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 DBR Engineering Consultants,
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 STRUCTURAL
 Hinojosa Engineering, Inc.
 CIVIL
 Dos Logistics, Inc.



**SHERIFFS
 SUBSTATION
 HIDALGO COUNTY
 WESLACO, TEXAS**

KEYPLAN

Project Number: 07.10
 Drawing Date: 09/16/2011
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Sheet Title:
**ESTIMATED
 QUANTITIES**

Sheet No.:

C1.1



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CALL BEFORE YOU DIG!

DIG TEST PARTICIPANTS REQUEST
 48 HOURS NOTICE BEFORE YOU DIG.
 CALL OR BEST - 800-4-A-DIG
 Texas Excavation Safety System
 1-800-344-8377

TEXAS ONE CALL SYSTEM
 AT 1-800-245-4545

THE LONE STAR
 NOTIFICATION SYSTEM
 AT 1-800-669-8344

EXISTING LEGEND

PH	FIRE HYDRANT
WM	WATER METER
WV	WATER VALVE
PP	POWER POLE
3"	3" ISP
BM	BENCHMARK
IR	IRON ROD
PK	PK NAIL
CH	CHAINLINK FENCE
OL	OVERHEAD LINE
W	WATERLINE
CON	CONTOUR
DR	DIRT ROAD
ASP	ASPHALT PAVEMENT

PROPOSED LEGEND

---	LIGHT DUTY ASPHALT PAVEMENT	
---	CONCRETE PAVEMENT	
---	SOAK	
---	HANDICAP PARKING SPACE	
---	WHEEL STOP	
---	BOLLARD	
---	FIRE HYDRANT	
---	WATER METER	
---	WATER VALVE	
---	TEL	
---	45° BEND	
---	90° BEND	
---	SANITARY SEWER LINE	
---	WATER LINE	
---	STORM SEWER LINE	
---	3" PVC CONDUIT W/ENDS CAPPED	
---	C	BARBED WIRE FENCE
---	X	SEDIMENT CONTROL FENCE
---	EXPANSION JOINT	
---	CONTROL JOINT	
---	DRAINAGE SWALE	
---	FLOW DIRECTION	
---	TOP OF CONCRETE PAVEMENT	
---	TOP OF CURB ELEVATION	
---	TOP OF GUTTER ELEVATION	
---	TOP OF SIDEWALK ELEVATION	
---	DITCH FLOWLINE	
---	TOP OF CONCRETE PAD	
---	NATURAL GRADE	
---	STANDARD 8" CURB & GUTTER	
---	REVERSE 8" CURB & GUTTER	

ALTERNATE NO. 3 BUILDING SITE BID - SIDEWALK

F1	4" CONCRETE SIDEWALK	SF	104
F2	2" SAND CUSHION	SF	104
F3	STEEL BOLLARD (TYPE I)	EA	3

ESTIMATED QUANTITIES SUMMARY - TOTALS

ITEM	DESCRIPTION	UNIT	QUANTITY
SHERIFFS SUBSTATION - HIDALGO COUNTY WESLACO, TEXAS			
BASE BID - PARKING LOT IMPROVEMENTS:			
A1	SITE SELECT BAKELITE MATERIAL	SY	36475
A2	7" THICK CONCRETE PAVEMENT	SY	2913
A3	10" TREATED CALICHE BASE	SY	2620
A4	1/2" LIME STABILIZED SUBGRADE	SY	2620
A5	CONCRETE DRAINWAY	SF	877
A6	PRIME COAT (0.15 GAL/SY)	GAL	545
A7	1/2" HMC (TYPE D) ASPHALT PAVEMENT (LIGHT DUTY) (BY HIDALGO COUNTY)	SY	3833
A8	8" TREATED CALICHE BASE	SY	3803
A9	1/2" LIME STABILIZED SUBGRADE	SY	3803
A10	6" CURB & GUTTER	LF	2657
A11	4" CONCRETE SIDEWALK	SF	3557
A12	2" SAND CUSHION	SF	3557
A13	SIDEWALK DRAIN GRATE	EA	1
A14	REFLECTIVE PAVEMENT MARKING TYPE I (W)(47)(SLD)	LF	1656
A15	REFLECTIVE PAVEMENT MARKING TYPE I (W)(47)(GORE)	LF	613
A16	HANDICAPPED ACCESSIBLE SIGN (R7-8T)	EA	6
A17	HANDICAPPED VAN-ACCESSIBLE SIGN (R7-8A)	EA	6
A18	ACCESSIBLE SYMBOL MARKING	EA	6
A19	CURB RAMP (TYPE I)	EA	1
A20	CURB RAMP (TYPE II)	EA	1
A21	CURB RAMP (TYPE III)	EA	3
A22	CURB RAMP (TYPE IV)	EA	1
A23	STOP SIGN	EA	1
A24	WHEEL STOP	EA	1
A25	STEEL BOLLARD (TYPE I)	EA	27
A26	STEEL BOLLARD (TYPE II)	EA	13
A27	STEEL BOLLARD (DECORATIVE)	EA	4
A28	ASPHALT PAVEMENT REPAIR (S&W-CUT)	SF	260
A29	STORM WATER POLLUTION PREVENTION	LS	15
A30	REGRADE AREA FOR DRAINAGE	LS	1
A31	TRAFFIC CONTROL	LS	1
A32	ASST COMPLETE SYSTEM	LS	1
BASE BID - WATER DISTRIBUTION IMPROVEMENTS:			
B1	EXCAVATION FOR RETENTION POND (BY HIDALGO COUNTY)	CY	12487
B2	4" PVC (SPOUR NON-BLUE) STORM PIPE	LF	143
B3	24" RCP (CLASS III) (BY HIDALGO COUNTY)	LF	1502
B4	GRATE INLETS (BY HIDALGO COUNTY)	EA	7
B5	CONCRETE RIPRAP (BY HIDALGO COUNTY)	SF	260
B6	CONCRETE PILOT CHANNEL (BY HIDALGO COUNTY)	SF	362.1
B7	TRENCH SAFETY (BY HIDALGO COUNTY)	LF	1506
B8	HYDRO-MULCH SEEDING	SF	74220
BASE BID - WATER DISTRIBUTION IMPROVEMENTS:			
C1	2" PVC WATERLINE (SPOUR)	LF	323
C2	2" PVC SLEEVE SCHEDULE 40 W/CAPS	LF	28
C3	4" PVC SLEEVE SCHEDULE 40 W/CAPS	LF	105
C4	6" CPVC WATERLINE (DRIE)	LF	506
C5	2" x 6" TAPPING SADDLE W/WATER METER	EA	1
C6	6" TEE W/VALVE ASSEMBLY	EA	1
C7	8" x 6" TAPPING SADDLE TEE W/ST. WATER WALK & BOX COVER	EA	1
C8	2" x 2" 90° BEND	EA	2
C9	2" x 90° BEND	EA	2
C10	6" 90° BEND	EA	1
C11	6" BACKFLOW PREVENTER ASSEMBLY	EA	1
C12	FIRE HYDRANT ASSEMBLY	EA	1
C13	1.4" STEEL CASING (BORE)	LF	30
C14	TAPPING SERVICE	LS	1
C15	TRAFFIC CONTROL	LS	1
C16	CEMENT STABILIZED	CY	16
C17	6" PVC CASING FOR 2 1/2" WATERLINE	LF	18
C18	12" PVC CASING FOR 6" WATERLINE	LF	18
BASE BID - WASTEWATER IMPROVEMENTS:			
D1	6" PVC (SPOUR NON-BLUE) WASTEWATER LINE (0'-4") DEPTH	LF	367
D2	90° LONG RADIUS BEND	EA	2
D3	PVC COMBINATION WYE & 1/8" BEND	EA	1
D4	CLEANOUT W/BOX & COVER	EA	1
D5	TRENCH SAFETY	LF	360
D6	GRAVEL BEDDING	CY	28

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T.B.P.E. FIRM REGISTRATION #F-9225



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 SUBSTATION
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**EXISTING
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Sheet No.:
C1.2

