

**ADDENDUM No. 1**

**Tezel Road Intersection Improvements  
(Tezel Rd. at Guilbeau Rd.)  
Project No. 40-00254**

DATE: April 18, 2013

TO: All contractors, holders of specifications, and all interested parties in the above-referenced project are hereby notified of the following revisions to the plans and specifications taking precedence over all previous declarations and notes made on the plans and specifications.

FROM: HDR Engineering, Inc.  
1020 NE Loop 410, Suite 400  
San Antonio, Texas 78209

**BEGIN CHANGE:**

1. Replace language/sheets of the plans/specifications with the following:

Form 025 is amended to include SAWS base bid and SAWS Alt 1 bid items. Attached is revised Unit Pricing Form.

2. Add Notes: N/A

3. Clarifications:

CPS Gas joint bid work is not included in 025 Form. This work is to be priced on CPS Energy Exhibit GAS-5 Compensation Schedule.

Totals from 025 Form and Exhibit GAS-5 must be written into appropriate section of 020 Bid Form.

4. Questions/**Responses:**

Can a trench detail be provided for the SAWS work? Specifically will flowable fill be required? If so, can a pay item be added?

- **SAWS details can be found online at SAWS website:**  
[http://www.saws.org/business\\_center/specs/constspecs/](http://www.saws.org/business_center/specs/constspecs/)
- **the SAWS trench detail is at:**  
[http://www.saws.org/business\\_center/specs/constspecs/docs/Spec\\_812\\_\(Rev%20Jun%2009\).pdf](http://www.saws.org/business_center/specs/constspecs/docs/Spec_812_(Rev%20Jun%2009).pdf)
- **Flowable fill is not required on this project and a pay item will not be added.**

Can a separate pay item be added for the "cut-in" 8" gate valve? This is not a standard gate valve install.

- **Cost to be included in price of 8" gate valve, Item 828.**

END CHANGE

SIGNATURE AND SEAL OF ENGINEER



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CITY OF SAN ANTONIO  
 025 UNIT PRICING FORM

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	100.10			MOBILIZATION	L.S.	1			
	100.20			INSURANCE & BOND	L.S.	1			
	101.10			PREPARING RIGHT OF WAY	L.S.	1			
	103.10			REMOVE CONCRETE CURB	L.F.	2792			
	103.30			REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	S.F.	1802			
	103.50			BRICK WALL REMOVAL	E.A.	1			
	104.10			STREET EXCAVATION	C.Y.	1474			
	107.10			EMBANKMENT (FINAL)(DENS CONT)(TY B)	C.Y.	90			
	203.10			TACK COAT	GAL.	780			
	205.20			HOT MIX ASPHALTIC PAVEMENT, TYPE B (8" COMP. DEPTH)	S.Y.	2541			
	205.40			HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH)	S.Y.	7690			
	208.10			SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT(2" DEPTH)	S.Y.	5020			
	209.10			CONCRETE PAVEMENT (10" DEEP)(BUS PAD)	S.Y.	860			
	308.10			DRILLED SHAFTS (36")	L.F.	52			
	500.10			CONCRETE CURBING	L.F.	3207			
	500.10			RIBBON CURB	L.F.	25			
	502.10			CONCRETE SIDEWALKS	S.Y.	1587			
	503.20			PORTLAND CEMENT CONCRETE DRIVEWAYS - COMMERCIAL	S.Y.	919			
	505.10			CONCRETE RIPRAP (4" THICK)	S.Y.	253			
	506.10			CONCRETE RETAINING WALLS-COMB. TYPE	C.Y.	26			
	512.30			VALVE BOX ADJUSTMENTS	EA.	8			
	515.10			TOPSOIL	C.Y.	276			
	516.10			BERMUDA SODDING	S.Y.	2488			
	530.10			BARRICADES, SIGNS & TRAFIC HANDLING	L.S.	1			
	531.60			R2-1 SPEED LIMIT (24"x30")(HIGH DENSITY)	EA.	3			
	531.17			R4-7 KEEP RIGHT (24"x30")(HIGH DENSITY)	EA.	1			
	531.18			R5-1 DO NOT ENTER (30"x30")(HIGH DENSITY)	EA.	3			
	531.19			R6-1 ONE WAY (36"x12")(HIGH DENSITY)	EA.	1			
	531.34			S1-1 ADVANCE SCHOOL CROSSING AND SCHOOL CROSSING(36"x36")	EA.	4			
	531.44			W16-7 DIAGONAL ARROW SIGN (30"x18")(HIGH DENSITY)	EA.	2			
	531.59			SPECIAL SIGN (HIGH DENSITY)	EA.	17			

	531.62		W16-9P AHEAD (36"x20")(HIGH DENSITY)	EA.	1		
	535.20		4 INCH WIDE WHITE LINE	L.F.	676		
	535.40		8 INCH WIDE WHITE LINE	L.F.	965		
	535.70		24 INCH WIDE WHITE LINE	L.F.	741		
	535.90		LEFT WHITE ARROW	EA	11		
	535.12		WORD "ONLY"	WORD	4		
	536.10		4 INCH WIDE YELLOW LINE	L.F.	3116		
	536.1X		4 INCH WIDE YELLOW LINE (TCP)	L.F.	140		
	536.2X		4 INCH WIDE WHITE LINE (TCP)	L.F.	600		
	536.4X		8 INCH WIDE WHITE LINE (TCP)	L.F.	153		
	536.70		24 INCH WIDE YELLOW LINE	L.F.	132		
	537.1X		TRAFFIC BUTTON (TYPE W)(TCP)	EA	56		
	537.60		TRAFFIC BUTTON (TYPE I-C)	EA	116		
	537.80		TRAFFIC BUTTON (TYPE II A-A)	EA	144		
	540.60		CONSTRUCTION EXITS (INSTALL/REMOVE)	S.Y.	156		
	540.90		TEMPORARY SEDIMENT CONTROL FENCE	L.F.	3380		
	615.10		TRAFFIC SIGNAL CONTROLLER ASSEMBLY (TYPE 332 CABINET) (2070 CONTROLLER)	EA	1		
	618.10		CONDUIT (2 INCH/PVC SCHEDULE 40)	L.F.	86		
	618.20		CONDUIT (3 INCH/PVC SCHEDULE 40)	L.F.	39		
	618.50		CONDUIT (3 INCH/PVC SCHEDULE 40)(BORE)	L.F.	830		
	620.10		ELECTRICAL CONDUCTORS (NO. 6)(BARE)	L.F.	6		
	620.20		ELECTRICAL CONDUCTORS (NO. 8)(BARE)	L.F.	941		
	620.30		ELECTRICAL CONDUCTORS (NO. 6)(INSULATED)	L.F.	12		
	624.80		GROUND BOXES TYPE D (162922) W/ APRON	EA	4		
	628.10		ELECTRICAL SERVICES (PER INSTALLATION)	EA	1		
	633.10		BATTERY BACKUP SYSTEM	EA	1		
	655.10		TYPE 332 CONTROLLER FOUNDATION	EA	1		
	680.10		INSTALLATION OF HIGHWAY TRAFFIC SIGNAL	EA	1		
	681.20		TEMPORARY TRAFFIC SIGNALS (PER INTERSECTION)	EA	1		
	682.10		INSTALL VEHICLE SIGNAL SECTION WITH BACK PLATE (3 SECTION)	EA	8		
	682.20		INSTALL VEHICLE SIGNAL SECTION WITH BACK PLATE (4 SECTION)	EA	4		
	682.40		INSTALL PEDESTRIAN SIGNAL SECTION (12 INCH) LED (2 IND)	EA	8		
	684.10		TRAFFIC SIGNAL CABLES (TYPE A)(14 AWG)(CONDUCTOR NO. 9)	LF	2510		
	684.10		TRAFFIC SIGNAL CABLES (TYPE A)(14 AWG)(CONDUCTOR NO. 4)	LF	735		

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CITY OF SAN ANTONIO  
 025 UNIT PRICING FORM

	686.10		INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 44')	EA	1		
	686.10		INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 48')	EA	3		
	687.10		PEDESTAL POLE ASSEMBLY	EA	4		
	688.30		AUDIBLE PEDESTRIAN SIGNAL UNITS (TYPE)	EA	8		
	693.10		INTERNALLY LIGHTED STREET NAME SIGNS (DUAL-SIDED/6')	EA	4		
	694.12		VIVDS PROCESSOR UNIT (2-CHANNEL)	EA	5		
	694.20		VIVDS CAMERA ASSEMBLY	EA	8		
	694.30		VIVDS CENTRAL CONTROL	EA	1		
	694.40		VIVDS SET-UP SYSTEM	EA	1		
	694.60		VIVDS COMMUNICATION CABLE (COAXIAL)	L.F.	1470		
	695.22		EMERGENCY PREEMPTION PHASE SELECTOR	EA	2		
	695.30		EMERGENCY PREEMPTION DETECTOR	EA	4		
	695.40		EMERGENCY PREEMPTION DETECTOR CABLE	LF	735		
	695.X1		CAT 5 ETHERNET CABLE	LF	158		
	695.X2		BELDEN POWER CABLE	LF	79		
	695.X3		WIRELESS ACCESS POINT AND BRIDGE	EA	1		
	6007.10		REMOVAL OF TRAFFIC SIGNAL	EA	1		
	0420 2001		CLASS A CONCRETE (MISC.)	CY	10		
	1018 2001		TREE PROTECTION	EA	25		
	XXX.10		BRAUN STATION MONUMENT (DEMO)	LS	1		

Total Bid Amount (Base Roadway):

SAWS WATER BID ITEMS

	550		TRENCH EXCAVATION PROTECTION	L.F.	749		
	814		PIPE D.I. (20")	L.F.	5		
	818		PIPE WATER MAIN (PVC) (8 IN)	L.F.	741		
	818		PIPE PVC (12 IN)	L.F.	3		
	824		RELAY 1-1/2" LONG SERVICE	EA.	1		
	824		RELAY 2" SHORT SERVICE	EA.	1		
	824		RELAY 1" SHORT SERVICE	EA.	1		
	824		8" FIRE LINE RELAY	EA.	1		
	828		8" GATE VALVE, MJ w/BOX	EA.	4		
	833		NEW METER BOX	EA.	1		
	833		EXISTING METER AND NEW METER BOX RELOCATION	EA.	3		
	834.1		FIRE HYDRANT (COMPLETE)	EA.	1		
	836		DUCTILE IRON FITTINGS	TON	1.7		
	840		8" WATER TIE-IN (COMPLETE)	EA.	3		

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	841			HYDROSTATIC TEST	EA.	1		
	844			2" TEMPORARY BLOW-OFF (COMPLETE)	EA.	3		
	846			RELOCATE AIR RELEASE VALVE	EA.	1		
	856			20" STEEL CASING	L.F.	40		
	3000			REMOVAL, TRANSPORT, AND DISPOSAL OF AC PIPE	L.F.	30		
	206.1			10" ASPHALT TREATED BASE	S.Y.	337		

Total Bid Amount (Base SAWS):

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100.10			MOBILIZATION	L.S.	1			
1	100.20			INSURANCE & BOND	L.S.	1			
1	101.10			PREPARING RIGHT OF WAY	L.S.	1			
1	104.10			STREET EXCAVATION	C.Y.	229			
1	107.10			EMBANKMENT (FINAL)(DENS CONT)(TY B)	C.Y.	3			
1	203.10			TACK COAT	GAL.	50			
1	205.20			HOT MIX ASPHALTIC PAVEMENT, TYPE B (8" COMP. DEPTH)	S.Y.	464			
1	205.40			HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH)	S.Y.	385			
1	530.10			BARRICADES, SIGNS & TRAFFIC HANDLING	L.S.	1			
1	531.11			R3-5 LEFT OR RIGHT ONLY (30"x36")(HIGH DENSITY)	EA.	1			
1	531.34			S1-1 ADVANCE SCHOOL CROSSING AND SCHOOL CROSSING(36"x36")	EA.	1			
1	531.44			W16-7 DIAGONAL ARROW SIGN (30"x18")(HIGH DENSITY)	EA.	1			
1	531.59			SPECIAL SIGN (HIGH DENSITY)	EA.	3			
1	535.40			8 INCH WIDE WHITE LINE	L.F.	272			
1	535.70			24 INCH WIDE WHITE LINE	L.F.	42			
1	535.80			RIGHT WHITE ARROW	EA	2			
1	535.12			WORD "ONLY"	WORD	1			
1	535.18			SOLID WHITE YIELD MARKS (6"x9")	EA	4			
1	537.80			TRAFFIC BUTTON (TYPE II A-A)	EA	9			
1	618.20			CONDUIT (3 INCH/PVC SCHEDULE 40)	L.F.	14			

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1	620.20			ELECTRICAL CONDUCTORS (NO. 8)(BARE)	L.F.	56			
1	684.10			TRAFFIC SIGNAL CABLES (TYPE A)(14 AWG)(CONDUCTOR NO. 4)	LF	2			
1	694.12			VIVDS PROCESSOR UNIT (2-CHANNEL)	EA	1			
1	694.60			VIVDS COMMUNICATION CABLE (COAXIAL)	L.F.	4			
1	695.40			EMERGENCY PREEMPTION DETECTOR CABLE	LF	2			

Total Bid Amount (Alt 1 Roadway):

SAWS WATER ADD ALTERNATE #1

1	834.1			RECONNECT FIRE HYDRANT	EA	1			
1	834.3			RELOCATE FIRE HYDRANT	EA	1			
1	832			24"X6" TAPPING SLEEVE & VALVE	EA	1			

Total Bid Amount (Alt 1 SAWS):

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
2	100.10			MOBILIZATION	L.S.	1			
2	100.20			INSURANCE & BOND	L.S.	1			
2	101.10			PREPARING RIGHT OF WAY	L.S.	1			
2	XXX.10			BRAUN STATION MONUMENT (DEMO)	LS	1			
2	XXX.20			BRAUN STATION MONUMENT (INSTALL)	LS	1			
2	530.10			BARRICADES, SIGNS & TRAFFIC HANDLING	LS	1			

Total Bid Amount (Alt 2):

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
3	100.10			MOBILIZATION	L.S.	1			
3	100.20			INSURANCE & BOND	L.S.	1			
3	101.10			PREPARING RIGHT OF WAY	L.S.	1			
3	103.10			REMOVE CONCRETE CURB	L.F.	1456			
3	104.10			STREET EXCAVATION	C.Y.	451			
3	203.10			TACK COAT	GAL.	850			

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3	205.20			HOT MIX ASPHALTIC PAVEMENT, TYPE B (8" COMP. DEPTH)	S.Y.	950			
3	205.40			HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH)	S.Y.	8448			
3	208.10			SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT(2" DEPTH)	S.Y.	7633			
3	500.10			CONCRETE CURBING	L.F.	1456			
3	502.10			CONCRETE SIDEWALKS	S.Y.	170			
3	530.10			BARRICADES, SIGNS & TRAFFIC HANDLING	LS	1			
3	531.59			SPECIAL SIGN (HIGH DENSITY)	EA.	2			
3	531.73			W11-1 (BICYCLE WARNING)(30"x30")(HIGH DENSITY)	EA.	2			
3	535.20			4 INCH WIDE WHITE LINE	L.F.	580			
3	535.40			8 INCH WIDE WHITE LINE	L.F.	284			
3	535.70			24 INCH WIDE WHITE LINE	L.F.	87			
3	535.90			LEFT WHITE ARROW	EA	10			
3	535.12			WORD "ONLY"	WORD	2			
3	536.10			4 INCH WIDE YELLOW LINE	L.F.	2876			
3	536.1X			4 INCH WIDE YELLOW LINE (TCP)	L.F.	3582			
3	536.2X			4 INCH WIDE WHITE LINE (TCP)	L.F.	560			
3	536.4X			8 INCH WIDE WHITE LINE (TCP)	L.F.	70			
3	537.1X			TRAFFIC BUTTON (TYPE W)(TCP)	EA	54			
3	537.60			TRAFFIC BUTTON (TYPE I-C)	EA	73			
3	537.80			TRAFFIC BUTTON (TYPE II A-A)	EA	124			
3	540.60			CONSTRUCTION EXITS (INSTALL/REMOVE)	S.Y.	78			
3	0420 2001			CLASS A CONCRETE (MISC.)	CY	20			

Total Bid Amount (Alt 3):

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
4	100.10			MOBILIZATION	L.S.	1			
4	100.20			INSURANCE & BOND	L.S.	1			
4	101.10			PREPARING RIGHT OF WAY	L.S.	1			
4	530.10			BARRICADES, SIGNS & TRAFFIC HANDLING	L.S.	1			

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4	684.10			TRAFFIC SIGNAL CABLES (TYPE A)(14 AWG)(CONDUCTOR NO. 4)	LF	4000			
4	693.10			INTERNALLY LIGHTED STREET NAME SIGNS (DUAL-SIDED/6')	EA	8			
4	693.10			INTERNALLY LIGHTED STREET NAME SIGNS (DUAL-SIDED/8')	EA	8			
							Total Bid Amount (Alt 4):		

Total Bid Amount:

\_\_\_\_\_ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

\_\_\_\_\_ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. \_\_\_\_\_ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

**CPS ENERGY  
EXHIBIT GAS-5  
COMPENSATION SCHEDULE  
CONSTRUCTION OF NATURAL GAS DISTRIBUTION FACILITIES**

PROJECT NAME: Tezel Rd. Intersection Improvements

W.R. #: 1709184

NOTE A: For each of the items below, the Contractor's work is to include: trenching, joining, testing, coating steel, connecting new pipe to existing pipe and all necessary fittings for tie-ins such as, stopper fittings and 3-way stopper tees, sand padding, backfilling and compacting to consistency of original soil, Installing all necessary cathodic protection devices such as CPTLB's and anodes, replacing paving, curbs, and sidewalks removed or damaged during construction, and cleanup as may be necessary in each instance.

NOTE B: Trenching is considered to be the normal method of service installation and is required on all service adjustments. A gas service can be rerun by INSERTION, when the old service is PULLED from the riser to one foot inside the property line, ONLY at the discretion of the CPS Inspector.

NOTE C: Bid quantities shown are estimates by CPS. Per foot prices shall be applied to the actual distance measured along the top of the trench or the actual length of the bore, as applicable.

NOTE D: Unit prices shall include insurance costs. CPS' insurance requirements are specified in Exhibit GAS-1.

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>BID QUANTITY</u>	<u>TOTAL PRICE</u>
1.	Rerun and Lower Gas Service Off New Main (Main to 1 Ft. Inside Property Line), Sizes 1" thru 4" (including replacing riser if necessary).				
	Short Side	1 ea.	\$ _____	X 2	= \$ _____
2.	Rerun and Lower Gas Service Off New Main (Main to Meter), Sizes 1½" thru 4"				
	Long Side	1 ea.	\$ _____	X 1	= \$ _____
3.	Install Gas Main or Casing (Distance As Measured Along the Top of Trench)				
	8" Plastic Pipe and Tracer Wire	1 ft.	\$ _____	X 431	= \$ _____

The COST to abandon the existing main(s) is not an ADDITIONAL item and is to be included in the Unit Price(s) for this item.

**CPS ENERGY  
EXHIBIT GAS-5  
COMPENSATION SCHEDULE  
CONSTRUCTION OF NATURAL GAS DISTRIBUTION FACILITIES**

5. Street Restoration Adjustment, when required.  
To be used as directed by the CPS Energy Representative.

Flowable Fill	1 CY.	\$ _____	X	25	= \$ _____
Asphalt	1 SY.	\$ _____	X	74	= \$ _____

TOTAL COST: \$ \_\_\_\_\_

COMPANY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_