



City of San Antonio
TRANSPORTATION AND CAPITAL IMPROVEMENTS

ADDENDUM NO. 3

PROJECT NAME: **Ray Ellison (Loop 410 to Old Pearsall Road)**

PROJECT NO.: **40-00312**

DATE: 3/19/2015

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

ENGINEER'S ESTIMATE

City Construction	\$16,077,200
Additive Alternative	\$700,900.00
SAWS Water	\$792,382.78
SAWS Sewer	\$214,946.21
CPS Energy Gas	\$4,116,407.66
Total Construction	\$21,901,836.65

PROJECT MANUAL

- Replace "020 Bid Form" with Addendum No. 3 "020 Bid Form." Revised estimated construction budget.
- Replace "025 Unit Pricing Form" with Addendum No. 3 "025 Unit Pricing Form." Revised bid items in SAWS WATER JOB NO. 22-5091.



City of San Antonio
TRANSPORTATION AND CAPITAL IMPROVEMENTS

PLANS

Indian Creek Plans SAWS Water

- Replace Sheet 3 of 6 with Addendum No. 3 Sheet 3 of 6. 120 LF of Remove AC main shall be removed from station 153+14 to station 154+34 or as adjusted in the field to accommodate the placement of the proposed box culvert and storm drain at this location. The work shall be paid under SAWS special specification Item 3000 "Handling Asbestos Cement Pipe".



03/20/2015

CITY OF SAN ANTONIO

Project Name: Ray Ellison Boulevard (410 to Old Pearsall Road)
ID NO.: 40-00312

Date Issued: March 19, 2015

The estimated construction budget for this contract is \$21,901,836.65

Page 1 of 1

020

BID FORM

I. BASE BID

Amount of Street/Roadway Construction Base Bid (Insert Amount in Words and Numbers):

_____ \$ _____

Amount of SAWS Water (12-5091 & 12-5104) Base Bid (Insert Amount in Words and Numbers):

_____ \$ _____

Amount of SAWS Sewer (12-5591) Base Bid (Insert Amount in Words and Numbers):

_____ \$ _____

Amount of CPS Base Bid (Insert Amount in Words and Numbers):

_____ \$ _____

Total Amount of Base Bid (Insert Amount in Words and Numbers):

_____ \$ _____

II. ALTERNATES

Amount of each Alternates (if applicable) insert in Numbers:

Additive Alternate #1 - Walnut Valley Storm Drain

Total Amount of Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

_____ \$ _____

III. UNIT PRICES

Bidders shall submit unit pricing on the 025 Unit Pricing form, and it shall be attached immediately following this sheet.

Official Name of Company (legal)

Telephone No.

Address

Fax No.

City, State and Zip Code

E-mail Address

Name of the proposed **Project Manager:** _____

Name of the proposed **Site Superintendent:** _____

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)

PROJECT NO. 40-00312

BASE BID

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	100.1			MOBILIZATION	LS	1			
	100.2			INSURANCE AND BOND	LS	1			
	101.1			PREPARING RIGHT-OF-WAY	LS	1			
	103.1			REMOVE CONCRETE CURB	LF	6777			
	103.3			REMOVE SIDEWALKS AND DRIVEWAYS	SF	79366			
	103.4			REMOVE MISCELLANEOUS CONCRETE	SF	1653			
	104.1			STREET EXCAVATION	CY	36690			
	105.1			CHANNEL EXCAVATION	CY	4432			
	106.1			BOX CULVERT EXCAVATION AND BACKFILL	CY	17804			
	107.1			EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	4420			
	108.1			LIME TREATED SUBGRADE (8" COMPACTED DEPTH)	SY	66203			
	108.2			LIME	TON	176			
	203.1			TACK COAT	GAL	12502			
	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (8" COMP. DEPTH)	SY	64200			
	205.3			HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" COMP. DEPTH)	SY	62525			
	205.4			HOT MIX ASPHALTIC PAVEMENT, TYPE D (1.5" COMP. DEPTH)	SY	62525			
	209.1			BUS STOP CONCRETE PAD	SY	1782			
	302.1			METAL FOR STRUCTURES	LBS	4665			
	306.1			SRUCTURAL EXCAVATION	CY	284			
	307.1			CONCRETE STRUCTURE (WINGWALL)(PW-1)	CY	127			
	307.2			CONCRETE STRUCTURE (WINGWALL)(SW-0)	CY	7			
	307.3			CONCRETE STRUCTURE (WINGWALL)(FW-0)	CY	3			
	307.4			CONCRETE STRUCTURE (FLUME)	SY	16			
	307.5			CONCRETE STRUCTURE (HEADWALLS OR OUTFALL STRUCTURES)	SY	21			
	308.1			DRILLED SHAFTS (36")	LF	72			
	308.3			DRILLED SHAFTS (30")	LF	12			
	401.101			REINFORCED CONCRETE PIPE (CLASS III)(24" DIA)	LF	2407			
	401.102			REINFORCED CONCRETE PIPE (CLASS III)(30" DIA)	LF	448			
	401.103			REINFORCED CONCRETE PIPE (CLASS III)(36" DIA)	LF	592			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)

PROJECT NO. 40-00312

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	401.104			REINFORCED CONCRETE PIPE (CLASS III)(42" DIA)	LF	176			
	401.105			REINFORCED CONCRETE PIPE (CLASS IV)(24" DIA)	LF	698			
	401.106			REINFORCED CONCRETE PIPE (CLASS IV)(30" DIA)	LF	108			
	410.2			GRAVEL SUBGRADE FILTER	CY	96			
	500.1			CONCRETE CURB	LF	8187			
	500.6			CONCRETE CURB (FLUSH CURB)	LF	13523			
	502.1			CONCRETE SIDEWALKS	SY	12541			
	502.3			SIDEWALK DRAIN	EA	1			
	502.4			CONCRETE SIDEWALK FOR BUS SHELTER	SY	54			
	503.2			PORTLAND CEMENT CONCRETE DRIVEWAY - COMMERCIAL	SY	2928			
	504.1			CONCRETE MEDIAN	SY	374			
	504.2			CONCRETE DIRECTIONAL ISLAND	SY	164			
	505.1			CONCRETE RIPRAP (5")	SY	1235			
	506.1			CONCRETE RETAINING WALLS - COMBINATION TYPE	CY	119			
	508.1			RELOCATING WIRE FENCE	LF	63			
	512.3			VALVE BOX ADJUSTMENTS	EA	2			
	515.1			TOPSOIL	CY	2418			
	517.1			BRIDGE RAIL (TXDOT C-223)	LS	208			
	520.1			HYDROMULCH	SY	883			
	522.1			SIDEWALK PIPE RAILING	LF	491			
	530.1			BARRICADES, SIGNS, AND TRAFFIC HANDLING	LS	1			
	531			COSA SIGNS	EA	123			
	535.1			4 INCH WIDE YELLOW LINE	LF	18988			
	535.101			COMBINATION THRU/RIGHT WHITE ARROW	EA	2			
	535.11			COMBINATION THRU/LEFT WHITE ARROW	EA	3			
	535.16			STRAIGHT WHITE ARROW BICYCLE FACILITY	EA	28			
	535.17			BICYCLE RIDER SYMBOL	EA	28			
	535.2			4 INCH WIDE WHITE LINE	LF	45973			
	535.4			8 INCH WIDE WHITE LINE	LF	460			
	535.51			WHITE YIELD TRIANGLE (18")	EA	15			
	535.52			MEDIAN NOSE WHITE	EA	5			
	535.53			24 INCH WIDE YELLOW LINE	LF	34			
	535.7			24 INCH WIDE WHITE LINE	LF	1604			
	535.9			LEFT WHITE ARROW	EA	2			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)
PROJECT NO. 40-00312

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	537.6			TRAFFIC BUTTON (TYPE I-C)	EA	464			
	537.8			TRAFFIC BUTTON (TYPE II A-A)	EA	479			
	540.1			ROCK FILTER DAMS (INSTALL) (TYPE 2)	LF	245			
	540.10			CURB INLET GRAVEL FILTER	LF	270			
	540.11			BAGGED INLET GRAVEL FILTERS	LF	70			
	540.2			ROCK FILTER DAMS (REMOVE) (TYPE 2)	LF	245			
	540.3			ROCK FILTER DAMS (INSTALL) (TYPE 3)	LF	142			
	540.4			ROCK FILTER DAMS (REMOVE) (TYPE 3)	LF	142			
	540.6			CONSTRUCTION EXITS (INSTALL)	SY	900			
	540.7			CONSTRUCTION EXITS (REMOVE)	SY	900			
	540.8			SANDBAGS FOR TEMPORARY SEDIMENT CONTROL FENCE	LF	414			
	540.9			TEMPORARY SEDIMENT CONTROL FENCE	LF	12119			
	550.1			TRENCH EXCAVATION SAFETY PROTECTION	LF	9335			
	551.1			TEMPORARY SPECIAL SHORING	SF	1171			
	554.1			EROSION CONTROL MATTING	SY	493			
	618.1			TRENCH CONDUIT (PVC SHCHEDULE 40) (2")	LF	325			
	618.2			TRENCH CONDUIT (PVC SHCHEDULE 40) (3")	LF	1010			
	618.5			BORE CONDUIT (PVC SHCHEDULE 40) (3")	LF	795			
	620.1			ELECTRICAL CONDUCTORS (NO. 6) (BARE)	LF	15			
	620.2			ELECTRICAL CONDUCTORS (NO. 8) (BARE)	LF	1840			
	620.3			ELECTRICAL CONDUCTORS (NO. 6) (INSULATED)	LF	25			
	624.4			GROUND BOXES TY D (162922)	EA	12			
	628.1			ELECTRICAL SERVICES (TYPE D) (120/240V)	EA	1			
	633.1			BATTERY BACKUP SYSTEM	EA	1			
	680.1			INSTALLATION OF HIGHWAY TRAFFIC SIGNALS [ISOLATED]	EA	3			
	681.1			TEMPORARY TRAFFIC SIGNALS (PER INTERSECTION)	EA	2			
	682.1			VEHICLE SIGNAL SECTION WITH BACK PLATE (3 SEC)	EA	15			
	682.2			VEHICLE SIGNAL SECTION WITH BACK PLATE (4 SEC)	EA	2			
	683.1			LED COUNTDOWN PEDESTRIAN SIGNAL MODULE	EA	16			
	684.1			TRAFFIC SIGNAL CABLES (TYPE A) (14 AWG) (9 CONDUCTOR)	LF	3545			
	684.11			TRAFFIC SIGNAL CABLES (TYPE A) (14 AWG) (7 CONDUCTOR)	LF	840			
	684.12			TRAFFIC SIGNAL CABLES (TYPE A) (14 AWG) (4 CONDUCTOR)	LF	680			
	685.4			SOLAR-POWERED (PHOTOVOLTAIC) SCHOOL ZONE FLASHER ASSEMBLIES	EA	6			
	686.1			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(STR TY D)(LUM)	EA	2			

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ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	686.5			INSTALL TRAFFIC SIGNAL POLE ASSEMBLY SMA-80 (32 FT) ILSN	EA	1			
	686.51			INSTALL TRAFFIC SIGNAL POLE ASSEMBLY SMA-80 (36 FT) ILSN	EA	1			
	686.52			INSTALL TRAFFIC SIGNAL POLE ASSEMBLY SMA-80 (40FT) ILSN	EA	2			
	687.1			PED POLE ASSEMBLY (10 FT TALL, GALVANIZED STEEL)	EA	9			
	688.2			PED DETECTORS (2 INCH PUSH BUTTON)	EA	16			
	688.3			AUDIBLE PEDESTRIAN SIGNAL UNITS [2" PUSHBUTTON AND SIGN]	EA	16			
	693.11			INSTALL INTERNALLY LIGHTED STREET NAME SIGN (LED)	EA	4			
	696.12			INSTALL RADAR ADVANCE DETECTION ASSEMBLY (RADD)	EA	4			
	696.13			INSTALL RADAR PRESENCE DETECTION ASSEMBLY (RPDD)	EA	8			
	696.14			INSTALL RADAR COMMUNICATION CABLE	LF	1890			
	801.1			LEVEL I PROTECTIVE FENCING	LF	7500			
	802.2			LEVEL II PRUNING	LS	1			
	1003.1			LANDSCAPE BOULDERS	EA	3			
	5300.2			OFF-DUTY POLICE OFFICERS	HRS	160			
	5999.1			STONE WALL	SF	1916			
	8000.1			CPS POWER POLE BRACING	LS	1			
	9000.101			ENGINEERED SOIL MEDIA	CY	2436			
	9000.102			GRAVEL DRAINAGE LAYER	CY	807			
	9000.103			4" PERFORATED PVC PIPE	LF	10616			
	9000.104			4" SOIL MEDIA BARRIER	CY	274			
	9000.105			LATERAL HYDRAULIC RESTRICTION BARRIER	SY	4357			
	9000.106			BERM	CY	8			
	9000.107			4" PVC PIPE	LF	1337			
	329200.1			ROCK MULCH (W/ WEED BARRIER)	SF	153135			
	329200.2			DRAINFIELD SEED MIX	SF	1114			
	329200.3			BARK MULCH WITH SHORT GRASS MIX	SF	7614			
	329200.4			SOLID SOD BERMUDA	SY	1986			
	329200.5			HYDROSEED	SY	18747			
	329300.1			NATIVE PLANTS 1 GALLON	EA	10548			
	329300.2			NATIVE PLANTS 3 GALLON	EA	1288			
	329300.3			NATIVE PLANTS 5 GALLON	EA	606			
	329300.4			DESERT WILLOW TREES (4" CALIPER)	EA	2			
	329300.5			MONTERREY OAKS (4" CALIPER)	EA	16			
	0168	2001		VEGETATIVE WATERING	MG	324			

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ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	0423	2007		RETAINING WALL (SPREAD FOOTING)	SF	2980			
	0432	2016		RIPRAP (STONE COMMON)(DRY)(8 IN)	CY	13			
	0432	2069		RIPRAP (STONE COMMON)(DRY)(18 IN)	CY	51			
	0432	9999		RIPRAP (STONE COMMON)(DRY)	SY	125			
	0452	2010		REMOV RAIL (PEDESTRIAN)	LF	110			
	0462	2001		CONC BOX CULV (3 FT X 2 FT)	LF	666			
	0462	2003		CONC BOX CULV (4 FT X 2 FT)	LF	416			
	0462	2006		CONC BOX CULV (5 FT X 2 FT)	LF	240			
	0462	2008		CONC BOX CULV (5 FT X 4 FT)	LF	698			
	0462	2010		CONC BOX CULV (6 FT X 3 FT)	LF	195			
	0462	2011		CONC BOX CULV (6 FT X 4 FT)	LF	1968			
	0462	2013		CONC BOX CULV (6 FT X 6 FT)	LF	333			
	0462	2021		CONC BOX CULV (8 FT X 6 FT)	LF	555			
	0462	2068		CONC BOX CULV (10 FT X 3 FT)	LF	390			
	0462	9999		CONC BOX CULV (2 FT X 1 FT)	LF	257			
	0465	2080		INLET (COMPL)(DROP)(TY 3)	EA	1			
	0465	2143		INLET (COMPL)(TRAFFIC)(TY X-1)	EA	35			
	0465	2145		INLET (COMPL)(TRAFFIC)(TY X-3)	EA	1			
	0465	2148		INLET (COMPL)(TRAFFIC)(TY X-6)	EA	1			
	0465	2190		INLET (COMPL)(DROP)(TY W-1)	EA	3			
	0465	2195		INLET (COMPL)(CURB)(TY 1)	EA	16			
	0465	4034		INLET (COMPL)(PSL)(RC)(3FTX3FT)	EA	6			
	0465	4036		INLET (COMPL)(PSL)(RC)(4FTX4FT)	EA	12			
	0465	4037		INLET (COMPL)(PSL)(RC)(4FTX5FT)	EA	2			
	0465	4039		INLET (COMPL)(PSL)(RC)(5FTX6FT)	EA	6			
	0465	4040		INLET (COMPL)(PSL)(RC)(6FTX6FT)	EA	1			
	0465	4041		INLET (COMPL)(PSL)(RC)(8FTX8FT)	EA	8			
	0467	2213		SET (TY II)(30 IN)(RCP)(3:1)(C)	EA	2			
	0467	2224		SET (TY II)(24 IN)(RCP)(4:1)(C)	EA	2			
	0467	9999		SET (TY I) (S=2 FT) (HW=1 FT) (4:1) P	EA	5			
	0496	2005		REMOV STR (WINGWALL)	EA	2			
	0496	2006		REMOV STR (HEADWALL)	EA	4			
	0496	2007		REMOV STR (PIPE)	LF	292			
	0496	2008		REMOV STR (BOX CULVERT)	LF	425			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)

PROJECT NO. 40-00312

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	0496	2030		REMOVE STR (BOLLARD)	EA	5			
	0496	2289		REMOVE STR (DRAINAGE FLUME)	EA	1			
	0508	2001		CONSTRUCTING DETOURS	STA	106			
	0512	2008		PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	9100			
	0512	2009		PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	720			
	0512	2026		PORT CTB (MOVE)(LOW PROF)(TY 1)	LF	8480			
	0512	2027		PORT CTB (MOVE)(LOW PROF)(TY 2)	LF	360			
	0512	2044		PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	9100			
	0512	2045		PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	720			
	0529	2094		CONC CURB (TY F3)	LF	193			
	0531	2005		CURB RAMPS (TY 1)	EA	7			
	0531	2006		CURB RAMPS (TY 2)	EA	2			
	0531	2007		CURB RAMPS (TY 3)	EA	4			
	0531	2009		CURB RAMPS (TY 6)	EA	6			
	0531	2010		CURB RAMPS (TY 7)	EA	17			
	0531	2014		CURB RAMPS (TY 22)	EA	1			
	0531	2040		CURB RAMPS (TY 5)	EA	2			
	0542	2001		REMOVING METAL BEAM GUARD FENCE	LF	400			
	0542	2002		REMOVING TERMINAL ANCHOR SECTION	EA	6			
	0644	2080		RELOCATE SM RD SN SP & AM(GALV SQ) COSA	EA	1			
	0662	2001		WK ZN PAV MRK NON-REMOV (W) 4" (BRK)	LF	100			
	0662	2004		WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	1103			
	0662	2016		WK ZN PAV MRK NON-REMOV (W) 24" (SLD)	LF	11			
	0662	2032		WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	1718			
	0662	2061		WK ZN PAV MRK REMOV (TRAF BTN) TY W	LF	940			
	0662	2067		WK ZN PAV MRK REMOV (W) 4" (SLD)	LF	27272			
	0662	2079		WK ZN PAV MRK REMOV (W) 24" (SLD)	LF	420			
	0662	2084		WK ZN PAV MRK REMOV (W) (ARROW)	EA	3			
	0662	2099		WK ZN PAV MRK REMOV (Y) 4" (SLD)	LF	45122			
	0662	2113		WK ZN PAV MRK SHT TERM (TAB) TY W	EA	2290			
	0662	2114		WK ZN PAV MRK SHT TERM (TAB) TY Y	EA	940			
	6007	2001		REMOVING TRAFFIC SIGNALS	EA	2			
	6834	2001		PORTABLE CHANGEABLE MESSAGE SIGN	DAY	154			

Total Bid Amount:

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

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ADDITIVE ALTERNATIVE #1

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	100.1			MOBILIZATION	LS	1			
	100.2			INSURANCE AND BOND	LS	1			
	101.1			PREPARING RIGHT-OF-WAY	LS	1			
	103.1			REMOVE CONCRETE CURB	LF	10			
	103.4			REMOVE MISCELLANEOUS CONCRETE	SF	623			
	106.1			BOX CULVERT EXCAVATION AND BACKFILL	CY	3553			
	205.3			HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" COMP. DEPTH)	SY	2682			
	208.1			SALVAGING, HAULING, AND STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT	SY	2682			
	500.1			CONCRETE CURB	LF	37			
	502.1			CONCRETE SIDEWALKS	SY	21			
	505.1			COMPLETE RIPRAP (6 INCHES THICK)	SY	28			
	506.1			CONCRETE RETAINING WALLS-COMB TYPE	CY	3			
	511.3			REPLACING WITH HOT MIX ASPHALTIC CONCRETE PAVEMENT - 8 INCH COMP.	SY	957			
	512.3			VALVE BOX ADJUSTMENTS	EA	1			
	516.1			BERMUDA SODDING	SY	40			
	522.1			SIDEWALK PIPE RAILING	LF	32			
	530.1			BARRICADES, SIGNS AND TRAFFIC HANDLING	LS	1			
	540.1			ROCK FILTER DAMS (INSTALL TYPE 2)	LF	100			
	540.11			BAGGED INLET GRAVEL FILTERS	LF	50			
	540.2			ROCK FILTER DAMS (REMOVE TYPE 2)	LF	100			
	550.1			TRENCH EXCAVATION SAFETY PROTECTION	LF	846			
	168	2001		VEGETATIVE WATERING	MG	1			
	0452	2010		REMOV RAIL (PEDESTRIAN)	LF	28			
	0462	2007		CONC BOX CULV (5 FT X 3 FT)	LF	692			
	0462	2010		CONC BOX CULV (6 FT X 3 FT)	LF	154			
	0465	2477		INLET (COMP)(DROP)(TY W-2)	EA	1			
	0465	4039		INLET (COMPL)(PSL)(RC)(5FTX6FT)	EA	1			
	0465	4041		INLET (COMPL)(PSL)(RC)(8FTX8FT)	EA	2			

Total Bid Amount:

CITY OF SAN ANTONIO
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PROJECT NO. 40-00312

SAWS WATER JOB NO. 12-5091 AND 12-5104

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	100			MOBILIZATION	LS	1			
	101			PREPARING RIGHT OF WAY	LS	1			
	205			HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH)	SY	602			
	206			ASPHALT TREATED BASE (10" COMPACTED DEPTH)	SY	457			
	550			TRENCH EXCAVATION SAFETY PROTECTION	LF	4413			
	818			8" PVC WATERLINE (RESTRAINED)	LF	80			
	818			12" PVC WATERLINE (RESTRAINED)	LF	4067			
	818			16" PVC WATERLINE (RESTRAINED)	LF	146			
	824			RELAY 1" LONG SERVICE	EA	1			
	824			RELAY 1-1/2" SHORT SERVICE	EA	4			
	824			RELAY 2" LONG SERVICE	EA	1			
	826			VALVE BOX ADJUSTMENT	EA	7			
	828			8" GATE VALVES	EA	2			
	828			12" GATE VALVES	EA	13			
	832			16" x 12" TAPPING SLEEVE AND VALVES	EA	2			
	834.1			FIRE HYDRANT	EA	10			
	834.2			TAPPED FIRE HYDRANT	EA	2			
	836			PIPE FITTINGS, ALL SIZES AND TYPES	TON	11.447			
	840			8" WATER TIE-INS	EA	2			
	840			12" WATER TIE-INS	EA	12			
	840			16" WATER TIE-INS	EA	2			
	841			HYDROSTATIC TESTING	EA	8			
	844			2" BLOWOFF, TEMPORARY	EA	16			
	844			2" BLOWOFF, PERMANENT	EA	3			
	846			1" AIR RELEASE ASSEMBLY	EA	1			
	856.2			12" CARRIER PIPE	LF	105			
	856.2			16" CARRIER PIPE	LF	44			
	856.3			CASING OR LINER 24"	LF	105			
	856.3			CASING OR LINER 30"	LF	44			
	3000			REMOVAL, TRANSPORTATION AND DISPOSAL OF AC PIPE	LF	910			

Total Bid Amount:

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)

PROJECT NO. 40-00312

SAWS SEWER JOB NO. 12-5591

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	100			MOBILIZATION	LS	1			
	101			PREPARING RIGHT OF WAY	LS	1			
	550			TRENCH EXCAVATION SAFETY PROTECTION	LF	668.58			
	848			10" PVC SANITARY SEWER LINE (0'-6')	LF	256.09			
	848			10" PVC SANITARY SEWER LINE (6'-10')	LF	215.9			
	848			18" PVC SANITARY SEWER LINE (6'-10')	LF	25.61			
	848			18" PVC SANITARY SEWER LINE (10'-14')	LF	170.98			
	851			LOCATE AND ADJUST EXSTING MANHOLE	EA	1			
	852.1			SANITARY SEWER MANHOLE (0'-6')	EA	10			
	852.3			EXTRA DEPTH MANHOLE (>6')	VF	22.89			
	854			SANITARY SEWER LATERALS	LF	53			
	854.1			SANITARY SEWER CLEAN-OUT	EA	2			
	855			RECONSTRUCTION OF EXISTING MANHOLE	EA	4			
	858			CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	21			
	860			VERTICAL STACKS	VF	4			
	862.1			ABANDONMENT OF 15" SANITARY SEWER MAIN	LF	187			
	862.2			ABANDONMENT OF 18" SANITARY SEWER MAIN	LF	15.5			
	864			BYPASS PUMPING	LS	1			
	866			SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	471.99			
	866			SEWER MAIN TELEVISION INSPECTION (18"-24")	LF	196.59			

Total Bid Amount:

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)
PROJECT NO. 40-00312

CPS ENERGY Job #1798754

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.									

NOTE A: For each of the items below, the Contractor's work is to include: trenching, joining, testing, coating steel, building and painting risers and meter set-ups, connecting new pipe to existing pipe and installing all necessary fittings for tie-ins such as, stopper fittings and 3-way stopper tees, valves, insulating joints, installing all necessary cathodic protection devices such as CPTLB's and anodes, sand padding, backfilling and compacting to consistency of original soil, 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 Energy inspector.

NOTE C: Bid quantities shown are estimates by CPS Energy. 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 Energy's insurance requirements are specified in Exhibit GAS-1.

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			Install Gas Main or Casing (Distance as Measured Along the Top of Trench).					
				2" Plastic Pipe and Tracer Wire	LF	2538			
				4" Plastic Pipe and Tracer Wire	LF	908			
				6" Plastic Pipe and Tracer Wire	LF	1981			
				8" Plastic Pipe and Tracer Wire	LF	392			
				6" Steel Pipe	LF	68			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)

PROJECT NO. 40-00312

		8" Steel Pipe	LF	81			
		24" Steel Pipe	LF	9593			
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.							
2		Install Gas Main or Casing by directional drilling. (Includes all costs for installation and restoration cost of bore pits.)					
		4" Plastic Pipe with Tracer Wire	LF	147			
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.							
3		Rerun and Lower Gas Service off New Main (Main to 1 ft. inside Prop. Line) Sizes 1" through 4."					
		Short Side	EA	2			
		Long Side	EA	5			
4		Rerun and Lower Gas Service off New Main (Main to Meter) Sizes 1" through 4." (Includes installation of new anodeless riser.)					
		Short Side	EA	1			
5		Replace existing steel service riser on customer premises with new anodeless riser, rebuilding to standard, and tie into existing plastic service line.					
		1" through 4" risers	EA	4			
6		Concrete/Flatwork	SY	3			
7		Flowable Fill	CY	257			
8		Cut and Restore Pavement. To be used as directed by CPS representative.	SY	771			
9		Install Gas Regulator Station	LS	1			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: Ray Ellison Boulevard (410 to Old Pearsall Road)
PROJECT NO. 40-00312

			Contractor to hire T.D. Williamson (TDW) to provide all labor and necessary fittings for Double-Stopple Bypass Plugging and Hot tapping operation on Existing 24" steel gas main. Contractor to provide any additional labor necessary to complete the bypass or hot tapping and plugging.				
10			Bypass (24" Stopple fittings & 12" Steel Bypass)	EA	2		
			Contractor to hire T.D. Williamson (TDW) to provide all labor and necessary fittings for Plugging and Hot tapping operation on Existing 24" steel gas main. Contractor to provide any additional labor necessary to complete hot tapping and plugging.				
11			Plug (24" Stopple fitting)	EA	1		

Total Bid Amount:

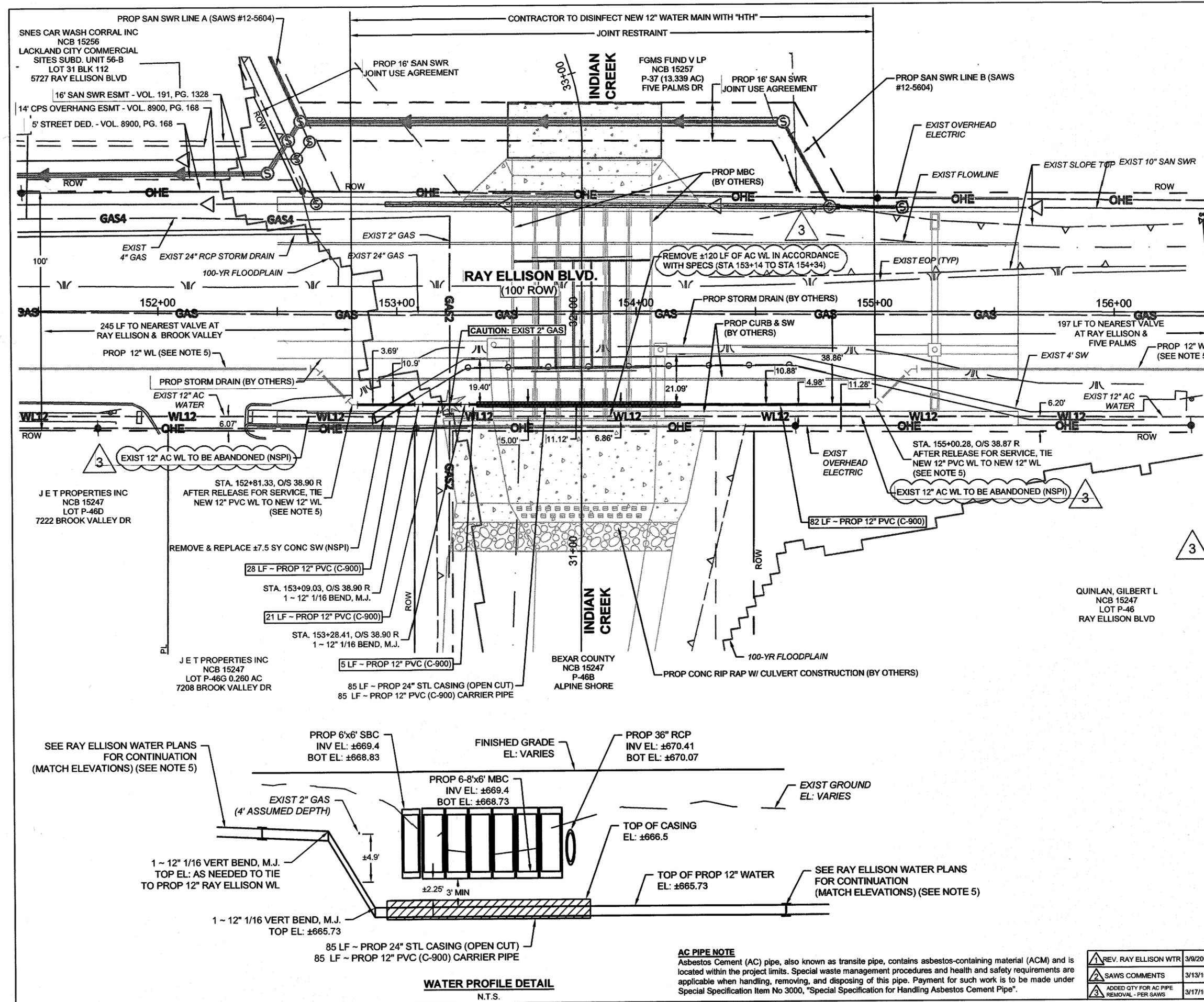
_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ 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: _____

H:\CTV_PROJ\234900 Indian Creek Phase II - SAWS Water & Sewer Adjustments\dwg\234900 WATER_P&P.dwg, 3 RAY ELLISON BLVD. AT INDIAN CREEK, 3/17/2015 2:00:05 PM, 1:1



HYDROSTATIC AND HTH TESTING NOTE:
 CONTRACTOR TO HYDROSTATIC TEST AND HTH THE PROPOSED WATER MAIN (NSPI).

- NOTES:**
1. ALL WORK SHOWN ON THIS SHEET SHALL BE CONSTRUCTED WITH THE CONCURRENT RAY ELLISON COSA BOND PROJECT (SAWS WATER/SEWER JOB NO. 12-5091/12-5591).
 2. WATER MAIN TO BE INSTALLED PRIOR TO INSTALLATION OF NEW CULVERT TO AVOID BORING.
 3. ALL NEW PVC MAINS ARE TO BE AWWA C900 DR 18 UNLESS OTHERWISE SHOWN ON PLANS.
 4. STATIONING ON THIS SHEET REFERENCES THE PROPOSED RAY ELLISON ROADWAY ALIGNMENT.
 5. FOR CONTINUATION OF PROPOSED WATER, REFERENCE THE RAY ELLISON WATER PLANS (SAWS # 12-5091)

SHEET TOTALS			
ITEM	DESCRIPTION	UNIT	QUANTITY
550	Trench Excavation Safety Protection	LF	221
818	12" PVC Waterline (Restrained)	LF	136.0
836	Pipe Fittings, all sizes and types	TON	0.085
856.2	12" Carrier Pipe for Jacking, Boring, Tunneling	LF	85
856.3	Casing or Liner 24" (Steel)	LF	85
3000	Removal, Transport and Disposal of AC Pipe	LF	120

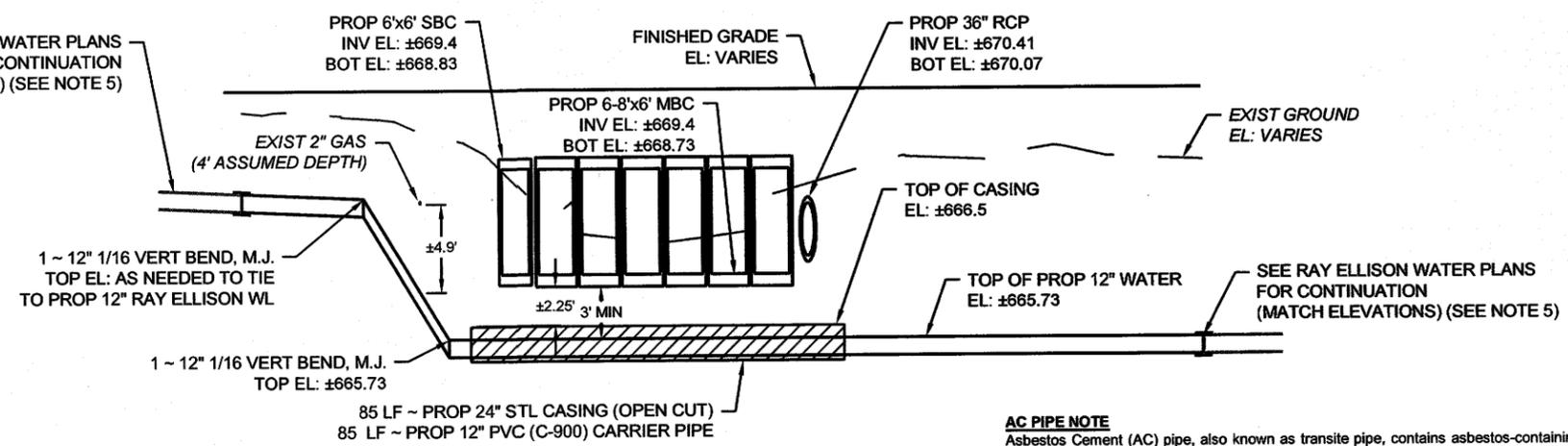
FORD ENGINEERING INC.
 ENGINEERING • PLANNING • DEVELOPMENT
 FEI PROJECT No: 2349.00 DATE: 1/27/2015
 10927 WYDE DRIVE, SUITE 104 • SAN ANTONIO, TEXAS 78217
 TEL: (210) 590-4777 • FAX: (210) 590-4940
 www.fordengineering.com T&PE No. F-1162



LEGEND

- PROP. WATER MAIN
- EXIST. WATER MAIN
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- UTILITY POLE LINE
- ELECTRIC CABLE
- TELEPHONE CABLE
- NEW UNMETERED SERVICE:
- 3/4" SINGLE
- 1" DUAL
- SERVICE RECONNECT:
- 3/4"
- 1" OR LARGER
- SERVICE RELAY:
- 3/4"
- 1" OR LARGER
- SERVICE RELOCATE:
- 3/4"
- 1" OR LARGER
- RELOCATE METER
- NEW SERVICE:
- 3/4"
- 1" OR LARGER
- DUAL SERVICE

QUINLAN, GILBERT L
 NCB 15247
 LOT P-46
 RAY ELLISON BLVD



AC PIPE NOTE
 Asbestos Cement (AC) pipe, also known as transite pipe, contains asbestos-containing material (ACM) and is located within the project limits. Special waste management procedures and health and safety requirements are applicable when handling, removing, and disposing of this pipe. Payment for such work is to be made under Special Specification Item No 3000, "Special Specification for Handling Asbestos Cement Pipe".

INDIAN CREEK CHANNEL IMPROVEMENTS PHASE II
WATER LINE ADJUSTMENTS
 RAY ELLISON BLVD. AT INDIAN CREEK
 SAWS JOB NO. 12-5104

DEVELOPER: SAN ANTONIO WATER SYSTEM
 CONT. BUDGET PROJ. ---

SUBMITTED 1/27/2015
 APPROVED _____

MAP No. 120-552, 122-552 SHEET
 SECT. No. ---
 DR. MDS CK. MBH
 JOB No. 12-5104 3 OF 6

CONTRACT



City of San Antonio
TRANSPORTATION AND CAPITAL IMPROVEMENTS

Note: Addenda Acknowledgement Form for Addendum 3 is attached herein. This form must be signed and submitted with the bid package.

RECEIPT OF ADDENDUM NUMBER(S) 3 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF Ray Ellison (Loop 410 to Old Pearsall Road) Project No. 40-00312

FOR WHICH BIDS WILL BE OPENED ON Tuesday, March 31, 2015 @ 2 PM CST

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title