Quantity Estimate – Bid Group 1

Columns S1–S8, T1–T4, TS1–TS3:

ITEM#	DESCRIPTION	UNIT	S1 QUANTITY	S2 QUANTITY	S3 QUANTITY	S4 QUANTITY	S5 QUANTITY	S6 QUANTITY	S7 QUANTITY	S8 QUANTITY	T1 QUANTITY	T2 QUANTITY	T3 QUANTITY	T4 QUANTITY	TS1 QUANTITY	TS2 QUANTITY	TS3 QUANTITY
202.01	REMOVE CROSS GUTTER	SF		1381													
202.02	REMOVE CONCRETE SIDEWALK	SF		1030	495												
202.03	REMOVE CONCRETE CURB & GUTTER	LF	1130	206	108												
202.04	REMOVE ASPHALT PAVING	SY	1765	7639	6884	4314											
202.05	SAWCUT ASPHALT PAVEMENT (FULL DEPTH)	LF	727	109	377	392											
202.06	ROTOMILLING	SY	2210														
203.01	ROADWAY EXCAVATION	CY	3545	8042	7420	6438		3414	4306	4584							
203.02	ROADWAY OVER EXCAVATION	CY	1684	2580		4394		1950	2371	2599							
302.01	TYPE II AGGREGATE BASE	CY	2947	4932	5889	5302		2769	3421	2438							
402.01	1 1/2-INCH PLANTMIX BITUMINOUS SURFACE OVERLAY	SY	2210														
402.02	2-INCH PLANTMIX BITUMINOUS SURFACE	SY															
402.03	4-INCH PLANTMIX BITUMINOUS SURFACE	SY				39		5850	7226	7264							
402.04	5-INCH PLANTMIX BITUMINOUS SURFACE	SY	5295	7792	8783	9045											
403.01	3/4-INCH BITUMINOUS OPEN GRADE	SY	7505	7792	8783	9045		5850	7226	7264							
502.01	6'X4' REINFORCED CONCRETE BOX CULVERT	LF															
502.02																	
502.03	6'X4' RCB 45° BEND	EA															
502.04																	
603.01																	
605.01	48-INCH HDPE	LF															
605.02	36-INCH HDPE	LF															
605.03	27-INCH HDPE	LF															
605.04	24-INCH HDPE	LF															
605.05	18-INCH HDPE	LF															
605.06	24-INCH C905 PVC PIPE	LF															
609.01	TYPE "C" MODIFIED DROP INLET (L=12')-"CM1"	EA															
609.02	PRECAST DROP INLET (L=6')-"PC2"	EA															
609.03	PRECAST DROP INLET (L=9')-"PC3"	EA															
609.04	MODIFIED "PC2"	EA															
609.05	MODIFIED "PC3"	EA															
609.06	14' x 3' DROP INLET	EA															
609.07	TYPE II STORM DRAIN MANHOLE (60")	EA															
609.08	BEEHIVE DROP INLET	EA															
613.01	TYPE "L" CURB AND GUTTER	LF		206	1660	~~4613~~ 1675		1242	1596	1666							
613.02	TYPE "A" ISLAND CURB	LF			174	1677		1481	1650	1528							
613.03	CONCRETE RESIDENTIAL DRIVEWAY	SF			859	2115											
613.04	CONCRETE CROSS GUTTER	SF			2494	~~2101~~ 1514		3132	2758	2758							
613.05	CONCRETE SIDEWALK	SF		1030	9080	~~2194~~ 2469											
613.06	CONCRETE SIDEWALK RAMPS	SF		315	735	389											
613.07	TACK-ON CURB	LF	1130														
622.01	CONSTRUCTION SURVEYING	LS	1														
623.01	TRAFFIC SIGNAL SYSTEM AT TENAYA AND AZURE	LS										1					
623.02	TRAFFIC SIGNAL SYSTEM AT TENAYA AND SKY POINTE	LS									1						
623.03	200 AMP 120/240V SERVICE PEDESTAL	EA															
623.04	SIGNAL UNDERGROUND ASSEMBLY (AZURE DRIVE)	LS												1			
623.05	STREETLIGHT ASSEMBLY WITH 250W HPS LUMINAIRE AND FOUNDATION	EA															
623.06	TOWNCENTER DOUBLE MAST ARM OVERHEAD STREETLIGHT W/ 250 HPS LUMINAIRE AND FOUNDATION	EA															
623.07	NO. 3-1/2 PULLBOXES (USD 326)	EA															
623.08	NO. 7 PULLBOXES @ 500' SPACING (USD 326)	EA															
623.09	3" INTERCONNECT CONDUIT, SCH 40 PVC W/ 24-PAIR #22 AWG INTERCONNECT WIRE	LF															
623.10	2" ST.LT. CONDUIT, SCH 40 PVC W/ 2#4, 1#8 THW	LF															
623.11	PEDESTRIAN FLASHER	LS											1				
623.12	TYPE XX-A SIGNAL & LUMINAIRE POLE WITH 250 W LUMINAIRE	EA															
624.01	TRAFFIC CONTROL AND MAINTENANCE	LS	1														
625.01	PORTABLE CHANGEABLE MESSAGE SIGNS	DAY	235														
625.02	ARROW DISPLAYS	DAY	235														
627.01	PERMANENT SIGN (GROUND MOUNTED) (METAL SUPPORTS)	EA													9	23	24
627.02	REMOVE AND SALVAGE EXISTING SIGNS	EA													4	1	
627.03	REPLACE POLE MOUNTED SIGN	EA													1		
627.04	RELOCATE TRAFFIC SIGN	EA													13	4	
628.01	TYPE I FILM (ARROW)	EA													16	14	30
628.02	TYPE I FILM (ONLY)	EA													5	6	13
628.03	TYPE I FILM FOR CROSSWALKS AND STOPBARS	SF													724	1186	
628.04	PAINTED STRIPING (4" WIDE)	LF															310
628.05	PAINTED STRIPING (6" WIDE)	LF														760	4149
628.06	BIKE LAND MARKINGS	EA														4	28
628.07	MEDIAN ISLAND PAINTING	LF	1		1	3		2	4	3							528
629.01	8" WATER LINE	LF															
629.02	10" WATER LINE	LF															
629.03	12" WATER LINE	LF															
629.04	FIRE HYDRANT ASSEMBLY	EA															
629.05	VERTICAL ADJUSTMENT WATER VALVE	EA	5	6		3											
629.06	RELOCATE VALVE BOX	EA	8	4	1												
629.07	RELOCATE WATER MAIN	LS															
629.08	UTILITY CONFLICTS	LS															
629.09	IRRIGATION WIRE AND PIPE SLEEVES	LS															
629.10	8" WATER LATERAL	EA															
630.01	6-INCH SANITARY SEWER C900 PVC PIPE	LF															
630.02	8-INCH SANITARY SEWER SDR 35	LF															
630.03	6-INCH SANITARY SEWER PVC PIPE	LF															
630.04	10-INCH SANITARY SEWER SDR 35	LF															
630.05	SPECIAL 48-INCH MANHOLE	EA															
630.06	ECCENTRIC 48-INCH SANITARY SEWER MANHOLE	EA															
630.07	ECCENTRIC 60-INCH SANITARY SEWER MANHOLE	EA															
630.08	ADJUST MANHOLE	EA															
630.09	6" SANITARY SEWER LATERAL	EA															
633.01	NON-REFLECTIVE PAVEMENT MARKERS	EA													1113	438	1303
633.02	REFLECTIVE PAVEMENT MARKERS	EA													427	212	598
637.01	DUST CONTROL	LS	1														
640.01	RELOCATE WALL	LF			401	510											
613.08	COMMERCIAL DRIVEWAY	SF				273											
629.11	60" M.L.C.P. WATER LINE	LF															

Columns STL1–STL3, SS1–SS7, W1–W7:

ITEM#	STL1 QUANTITY	STL2 QUANTITY	STL3 QUANTITY	SS1 QUANTITY	SS2 QUANTITY	SS3 QUANTITY	SS4 QUANTITY	SS5 QUANTITY	SS6 QUANTITY	SS7 QUANTITY	W1 QUANTITY	W2 QUANTITY	W3 QUANTITY	W4 QUANTITY	W5 QUANTITY	W6 QUANTITY	W7 QUANTITY
402.03										34							
623.03		2	2														
623.05		16															
623.06		4	21														
623.07		17	4														
623.08	5	11	11														
623.09	1160	2128	2780														
623.10		3728	2812														
623.12			2														
629.01											288	80	181	300	420		
629.02											293					1201	207
629.03											630	843	655	992	1042		
629.04													1	1	1		
629.09											85	195	376	680	704		
629.10											1					4	
630.01					47	163	300	456									
630.02				752	1116	381	1003	713	5								
630.04								374	649	624							
630.05				1													
630.06				4	3	1	4	2	2	1							
630.07										1							
630.08				1													
630.09				4	1												
629.11												389	51				

Columns SD1–SD7 and TOTAL:

ITEM#	SD1 QUANTITY	SD2 QUANTITY	SD3 QUANTITY	SD4 QUANTITY	SD5 QUANTITY	SD6 QUANTITY	SD7 QUANTITY	TOTAL QUANTITY
202.01								1381
202.02								1525
202.03								1444
202.04								20602
202.05								1605
202.06								2210
203.01								35749
203.02								15578
302.01								27698
402.01								2210
402.02								--
402.03								~~20374~~ 20413
402.04								30915
403.01								53465
502.01	810	1000	1058	264				3132
502.02								--
502.03			2					2
502.04								--
603.01								--
605.01						38		38
605.02	55		85	75		836		1051
605.03				46				46
605.04		261	282	151	320	136		1150
605.05	55			38	139	37		269
605.06					356	124		480
609.01			2					2
609.02	1	6	6	5	3	5		26
609.03						1		1
609.04			1					1
609.05				1				1
609.06	1							1
609.07	2	5	7	3	4	5		26
609.08								--
613.01								~~8403~~ 8465
613.02								6510
613.03								2974
613.04								~~[illegible]~~ 12656
613.05								~~[illegible]~~ 12579
613.06								1439
613.07								1130
622.01								1
623.01								1
623.02								1
623.03								4
623.04								1
623.05								16
623.06								25
623.07								21
623.08								27
623.09								6068
623.10								6540
623.11								1
623.12								2
624.01								1
625.01								235
625.02								235
627.01								56
627.02								5
627.03								1
627.04								17
628.01								60
628.02								24
628.03								1910
628.04								310
628.05								4909
628.06								32
628.07								541
629.01								1249
629.02								1701
629.03								4162
629.04								3
629.05								14
629.06								13
629.07							2	2
629.08							10	10
629.09								2040
629.10								5
630.01								966
630.02								3970
630.03								
630.04								1647
630.05								1
630.06								17
630.07								1
630.08								1
630.09								5
633.01								2854
633.02								1237
637.01								1
640.01								911
613.08								273
629.11								440

REV	DATE	BY	REVISION
2	1/15/02	TMH	ADDENDUM NO. 5
1	1/4/02	KJ	ADDENDUM NO. 4

DEPARTMENT OF PUBLIC WORKS ENGINEERING DESIGN SECTION
400 EAST STEWART
LAS VEGAS NV, 89101
(702) 229-5276
CITY ENGINEER: CHARLES KAJKOWSKI, JR., P.E.
PROJECT MANAGER: THERESA M. HANRAHAN, P.E.

PRIMAS AND ASSOCIATES
CONSULTING ENGINEERS
1091 CIMARRON ROAD, SUITE A-3
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SHEET
TENAYA WAY / AZURE DRIVE
QUANTITY ESTIMATE
BID GROUP 1

TITLE
TENAYA WAY / AZURE DRIVE
ROADWAY IMPROVEMENTS

DRAWN BY:
DESIGNED BY:
CHECKED BY:
PROJECT NO: 907.01007
SCALE: HORZ VERT

SEAL
PROFESSIONAL ENGINEER - STATE OF NEVADA - CRAIG A. PRIMAS - CIVIL - No. 6638
CRAIG A. PRIMAS, P.E.
R.P.E. NO. 6638

PROFESSIONAL ENGINEER - STATE OF NEVADA - THERESA M. HANRAHAN - CIVIL - No. 5808
2 only 1/15/02

SHEET C4 49 OF 70 SHEETS
DRAWING NO. 107-V3145

BID NO. 02.1730.04 DWG NO. 107-V3145
ADDENDUM NO. 5

F:\PROJECTS\9907_01\9907-covers.dwg 01/08/2002 03:02:44 PM PST

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