Document 00911

NOTICE OF
ADDENDUM NO. 2

Date of Addendum: 4/1/15

PROJECT NAME: Fulton Paving and Drainage From Tidwell Road to Parker Road

PROJECT NO: WBS No. N-000542-0003-4

BID DATE: 04-09-2015 (There is a change to the Bid Date.)

FROM: Ravi Kalyatodi, P.E., CPM, Senior Assistant Director
City of Houston, Public Works and Engineering Department
611 Walker St., 15th Floor
Houston, Texas 77002
Attn: Ivy Wang, P.E., CPM, Project Manager

TO: Prospective Bidders

The referenced Addendum forms a part of the Bidding Documents and will be incorporated into the Contract documents, as applicable.

Written questions regarding this Addendum may be submitted to the Project Manager following the procedures specified in Document 00200 – Instructions to Bidders. Immediately notify the City Engineer through the named Project Manager upon finding discrepancies or omissions in the Bid Documents.

This Addendum includes:

ADDENDUM SYNOPSIS

Changes to Bid Day
Changes to Project Manual
Changes to Drawing

DATED: Ravi Kalyatodi
Ravi Kalyatodi, P.E., CPM
CMW Senior Assistant Director
IW Engineering Branch
Engineering and Construction Div

END OF DOCUMENT

Document 00910

ADDENDUM NO. 2

Date of Addendum: 4/1/15

PROJECT NAME: Fulton Paving and Drainage From Tidwell Road to Parker Road

PROJECT NO: WBS No. N-000542-0003-4

BID DATE: 04-09-2015 (There is a change to the Bid Date.)

FROM: Timothy Lincoln, P.E., City Engineer
City of Houston, Department of Public Works and Engineering,
611 Walker Street, Houston, Texas 77002

Attn: Ivy Wang, P.E., Project Manager

TO: Prospective Bidders

This Addendum forms a part of the Bidding Documents and will be incorporated into the Contract documents, as applicable. Insofar as the original Project Manual and Drawings are inconsistent, this Addendum governs.

CHANGES IN BID DATE

The Bid Date for this Project has been changed from April 2nd, 2015 to April 9th, 2015

Time of day and place for submittal of bid remains the same. The place of submittal remains the same.

CHANGES TO PROJECT MANUAL

1. Document 00410B – Bid Form – Part B. Removed Bid items ALL.40
2. Document 00410B – Bid Form – Part B. Removed quantitates for Bid items SB.46. Updated quantities for Bid items SB.46.
3. Document 00410B – Bid Form – Part B. Added Bid item SB.48.

CHANGES TO DRAWINGS

1. Revised Sheet 139, Overall Traffic Control/ Construction Sequence Narrative

END OF ADDENDUM NO. 2

STATE OF TEXAS
VINCENT R. OBREGON
81117
LICENSED
PROFESSIONAL ENGINEER

4-1-15

DATED:

Ravi Kaleyatodi, P.E., CPM
Senior Assistant Director
Department of Public Works and Engineering

RK:IW:VO

END OF DOCUMENT

SIMULTANEOUS CONSTRUCTION ACTIVITY MAY BE OCCURRING ADJACENTTO THIS PROJECT. COORDINATE MEETINGS WITH THE CITY ENGINEER AND THE OTHER CONTRACTOR(S) OF THE(SE) ADJACENT PROJECT(S) ARE NECESSARY FOR SETTING UP TRAFFIC CONTROL PRIOR TO COMPLETION OF EACH PHASE OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE ADJACENT CONTRACTOR(S) FOR SETTING UP TRAFFIC CONTROL.

MAINTAIN ACCESS TO DRIVEWAYS AND CROSS STREETS AT ALL TIMES.

THE CONTRACTOR SHALL SEQUENCE THE CONSTRUCTION IN SUCH A MANNER THAT NO ADJACENT CROSS STREETS AND MEDIAN OPENINGS ARE CLOSED AT THE SAME TIME.

ACTIVE ROLLING CLOSURE FOR CONSTRUCTION ACTIVITIES SHOULD NOT EXCEED 1000 FEET.

ALL TEMPORARY PAVEMENT SHOWN ON PLANS SHALL CONSIST OF THE FOLLOWING PAVEMENT DESIGN:
- 1.5" HMAC (SURFACE)
- 8" HMA BLACK BASE (BASE COURSE)

COORDINATE WITH DRY UTILITY COMPANIES (CENTERPOINT ELECTRIC, CENTERPOINT GAS, COMCAST CABLE, AT&T TEXAS/SWBT AND OTHER CARRIERS) TO ADJUST EXISTING POLES, GAS LINES, ELECTRIC CONDUITS, TELEPHONE DUCTS AND CONDUITS, OR FIBER CONDUITS PRIOR TO BEGINNING FULTON CONSTRUCTION.

PHASE 1 STEP 1

1. INSTALL ADVANCED WARNING SIGNS, TRAFFIC CONTROL DEVICES, AND STORMWATER POLLUTION DEVICES PRIOR TO COMMNECEMENT OF CONSTRUCTION.

2. INSTALL SANITARY SEWER AND WATER ON EAST SIDE AND WEST SIDE OF FULTON STREET.

3. PROVIDE SANITARY AND WATER CONNECTIONS UNDER THE EXISTING ROADWAY WHILE MAINTAINING TRAFFIC.

4. REFER TO THE STORM SEWER INTERCONNECT TCP FOR TRAFFIC MOVEMENTS AND SIGN SPACING FOR PARKER ROAD.

5. ADJUST SIGNAL PER THE TEMPORARY TRAFFIC SIGNAL SHEET AT AIRLINE AND PARKER. UTILIZE ONE LANE-TWO WAY FLAGGER OPERATION.

6. PROVIDE DETOUR FOR PARKER ROAD PER THE DETOUR PLANS AS NECESSARY TO INSTALL PROPOSED WATER LINES ON THE SIDE STREETS.

7. CLOSE NB OUTSIDE LANE ON AIRLINE DR, MERGE NB TRAFFIC INTO REMAINING LANE AHEAD OF INTERSECTION.

8. CLOSE EB LANES ON PARKER EAST OF INTERSECTION. MERGE EB THRU TRAFFIC INTO ONE LANE AS SHOWN ON PLANS. EXISTING OUTSIDE LANE TO BE CONVERTED INTO RIGHT TURN ONLY.

9. SHIFT WB TRAFFIC ON PARKER INTO ONE LANE AS SHOWN ON PLANS. MAINTAIN TRAFFIC HEADING WB ON THE TWO (2) OUTSIDE LANES ON PARKER AT ITS APPROACH TO THE INTERSECTION. SHIFT THE TRAFFIC FLOW EB ON PARKER INTO THE INSIDE LANE NEXT TO THE MEDIAN AS SHOWN ON PLANS.

10. BLOCK ENTRY TO FULTON AT PARKER AS SHOWN ON PLANS.

11. CONSTRUCT DUAL 12'x4' RCB FROM AIRLINE TO FULTON ON SOUTH SIDE OF PARKER RD. CONSTRUCT PROPOSED TIE-IN CONNECTION AT AIRLINE AND PARKER AND CAST-IN-PLACE JUNCTION BOX AT PARKER AND FULTON. INSTALL PROPOSED MANHOLE RISERS AS SHOWN ON PLANS. REMOVE AND REPLACE EXISTING MEDIAN AND CURB AS NECESSARY FOR CONSTRUCTION.

12. CONSTRUCT PROPOSED WATER LINE OFFSET ALONG PARKER ROAD AS SHOWN ON PLANS.

13. CONSTRUCT PROPOSED CONCRETE PAVEMENT WITH CURB, RAMPS AND SIDEWALKS ON THE SOUTH SIDE OF PARKER FROM AIRLINE TO FULTON.

14. RETURN PARKER AND AIRLINES INTERSECTION TO ORIGINAL CONDITION.

15. INSTALL PAVEMENT SIGNING AND STRIPING ALONG PARKER ROAD.

PHASE 1 STEP 2

1. INSTALL TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT STRIPING TO PROVIDE CLEARANCE FOR CONSTRUCTION OF TEMPORARY PAVEMENT ALONG WEST SIDE.

2. CONSTRUCT TEMPORARY PAVEMENT BETWEEN STA 1+50 TO STA 53+50. TO THE WIDTH AND DEPTH SPECIFIED ON THE PLANS. ALONG THE WEST EDGE OF THE EXISTING FULTON PAVEMENT.

3. CONSTRUCT TEMPORARY DRAINAGE (DRIVEWAY CULVERTS, DITCH, MANHOLES, STORM PIPE) BETWEEN STA 2+00 AND STA 53+50 AS NECESSARY. THIS WILL NOT BE PAID FOR DIRECTLY BUT SUBSIDIARY TO VARIOUS BID ITEMS 2

PHASE 2 STEP 1

1. ADJUST ADVANCED WARNING SIGNS, TRAFFIC CONTROL DEVICES AND STORMWATER POLLUTION CONTROL DEVICES PRIOR TO COMMENCEMENT OF THIS NEXT STAGE OF CONSTRUCTION.

2. REFER TO PHASE 2 STEP 1 TRAFFIC CONTROL PLANS FOR TYPICAL TRAFFIC MOVEMENT SECTIONS AND DEVICE SPACING.

3. MERGE FULTON NB TRAFFIC SOUTH OF TIDWELL INTERSECTION INTO ONE LANE BEFORE THE INTERSECTION.

4. KEEP THE FULTON NB TO TIDWELL WB LEFT TURN LANE AND THE DEDICATED RIGHT TURN LANE OPEN.

5. DETOUR NB FULTON TRAFFIC TO AIRLINE DRIVE AND CLARK STREET.

6. KEEP FULTON SB TRAFFIC TO EXISTING FULTON SB LANES.

7. CONSTRUCT PROPOSED 12-ft x 8-ft BOX CULVERT (TIE TO EXISTING JUNCTION BOX AT LUTHER), LATERALS, INLETS AND MANHOLES ALONG THE PROPOSED FULTON NB LANES AND MEDIAN. CONTRACTOR CAN CONSTRUCT NOT MORE THAN 1000 LF OF BOX CULVERT AT A TIME UNLESS DIRECTED BY THE ENGINEER OTHERWISE. INSTALL STUB OUTS AS NECESSARY FOR LATERAL CONNECTIONS.

9. CONSTRUCT PROPOSED FULTON NB CONCRETE PAVEMENT (LUTHER TO PARKER) AND OUT SIDE CURB LINES OF NB LANES, SIDEWALKS, ADA COMPLIANT RAMPS, PROPOSED DRIVEWAYS, STORM SEWER INLET AND LATERALS. CONSTRUCT INDICATED AREAS WITH HIGH EARLY STRENGTH PAVEMENT AS SHOWN IN THE PLANS.

10. CONSTRUCT INTERSECTIONS ON EAST SIDE: BURBANK STREET, DIPPING LANE, TURNER DRIVE, SOREN LANE AND WELLINGTON STREET
CONSTRUCT INDICATED AREAS WITH HIGH EARLY STRENGTH PAVEMENT AS INDICATED IN PLANS.

11. INSTALL TRAFFIC SIGNAL ON THE EAST SIDE FOR FIRE STATION.

NOTE: BURBANK TRAFFIC WILL BE DETOURED TO LUTHER DURING CONSTRUCTION OF THE BURBANK INTERSECTION. DIPPING TRAFFIC WILL BE DETOURED TO LUETTA DURING CONSTRUCTION OF THE DIPPING INTERSECTION. TURNER TRAFFIC WILL BE DETOURED TO ANNETTE. SOREN TRAFFIC WILL BE DETOURED TO KEEL AND WELLINGTON TRAFFIC WILL BE DETOURED TO E. SUNNYSIDE DURING THE CONTRUCTION OF THE SOREN AND WELLINGTON INTERSECTIONS.

PHASE 2 STEP 2

1. ADJUST ADVANCED WARNING SIGNS, TRAFFIC CONTROL DEVICES AND STORMWATER POLLUTION CONTROL DEVICES PRIOR TO COMMENCEMENT OF THIS NEXT STAGE OF CONSTRUCTION.

2. REFER TO PHASE 2 STEP 2 TRAFFIC CONTROL PLANS FOR TYPICAL TRAFFIC MOVEMENT SECTIONS AND DEVICE SPACING.

3. CONSTRUCT INTERSECTIONS ON EAST SIDE: LUETTA STREET, ANNETTE LANE, KEEL STREET AND E. SUNNYSIDE STREET.

NOTE: LUETTA TRAFFIC WILL BE DETOURED TO BURBANK DURING CONSTRUCTION OF THE LUETTA INTERSECTION. ANNETTE TRAFFIC WILL BE DETOURED TO DIPPING DURING CONSTRUCTION OF THE ANNETTE INTERSECTION. KEEL TRAFFIC WILL BE DETOURED TO TURNER. IN ADDITION, E. SUNNYSIDE TRAFFIC WILL BE DETOURED TO SOREN DURING THE CONSTRUCTION OF THE E. SUNNYSIDE INTERSECTION.

PHASE 3 STEP 1

1. ADJUST ADVANCED WARNING SIGNS, TRAFFIC CONTROL DEVICES AND STORMWATER POLLUTION CONTROL DEVICES PRIOR TO COMMENCEMENT OF THIS NEXT STAGE OF CONSTRUCTION.

2. REFER TO PHASE 3 STEP 1 TRAFFIC CONTROL PLANS FOR TYPICAL TRAFFIC MOVEMENT SECTIONS AND DEVICE SPACING.

3. SHIFT NB TRAFFIC TO NEWLY CONSTRUCTED FULTON NB CONCRETE PAVEMENT OUTSIDE LANE. ADD SB TRAFFIC TO NEWLY CONSTRUCTED FULTON NB CONCRETE PAVEMENT INSIDE LANE.

4. SHIFT FULTON SB TRAFFIC BACK ONTO EXISTING LANES AT LUTHER USING THE TEMPORARY CROSSOVER PAVEMENT BUILT IN PREVIOUS PHASE 1 STEP 2.

5. CONSTRUCT PROPOSED FULTON SB CONCRETE PAVEMENT (LUTHER TO PARKER), INSIDE AND OUT SIDE CURB OF SB LANES, SIDEWALKS, ADA COMPLIANT RAMPS, PROPOSED DRIVEWAYS, STORM SEWER INLET AND LATERALS.

6. CONSTRUCT INTERSECTIONS ON THE WEST SIDE AT BURBANK STREET, DIPPING LANE, HANKLA STREET, TURNER DRIVE, HARKNESS STREET, BANGS ROAD AND E. SUNNYSIDE STREET

7. INSTALL TRAFFIC SIGNAL ON THE WEST SIDE AT FIRE STATION.

NOTE: DIPPING AND HANKLA TRAFFIC WILL BE DETOURED TO LUETTA DURING CONSTRUCTION OF THE DIPPING AND HANKLA INTERSECTION. IN ADDITION, BANGS AND E. SUNNYSIDE TRAFFIC WILL BE DETOURED TO SALERNO DURING CONSTRUCTION OF BANGS AND E. SUNNYSIDE INTERSECTIONS.

PHASE 3 STEP 2

1. ADJUST ADVANCED WARNING SIGNS, TRAFFIC CONTROL DEVICES AND STORMWATER POLLUTION CONTROL DEVICES PRIOR TO COMMENCEMENT OF THIS NEXT STAGE OF CONSTRUCTION.

2. REFER TO PHASE 3 STEP 2 TRAFFIC CONTROL PLANS FOR TYPICAL TRAFFIC MOVEMENT SECTIONS AND DEVICE SPACING.

3. CONSTRUCT PROPOSED CONCRETE PAVEMENT FOR SB OUTSIDE LANE, OUTSIDE CURB LINE, SIDEWALK, ADA COMPLIANT RAMPS, PROPOSED DRIVEWAY, STORM INLET AND LATERALS.

4. CONSTRUCT INTERSECTIONS ON WEST SIDE AT LUETTA STREET, ANNETTE LANE AND SALERNO LANE.

NOTE: LUETTA AND ANNETTE TRAFFIC WILL BE DETOURED TO DIPPING DURING CONSTRUCTION OF THE LUETTA AND ANNETTE INTERSECTION. IN ADDITION, SALERNO TRAFFIC WILL BE DETOURED TO E. SUNNYSIDE DURING CONSTRUCTION OF SALERNO INTERSECTION.

PHASE 3 STEP 3

1. ADJUST ADVANCED WARNING SIGNS, TRAFFIC CONTROL DEVICES AND STORMWATER POLLUTION CONTROL DEVICES PRIOR TO COMMENCEMENT OF THIS NEXT STAGE OF CONSTRUCTION.

2. REFER TO PHASE 3 STEP 3 TRAFFIC CONTROL PLANS FOR TYPICAL TRAFFIC MOVEMENT SECTIONS AND DEVICE SPACING.

3. SHIFT SB TRAFFIC TO NEWLY CONSTRUCTED OUTER SB LANE AND KEEP THE NB TRAFFIC TO OUTER NB LANE.

4. CLOSE THE NB AND SB INNER LANE.

5. CONSTRUCT THE MEDIAN CURB.

6. CONSTRUCT MEDIAN LANDSCAPING AND PLANT TREES.

7. CONSTRUCT PROPOSED CONCRETE PAVEMENT FOR SB INSIDE LANE BETWEEN TIDWELL AND LUTHER.

PHASE 3 STEP 4

1. ADJUST ADVANCED WARNING SIGNS, TRAFFIC CONTROL DEVICES AND STORMWATER POLLUTION CONTROL DEVICES PRIOR TO COMMENCEMENT OF THIS NEXT STAGE OF CONSTRUCTION.

2. REFER TO PHASE 3 STEP 4 TRAFFIC CONTROL PLANS FOR TYPICAL TRAFFIC MOVEMENT SECTIONS AND DEVICE SPACING.

3. CONSTRUCT THE MEDIAN CURB BETWEEN STA 1+50 TO STA 3+05.

4. INSTALL PAVEMENT MARKING PER SIGNING AND MARKING PLAN.

5. CLEAN UP AND INSPECT FINAL CONSTRUCTION ITEMS AND PREPARE WALK THROUGH PUNCH LIST FOR ACCEPTANCE BY AUTHORITY AND CITY OF HOUSTON.

REV NO	DESCRIPTION	APP'D	DATE
2	UPDATED NOTE	SSH	4/1/15

HNTB
2850 NORTH LOOP WEST
SUITE 900
HOUSTON, TEXAS 77092
(713) 354-1500
TX FIRM No. 420

STATE OF TEXAS
STEVE S. HAO
94680
LICENSED
PROFESSIONAL ENGINEER
4/1/2015

SURVEYED BY:
LANDTECH CONSULTANTS
FB NO P-5600

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
FULTON PAVING AND DRAINAGE
FROM TIDWELL ROAD TO PARKER ROAD

OVERALL TRAFFIC CONTROL/ CONSTRUCTION SEQUENCE NARRATIVE

SHEET 1 OF 1

WBS NUMBER	
H-000542-0003-4	
DRAWING SCALE	
VERT: N/A HORZ: N/A	
CITY OF HOUSTON PM	
Ivy Wang, P.E.	
SHEET NO. 139 OF 225	

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Document 00410B

BID FORM – PART B

1.0 TOTAL BID PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):

A. STIPULATED PRICE: $ N/A

(Total Bid Price; minus Base Unit Prices, Extra Unit Prices, Cash Allowances and All Alternates, if any)

B. BASE UNIT PRICE TABLE:

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
GENERAL PROJECT ITEMS						
ALL.01	01502	Mobilization	LS	1	$800,000 [1]	
ALL.02	01554	Furnish and Install new street signs including poles, hardware and foundations at locations listed on plans or as directed by the engineer	EA	135		
ALL.03	01555	Traffic Control & Regulation	LS	1	$425,000 [2]	
ALL.04	01555	Flagmen	LS	1	$163,740 [2]	
ALL.05	01555	Install Low Profile Concrete Barrier (Type 1)	LF	5,025		
ALL.06	01555	Relocate Low Profile Concrete Barriers (Type 1)	LF	440		
ALL.07	01555	Remove Low Profile Concrete Barrier (Type 1)	LF	4,945		
ALL.08	01555	Install Low Profile Concrete Barrier (Type 2)	LF	160		
ALL.09	01555	Relocate Low Profile Concrete Barriers (Type 2)	LF	80		
ALL.10	01555	Remove Low Profile Concrete Barrier (Type 2)	LF	180		

Bidder's Initials [ ]

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
ALL.11	01555	Temporary Traffic Signal	LS	1		
ALL.12	01562	Tree and plant protection	LS	1		
ALL.13	01570	Inlet Protection (Gravel Bag)	LF	637		
ALL.14	01570	Inlet Protection (Silt Fence)	LF	1,632		
ALL.15	01570	Reinforced Filter Fabric Barrier	LF	731		
ALL.16	01570	Filter Fabric Fence	LF	14,285		
ALL.17	01575	Stabilized Construction Exit (includes removal)	SY	715		
ALL.18	01740	Site Restoration	LF	202		
ALL.19	01578	Groundwater Control for Open-Cut Construction	LF	200		
ALL.20	02221	Remove/Dispose storm pipe 18-inch dia- RCP	LF	16		
ALL.21	02221	Remove/Dispose storm pipe 24-inch dia- RCP	LF	148		
ALL.22	02221	Remove/Dispose storm pipe 30-inch dia- RCP	LF	26		
ALL.23	02221	Remove/Dispose storm pipe 36-inch dia- RCP	LF	157		
ALL.24	02221	Remove/Dispose stomr pipe 72-inch dia	LF	136		
ALL.25	02221	Remove and Dispose Storm Pipe 48-inch by 76-inch elliptical	LF	131		
ALL.26	02221	Remove/Dispose storm box 4-foot by 2-foot-RCB	LF	92		
ALL.27	02221	Remove/Dispose stomr PVC pipe 12-inch dia	LF	15		
ALL.28	02221	Remove and Dispose of Pipe Culvert, Sewers, And Sewer Leads	LF	4,126		
ALL.29	02221	Remove/Dispose Manholes all Sizes/depth	EA	6		
ALL.30	02221	Remove and Dispose of Existing Inlets	EA	18		

Bidder's Initials [ ]

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
ALL.31	02222	Plug and Abandon 24-inch storm sewer	LF	69		
ALL.32	02233	Clearing and grubbing	AC	9.15		
ALL.33	02260	Trench safety system for trench excavations (Storm Sewer)	LF	13,717		
ALL.34	02260	Trench safety system for trench excavations (sanitary sewer)	LF	7,920		
ALL.35	02915	Tree planting (4")	EA	112		
ALL.36						
ALL.37	02741	Detour road including 8-inch flexibale base, tack coat, 1 1/2 inch type D hot-mix asphaltic concrete surfacing and associated grading and ditches	SY	4,600		
ALL.38	02921	Hydromulch seeding	AC	0.97		
ALL.39	02922	Sodding	SY	14,078		
ALL.40						
ALL.41	TxDOT 550	Chain link Fence (10') at Fire Station	LF	105		
TOTAL GENERAL UNIT PRICES						$_____

STREET ITEMS

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
SB.01	02221	Remove/Dispose Aspalt Surface/with or without Overlay/ with or without Base	SY	22,536		
SB.02	02221	Remove/Dispose Reinforced Concrete with Asph Overlay/ with or without Base and Subgrade, All Depth	SY	2,330		

Bidder's Initials [ ]

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
SB.03	02221	Remove/Dispose Conc driveway 6-inch thick/More	SY	3,476		
SB.04	02221	Remove/ Dispose Conc Sidewalk and Ramp, all thickness	SY	262		
SB.05	02315	Roadway Excavation with or without subgrade	CY	29,630		
SB.06	02315	Reshaping & Regrading Existing Ditches	LF	2,165		
SB.07	02315	Embankment Fill	CY	1,100		
SB.08	02336	Lime for Lime stabilized Subgrade (DRY WEIGHT) (6%)	TON	827		
SB.09	02336	Lime stabilized Subgrade 8-inch thick	SY	45,931		
SB.10	02581	Conduit 2-inch Sch 40 PVC (Street Lighting, including pull boxes and appurtenances)	LF	6,454		
SB.11	02711	HotMix Asphalt Base Course (TypeA/B) / All Thickness	TON	3,028		
SB.12	02714	Flexible Base Course/temp driveways Residential up to 12 feet wide	EA	25		
SB.13	02714	Flexible Base Course/temp driveways Commercial up to 24 feet wide	EA	19		
SB.14	02741	Hot Mix Asphalt concrete Pavement 1.5-inch thick	TON	462		
SB.15	02751	Reinforced concrete pavement 9-inch thick	SY	33,452		
SB.16	02752S	Saw Cutting	LF	486		
SB.17	02752	High Early Strength Reinforced Con Pav, All thickness	SY	1,205		
SB.18	02752	Street Pavement Expansion Joints with or w/o Load Transfer Devices	LF	3,411		
SB.19	02752	Preformed Expansion Joints with or w/o Load Transfer Devices.	LF	1,897		
SB.20	02752	Horizontal Dowel, 24-Inch	EA	287		

Bidder's Initials [ ]

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
SB.21	02754	Concrete Driveways including Excavation 6-inch thick	SF	17,137		
SB.22	02754	Concrete Driveways including Excavation 7-inch thick	SF	17,136		
SB.23	02762	Blast cleaning pavement markers 4-inch wide lines	LF	4,716		
SB.24	02762	Blast cleaning pavement markers 8-inch wide lines	LF	329		
SB.25	02762	Blast cleaning pavement markers 12-inch wide lines	LF	2,339		
SB.26	02762	Blast cleaning pavement markers 24-inch wide lines	LF	356		
SB.27	02762	Blast cleaning pavement markers TURNING ARROW	SF	48		
SB.28	02762	Blast cleaning pavement markers ONLY	SF	52		
SB.29	02764	Raised Pav Marker Ty I with Two face Reflective (W/Y)	EA	4		
SB.30	02764	Raised Pav Marker Ty II Two face Reflective (W/Y)	EA	294		
SB.31	02765	Temporary Pavement Markers Class III 4-inch wide White (SLD)	LF	16,127		
SB.32	02765	Temporary Pavement Markers Class III 24-inch wide White (SLD)	LF	280		
SB.33	02765	Temporary Pavement Markers Class III 4-inch wide Yellow (SLD)	LF	8,367		
SB.34	02765	Temporary Pavement Markers Class III 4-inch wide White (BRK)	LF	1,422		
SB.35	02767	Thermoplastic Pavement Marking 4-inch wide White/Yellow (SLD/BRK)	LF	4,986		
SB.36	02767	Thermoplastic Pavement Marking 8-inch wide White/Yellow (SLD/BRK)	LF	509		
SB.37	02767	Thermoplastic Pavement Marking 12-inch wide White/Yellow (SLD/BRK)	LF	118		
SB.38	02767	Thermoplastic Pavement Marking 24-inch wide White/Yellow (SLD/BRK)	LF	118		

Bidder's Initials [ ]

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
SB.39	02767	Thermoplastic Pavement Marking symbol TURNING ARROW	EA	3		
SB.40	02767	Thermoplastic Pavement Marking Elongated Word ONLY	EA	3		
SB.41	02767	Reflectorized paint on 6-inch curb, white or yellow	LF	1,221		
SB.42	02771	6-inch Concrete Curb (Monolithic)	LF	21,414		
SB.43	02771	6-inch Doweled Curb	LF	727		
SB.44	02771	Concrete Paving Header	LF	696		
SB.45	02772	6-inch Concrete Median or Directional Island	SY	632		
SB.46	02775	Sidewalk 4-1/2-inch thick	SF	39,780		
SB.47	02775	Curb Ramp	SF	3,633		
SB.48	TXDOT 423	RETAINING WALL INCL FOOTING	SF	400		
TOTAL STREET ITEM UNIT PRICES						$_____

STORM WATER ITEMS

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
SW.01	02081/02082/02087	Type C manhole for 48-inch to 72-inch diameter sewers	EA	34		
SW.02	02081/02082/02087	Manhole for concrete box sewers (with locking mechanism for cover)	EA	43		
SW.03	02631	24-inch diameter storm sewer by open cut	LF	2,638		
SW.04	02631	24-inch diameter storm sewer for driveways	LF	515		
SW.05	02631	30-inch diameter storm sewer by open cut	LF	226		

SW.06	02631	36-inch diameter storm sewer by open cut	LF	731		
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
SW.07	02631	48-inch diameter storm sewer by open cut	LF	20		
SW.08	02631	Connect proposed 12' x 4' Box Storm Sewer to existing 96-inch MRC storm sewer (Sta 8+22; Airline and Parker Intersection)	EA	2		
SW.09	02631	Connect existing 48-inch by 76-inch elliptical storm sewer to proposed junction box	EA	1		
SW.10	02082	12-foot by 8-foot box storm sewer by open cut	LF	9,902		
SW.11	02082	12-foot by 4-foot box storm sewer by open cut	LF	300		
SW.12	02632/02633	Type E inlet	EA	36		
SW.13	02632	Type C-1 inlet	EA	39		
SW.14	02632	Junction Box (3'X3'), Pre-cast, (8+56 AND 27+-09)	EA	2		
SW.15	02632, 02633	Cast-In-Place Junction Box with manhole riser for dual 12' x 4' Storm Swr Box and 12' x 8' Storm Swr Box (Sta 9+77; Parker and Fulton Intersection)	EA	1		
SW.16	TxDOT 467	Safety End Treatment (TY I) (S=4 FT)(HW=3 FT)(3:1)(P)	EA	58		
TOTAL STORM WATER UNIT PRICES						$_____

WATER MAIN ITEMS

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
WA.01	02086	Adjust existing valve box to new grade	EA	2		
WA.02	02221	Remove/Dispose 12-inch diameter water line.	LF	40		

Bidder's Initials [ ]

WA.03	02511	4-inch diameter water line by trenchless construction	LF	10		
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
WA.04	02511	6-inch diameter water line by trenchless construction	LF	162		
WA.05	02511	6-inch diameter water line by trenchless construction, restrained joints	LF	29		
WA.06	02511	6-inch diameter water line by trenchless construction, DIP, restrained joints	LF	415		
WA.07	02511	8-inch diameter water line by trenchless construction	LF	312		
WA.08	02511	8-inch diameter water line by trenchless construction, restrained joints	LF	8		
WA.09	02511	8-inch diameter water line by trenchless construction, DIP, restrained joints	LF	962		
WA.10	02511	12-inch diameter water line by trenchless construction	LF	4,071		
WA.11	02511	12-inch diameter water line by trenchless construction, restrained joints	LF	125		
WA.12	02511	12-inch diameter water line by trenchless construction, DIP, restrained joints	LF	856		
WA.13	02512	Relocate water meter with Box to back of curb and/or sidewalk	EA	38		
WA.14	02512	3/4-inch to 1-inch diameter copper service line with meter box, short side	EA	27		
WA.15	02512	3/4-inch to 1-inch diameter copper service line with meter box, long side	EA	23		
WA.16	02512	1-1/2-inch to 2-inch diameter copper service line with meter box, long side	EA	1		
WA.17	02513	4-inch diameter wet connection	EA	1		
WA.18	02513	6-inch diameter wet connection	EA	5		
WA.19	02513	8-inch diameter wet connection	EA	11		
WA.20	02513	12-inch diameter wet connection	EA	10		

Bidder's Initials [ ]

WA.21	02516	Cut, plug, and abandon exist 4-inch diameter water main	EA	1		
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
WA.22	02516	Cut, plug, and abandon existing 6-inch diameter water main	EA	5		
WA.23	02516	Cut, plug, and abandon existing 8-inch diameter water main	EA	11		
WA.24	02516	Cut, plug, and abandon existing 12-inch diameter water main	EA	11		
WA.25	02520	Fire hydrant assembly, all depths, including 6-inch diameter gate valve and box	EA	16		
WA.26	02520	6-inch diameter fire hydrant branch by open-cut	LF	141		
WA.27	02520	Remove and salvage existing fire hydrant	EA	15		
WA.28	02525	8-inch diameter by 6-inch diameter tapping sleeves and valves	EA	1		
WA.29	02525	12-inch diameter by 12-inch diameter tapping sleeves and valves	EA	2		
TOTAL WATER MAIN UNIT PRICES						$_____

WASTEWATER ITEMS

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
WW.01	02082	4-foot diameter precast concrete manholes	EA	33		
WW.02	02082	Extra depth, 4-foot diameter precast concrete manhole	VF	173		
WW.03	02082	Manhole drops; 6-inch diameter, all depths	EA	6		
WW.04	02082	Manhole drops; 8-inch diameter, all depths	EA	11		
WW.05	02082	Manhole drops; 12-inch diameter, all depths	EA	1		
WW.06	02086	Adjust existing manhole frame and cover to new grade	EA	5		

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WW.07	02221	Remove and Dispose 6-inch Diameter Sanitary Sewer	LF	263		
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
WW.08	02221	Remove and Dispose 8-inch Diameter Sanitary Sewer	LF	3,044		
WW.09	02221	Remove and Dispose of Existing Manholes	EA	14		
WW.10	02531	6-inch diameter sanitary sewer by open-cut	LF	39		
WW.11	02531	6-inch diameter pressure rated sanitary sewer by open-cut with restrained joints	LF	20		
WW.12	02531	8-inch diameter sanitary sewer by open-cut	LF	5,517		
WW.13	02531	8-inch diameter pressure rated sanitary sewer by open-cut with restrained joints	LF	180		
WW.14	02531	10-inch diameter sanitary sewer by open-cut	LF	1,306		
WW.15	02531	10-inch diameter pressure rated sanitary sewer by open-cut with restrained joints	LF	80		
WW.16	02531	12-inch diameter sanitary sewer by open-cut	LF	632		
WW.17	02531	12-inch diameter pressure rated sanitary sewer by open-cut with restrained joints	LF	20		
WW.18	02531	Remove and replace existing 6-inch diameter sanitary sewer with 8-inch diameter sanitary sewer, by open-cut	LF	151		
WW.19	02531	Remove and replace existing 8-inch diameter san sewer with 8-inch diameter san sewer, by open-cut	LF	198		
WW.20	02534	Service stubs or reconnections including construction of stack on sanitary sewer	EA	27		
WW.21	02534	Install Cleanout	EA	27		
WW.22	02534	6-inch diameter sanitary sewer service lines	LF	150		
TOTAL WASTE WATER UNIT PRICES						$_____

TRAFFIC SIGNAL ITEMS						
Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
TS.01	02582	20-ft mast arm pole assembly with foundation	EA	3		
TS.02	02893-14	Electrical service pedestal assembly - ("square d" breakers included)	EA	1		
TS.03	16710	Type "b" pull box with apron, gravel and ground rod	EA	3		
TS.04	16711	Conduit, 2-in Sch 80 PVC trench	LF	116		
TS.05	16711	Conduit, 2-in Sch 80 PVC bore	LF	70		
TS.06	16711	Conduit, 2-in RMC	LF	27		
TS.07	16711	Conduit, 3-inch sch 80 PVC trench	LF	95		
TS.08	16711	Conduit, 3-inch sch 80 PVC bore	LF	76		
TS.09	16715	3-section vehicle signal head assembly (RYY) (horizontal) (H3)	EA	4		
TS.10	16715	3-section vehicle signal head assembly (RYG) (Horizontal) (H3)	EA	2		
TS.11	16720	Traffic signal cables, 7/C-#14 AWG solid cable	LF	700		
TS.12	16720	#4 THHN service wire	LF	113		
TS.13	16724	Emergency vehicle preemption system	EA	1		
TS.14	16730	ITS controller cabinet assembly (Model 346) (Type 2070L)	EA	1		
TS.15	02893-10C	Controller cabinet foundation with apron	EA	1		
TS.16	16732	Uninterruptible power supply	EA	1		
TOTAL TRAFFIC SIGNAL UNIT PRICES						$_____
TOTAL BASE UNIT PRICES						$_____

Bidder's Initials [ ]

C. EXTRA UNIT PRICE TABLE:

Item No.	Spec Ref.	Extra Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
EX.01	02221	Removing miscellaneous concrete and masonry "See footnote (2)"	CY	100	$5.00 [2]	
EX.02	02317	6" Overexcavation trench bottom "See footnote (2)"	LF	100	$2.00 [2]	
EX.03	02318	Excavation around obstruction "See footnote (2)"	CY	100	$20.00 [2]	
EX.04	02318	Extra hand excavation, "See footnote (2)"	CY	100	$20.00 [2]	
EX.05	02318	Extra machine excavation "See footnote (2)"	CY	100	$20.00 [2]	
EX.06	02318	Extra replacement of backfill material "See footnote (2)"	CY	100	$20.00 [2]	
EX.07	02752	Extra Saw-cut, concrete pavement "See footnote (2)"	LF	100	$6.00 [2]	
EX.08	02775	Extra sidewalk "See footnote (2)"	SF	100	$10.00 [2]	
EX.09	02922	Extra Sodding "See footnote (2)"	SY	150	$4.00 [2]	
EX.10	02752	Horizontal Dowels installed "See footnote (2)"	EA	25	$8.00 [2]	
EX.11	02752	Preformed Expansion Joints with or without Load Transfer Device "See footnote (2)"	LF	200	$2.00 [2]	
EX.12	03315	Extra Class "A" concrete with or without forms (Complete-in-place) "See footnote (2)"	CY	100	$250.00 [2]	
EX.13	01578	Groundwater Control for Open-Cut Construction "See footnote (2)"	LF	21437	$2.00 [2]	
EX.14	02221	Remove/Dispose Monitoring Well "See footnote (2)"	EA	1	$5,000.00 [2]	
EX.15	02105/02120	Extra PPCA Handling "See footnote(2)"	LS	1	$10,000.00 [2]	
TOTAL EXTRA UNIT PRICES						$_____

Bidder's Initials [ ]

CASH ALLOWANCE TABLE:

Item No.	Spec Ref.	Cash Allowance Short Title	Cash Allowance in figures (1)
[1]		Allowance for Electrical Pull Boxes/Existing Street Light Removal/Relocation/Installation of New Street Lights.	$15,000
[2]		Gas Meter Relocation (Total 3)	$10,000
[3]		Relocate Electrical Riser (Estimated Total 13)	$30,000
[4]		Street Cut Permits	$15,000
TOTAL CASH ALLOWANCES			$70,000

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Bidder's Initials [ ]

E. ALTERNATES TABLE:

Item No.	Spec Ref.	Alternate Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total Price for Alternate in figures
[1]		N/A				
TOTAL ALTERNATES						$_____

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Bidder's Initials [ ]

F. TOTAL BID PRICE: $_____
(Add Totals for Items A., B., C., D., and E. above)

2.0 SIGNATURES: By signing this Document, I agree that I have received and reviewed all Addenda and considered all costs associated with the Addenda in calculating the Total Bid Price.

Bidder: _____
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.*)

**By: _____
Signature Date

Name: _____
(Print or type name) Title

Address: _____
(Mailing)

_____
(Street, if different)

Telephone and Fax Number: _____
(Print or type numbers)

* If Bid is a joint venture, add additional Bid Form signature sheets for each member of the joint venture.

** Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

Note: This document constitutes a government record, as defined by § 37.01 of the Texas Penal Code. Submission of a false government record is punishable as provided in § 37.10 of the Texas Penal Code.

Footnotes for Tables B through E:
(1) Fixed Unit Price determined prior to Bid. Cannot be adjusted by the Bidder.
(2) Minimum Bid Price determined prior to Bid. Can be increased by the Bidder by crossing out the Minimum and noting revised price on the line above.
(3) Maximum Bid Price determined prior to Bid. Can be decreased but not increased by Bidder by crossing out the Maximum and noting revised price on the line above. A Bid that increases the Maximum Bid Price may be found non-conforming and non-responsive.
(4) Fixed Range Bid Price determined prior to Bid. Unit Price can be adjusted by Bidder to any amount within the range defined by crossing out prices noted and noting revised price on the line above.