Per	Linear Feet	16,646.00		
	420	6013	CL C CONC (ABUT) _____ _____	Per	Cubic Yard	161.00		
	420	6025	CL C CONC (BENT) _____ _____	Per	Cubic Yard	735.00		
	422	6001	REINF CONC SLAB _____ _____	Per	Square Feet	218,750.00		
	425	6039	PRESTR CONC GIRDER (TX54) _____ _____	Per	Linear Feet	30,503.00		
	428	6001	PENETRATING CONCRETE SURFACE TREATMENT _____ _____	Per	Square Yard	38,846.00		
	432	6016	RIPRAP (STONE TY R) (DRY) (12 IN) _____ _____	Per	Cubic Yard	348.00		

SOUTH PORT CONNECTOR CSJ# 0921-06-288 - BID TAB

ALT	ITEM NO	DESC COE	DESCRIPTION AND UNIT PRICES IN WRITING		UNIT OF MEASURE- MENT	Approximate QUANTITY	UNIT PRICE (IN FIGURES) DOLLARS & CENTS	AMOUNT (IN FIGURES) DOLLARS & CENTS
BASE BID								
	432	6045	RIPRAP (MOW STRIP)(4 IN) _____ _____	Per	Cubic Yard	48.00		
	450	6006	RAIL (TY T223) _____ _____	Per	Linear Feet	8,894.00		
	454	6018	SEALED EXPANSION JOINT (4 IN)(SEJ-M) _____ _____	Per	Linear Feet	700.00		
	464	6005	RC PIPE (CL III)(24 IN) _____ _____	Per	Linear Feet	188.00		
	467	6394	SET (TY II) (24 IN) (RCP) (6: 1) (C) _____ _____	Per	Each	4.00		
	500	6001	MOBILIZATION _____ _____	Per	Lump Sum	1.00		
	502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING _____ _____	Per	Month	16.00		
	506	6001	ROCK FILTER DAMS (INSTALL) (TY 1) _____ _____	Per	Linear Feet	410.00		
	506	6011	ROCK FILTER DAMS (REMOVE) _____ _____	Per	Linear Feet	410.00		

SOUTH PORT CONNECTOR CSJ# 0921-06-288 - BID TAB

ALT	ITEM NO	DESC COE	DESCRIPTION AND UNIT PRICES IN WRITING		UNIT OF MEASURE- MENT	Approximate QUANTITY	UNIT PRICE (IN FIGURES) DOLLARS & CENTS	AMOUNT (IN FIGURES) DOLLARS & CENTS
BASE BID								
	506	6020	CONSTRUCTION EXITS (INSTALL) (TY 1) _____ _____ _____	Per	Square Yard	156.00		
	506	6024	CONSTRUCTION EXITS (REMOVE) _____ _____ _____	Per	Square Yard	156.00		
	506	6031	FRNT END LOADER WORK (ERSN & SEDM CONT) _____ _____ _____	Per	Hour	32.00		
	506	6038	TEMP SEDMT CONT FENCE (INSTALL) _____ _____ _____	Per	Linear Feet	21,072.00		
	506	6039	TEMP SEDMT CONT FENCE (REMOVE) _____ _____ _____	Per	Linear Feet	21,072.00		
	540	6001	MTL W-BEAM GD FEN (TIM POST) _____ _____ _____	Per	Linear Feet	200.00		
	540	6006	MTL BEAM GD FEN TRANS (THRIE-BEAM) _____ _____ _____	Per	Each	8.00		
	544	6001	GUARDRAIL END TREATMENT (INSTALL) _____ _____ _____	Per	Each	8.00		
	550	6003	CHAIN LINK FENCE (REMOVE) _____ _____ _____	Per	Linear Feet	160.00		

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ALT	ITEM NO	DESC COE	DESCRIPTION AND UNIT PRICES IN WRITING			UNIT OF MEASURE- MENT	Approximate QUANTITY	UNIT PRICE (IN FIGURES) DOLLARS & CENTS	AMOUNT (IN FIGURES) DOLLARS & CENTS
BASE BID									
	644	6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P) _____ _____	Per	Each	EA	8.00		
	644	6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T) _____ _____	Per	Each	EA	20.00		
	644	6007	IN SM RD SN SUP&AM TY10BWG(1)SA(U) _____ _____	Per	Each	EA	1.00		
	644	6030	IN SM RD SN SUP&AM TYS80(1)SA(T) _____ _____	Per	Each	EA	5.00		
	658	6014	INSTL DEL ASSM (D-SW)SZ (BRF)CTB(BI) _____ _____	Per	Each	EA	88.00		
	658	6048	INSTL OM ASSM (OM-2Z)(FLX)GND _____ _____	Per	Each	EA	4.00		
	658	6067	INSTL DEL ASSM (D-DW)SZ 1(BRF)GF2 _____ _____	Per	Each	EA	100.00		
	666	6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL) _____ _____	Per	Linear Feet	LF	827.00		
	666	6042	REFL PAV MRK TY I (W)12"(SLD)(100MIL) _____ _____	Per	Linear Feet	LF	616.00		

SOUTH PORT CONNECTOR CSJ# 0921-06-288 - BID TAB

ALT	ITEM NO	DESC COE	DESCRIPTION AND UNIT PRICES IN WRITING		UNIT OF MEASURE- MENT	Approximate QUANTITY	UNIT PRICE (IN FIGURES) DOLLARS & CENTS	AMOUNT (IN FIGURES) DOLLARS & CENTS
BASE BID								
	666	6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL) _____ _____	Per	Linear Feet	38.00		
	666	6141	REFL PAV MRK TY I (Y)12"(SLD)(100MIL) _____ _____	Per	Linear Feet	1,566.00		
	666	6153	REFL PAV MRK TY I (Y)(ISLAND)(100MIL) _____ _____	Per	Square Feet	300.00		
	666	6224	PAVEMENT SEALER 4" _____ _____	Per	Linear Feet	43,803.00		
	666	6228	PAVEMENT SEALER 12" _____ _____	Per	Linear Feet	2,182.00		
	666	6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL) _____ _____	Per	Linear Feet	21,582.00		
	666	6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL) _____ _____	Per	Linear Feet	22,221.00		
	672	6009	REFL PAV MRKR TY II-A-A _____ _____	Per	Each	491.00		
	677	6001	ELIM EXT PAV MRK & MRKS (4") _____ _____	Per	Linear Feet	1,210.00		

SOUTH PORT CONNECTOR CSJ# 0921-06-288 - BID TAB

ALT	ITEM NO	DESC COE	DESCRIPTION AND UNIT PRICES IN WRITING			UNIT OF MEASURE- MENT	Approximate QUANTITY	UNIT PRICE (IN FIGURES) DOLLARS & CENTS	AMOUNT (IN FIGURES) DOLLARS & CENTS
BASE BID									
	685	6002	RELOCATE RDSD FLASH BEACON ASSEMBLY _____ _____ _____	Per	Each	EA	1.00		
	6056	6001	PREFORMED IN-LANE (TRANS) RUMBLE STRIP _____ _____ _____	Per	Linear Feet	LF	200.00		
BASE BID TOTAL =									

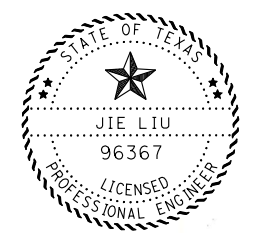
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SUMMARY OF BRIDGE QUANTITIES - BRIDGE #1 (SOUTH PORT CONNECTOR)									
BID ITEM	409 - 6001	409 - 6004	420 - 6013	420 - 6025	422-6001	425 - 6039	432 - 6016	450 - 6006	454 - 6001
DESCRIPTION	PRESTR CONC PIL (16 IN SQ)	PRESTR CONC PIL (24 IN SQ)	CL C CONC (ABUT)	CL C CONC (BENT)	REINF CONC SLAB	PRESTR CONC GIRDER (TX54)	RIPRAP (STONE TYR) (DRY) (12IN)	RAIL (TY T223)	SEALED EXPANSION JOINT (4 IN) (SEJ-A)
	LF	LF	CY	CY	SF	LF	CY	LF	LF
2 - ABUTMENTS	80	1,008	80.6				174		
15 - INTERIOR BENTS		6,930		334.5					
2- 250.000' PRESTR CONC GIRDER UNIT					25,000.00	3,486.00		1,072.00	
4- 375.000' PRESTR CONC GIRDER UNIT					75,000.00	10,458.00		3,000.00	
TOTAL	80	7,938	80.6	334.5	100,000.00	13,944.00	174	4,072.00	350.00

BEARING SEAT ELEVATIONS

		GIRDER 1	GIRDER 2	GIRDER 3	GIRDER 4	GIRDER 5	GIRDER 6	GIRDER 7
ABUT 1 & 17	(FWD)	11.034	11.217	11.401	11.584	11.401	11.217	11.034
BENT 2-16	(BK)	11.034	11.217	11.401	11.584	11.401	11.217	11.034
	(FWD)	11.034	11.217	11.401	11.584	11.401	11.217	11.034
ABUT 17	(BK)	11.034	11.217	11.401	11.584	11.401	11.217	11.034



Jie Liu
10/17/2019

T3-S3 TYPE I LOADING

SOUTH PORT CONNECTOR
QUANTITIES
BRIDGE #1

SCALE:

S&B INFRASTRUCTURE, LTD.
TEXAS BOARD OF PROFESSIONAL ENGINEERS # F-1582

DRAWING PREPARED BY: S&B I

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO. 1 OF 1	
6				
DGN: JL	STATE	DIST.	COUNTY	
CHK DGN: WC	TEXAS	PHARR	CAMERON	
DWG: DT	CONT.	SECT.	JOB	HIGHWAY NO.
CHK DWG: MW	0921	06	288	SOUTH PORT CONNECTOR

REV.	DATE	DESCRIPTION	DESIGN	APPRV.
1	10/17/2019	CHANGED 16" PILE QUANTITY	DT	JL

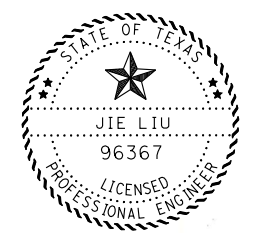
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SUMMARY OF BRIDGE QUANTITIES - BRIDGE #2 (SOUTH PORT CONNECTOR)									
BID ITEM	409 - 6001	409 - 6004	420 - 6013	420 - 6025	422 - 6001	425 - 6039	432 - 6016	450 - 6006	454 - 6001
DESCRIPTION	PRESTR CONC PILE (16 IN SQ)	PRESTR CONC PILE (24 IN SQ)	CL C CONC (ABUT)	CL C CONC (BENT)	REINF CONC SLAB	PRESTR CONC GIRDER (TX54)	RIPRAP (STONE TYR) (DRY) (12IN)	RAIL (TY T223)	SEALED EXPANSION JOINT (4 IN) (SEJ-A)
	LF	LF	CY	CY	SF	LF	CY	LF	LF
2 - ABUTMENTS	80	896	80.6				174		
18 - INTERIOR BENTS		7,812		400.2					
2- 250.000' PRESTR CONC GIRDER UNIT					25,000.00	3,486.00		1,072.00	
5- 375.000' PRESTR CONC GIRDER UNIT					93,750.00	13,072.50		3,750.00	
TOTAL	80	8,708	80.6	400.2	118,750.00	16,558.50	174	4,822.00	350.00

BEARING SEAT ELEVATIONS

		GIRDER 1	GIRDER 2	GIRDER 3	GIRDER 4	GIRDER 5	GIRDER 6	GIRDER 7
ABUT 1	(FWD)	10.874	11.057	11.241	11.424	11.241	11.057	10.874
BENTS 2-19	(BK)	10.874	11.057	11.241	11.424	11.241	11.057	10.874
	(FWD)	10.874	11.057	11.241	11.424	11.241	11.057	10.874
ABUT 20	(BK)	10.874	11.057	11.241	11.424	11.241	11.057	10.874



Jie Liu
10/17/2019

T3-S3 TYPE I LOADING

SOUTH PORT CONNECTOR
QUANTITIES
BRIDGE #2

SCALE:

S&B INFRASTRUCTURE, LTD.
TEXAS BOARD OF PROFESSIONAL ENGINEERS #: F-1582

DRAWING PREPARED BY: S&B I

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO. 1 OF 1	
6				
DGN: JL	STATE	DIST.	COUNTY	
CHK DGN: WC	TEXAS	PHARR	CAMERON	
DWG: DT	CONT.	SECT.	JOB	HIGHWAY NO.
CHK DWG: MW	0921	06	288	SOUTH PORT CONNECTOR

REV.	DATE	DESCRIPTION	DESIGN	APPRV.
1	10/17/2019	CHANGED 16" PILE QUANTITY	DT	JL