

GENERAL	1	Job No		24852																																	
	2	Project Name		PCAPP																																	
	3	Tag number		EE-J07 -XT 3369---																																	
	4	Service		APB 130 - Covers South Cor. + East Vest (APB 131)																																	
	5	Room number	P&ID	APB 130	n/a																																
	6	Hazardous area class	Ignition temp ident number	Non-classified	n/a																																
	7	Agent Contamination Category		C																																	
	8	Ambient temperature Min	Max	65	85																																
	9	Camera/Positioner mounts	Design Life	yes	5 years																																
	10	Cable harness	Connection box																																		
LOCATION	11	Drawing	Mounting detail	24582-RD-JD-J07-J0024	*																																
	12	Mechanical interface	Mechanical interface ID no		*																																
	13	Electrical interface	Electrical interface ID no																																		
	14	Elevation	Column number	Gridline	Facing	Later																															
ENVIRONMENT CONDITIONS	15	DESIGN CONDITIONS		Units	Minimum	Maximum																															
	16	Design pressure		inHg-a	28	32																															
	17	Design temperature		°F	65	85																															
	18	Relative humidity		%	25	85																															
	19	Illumination level		lux	4	2000																															
	20	Wind Velocity			na/	n/a																															
	21	Chemical Contaminants		None																																	
	22	Lighting type	Vibration	Later																																	
	HOUSING	23	Housing type	indoor, pressurized																																	
		24	Construction style	*																																	
25		Purge connections	*																																		
26		Enclosure protection	NEMA 4X																																		
27		Mounting type	Later																																		
28		Housing material	Stainless Steel																																		
29		Composite cable connect.	*																																		
30		Purge/Cooling connect.	n/a																																		
31		Window washer/wiper	no																																		
32		Cooling Media/Rate	na																																		
33		Heater power	Load	na																																	
34		Blower power	Load	na																																	
35		Thermostat	no																																		
36		Sun shield	no																																		
OPTICS		37	View format/type	zoom																																	
		38	Imager type	Size	CCD	1/2"																															
	39	Lens optical format	1/2 "																																		
	40	Aperature control	auto w/remote override																																		
	41	Aperature range (f-stop)	*																																		
	42	Shutter speed control	Automatic																																		
	43	Lens mounting type	*																																		
	44	Focus control	auto w/remote override																																		
	45	Focal length wide	Narrow	*																																	
	46	Field Range	Depth	*																																	
	47	Field Height	Width	*																																	
	48	View angle	*																																		
	49	FOV wide angle	Narrow	*																																	
	50	Optical filters	*																																		
	51	Zoom control	remote																																		
	52	Zoom magnification	0.6X to 10X																																		
	53	Lens window material	*																																		
	AUXILIARY LIGHTING	54	Lighting type	*																																	
		55	Lighting control	*																																	
		56	Nominal Power	Load	*																																
57	Video type	color																																			
58	Color output style	composite																																			
59	Analog video format	NTSC																																			
60	Video output signal	1 V p-p																																			
61	Digital communication	RS 422																																			
62	Synchronization source	*																																			
63	Signal termination type	BNC receptacle*																																			
64	Frame rate control	n/a																																			
65	Nominal power	Load	*	60w																																	
66	Cert/Approv. type	Identifier	*	Yes																																	
67	Field Enclosure No.																																				
68	Pan/Tilt control	remote																																			
69	Pan rotation positive	Neg																																			
70	Pan speed	0.1 - 40 °/s																																			
71	Tilt rotation up	Down																																			
72	Tilt speed	0.1-30 °/s																																			
73	Nominal power	Load		10w																																	
74	Signal termination type	quick-release connector																																			
75	Max torque output	*																																			
76	Limit Switches	Brake	yes	yes																																	
77	Min working temp	Max	65 °F	85 °F																																	
78	Shock rating																																				
79	Horizontal resolution	470 TVL																																			
80	Signal impedance	75 Ohm																																			
81	Min signal-to-noise ratio	48 dB																																			
82	Min light sensitivity	4 Lux																																			
83	Overall geometric dist	*																																			
84	Max reqd cooling flow	n/a																																			
85	Max frame rate	30 frames/s																																			
86	Shutter speed low	High	*	*																																	
PURCHASE	87	MR No.	Item No.																																		
		* Seller to complete or verify information. See notes																																			
91	Component type	Manufacturer		Model number																																	
92	Camera & Positioner	*		*																																	
93	Lens	*		*																																	
94	Housing	*		*																																	
<table border="1"> <tr> <td colspan="4"></td> <td colspan="2">INSTRUMENT DATA SHEET</td> <td colspan="2">Bechtel Pueblo Team</td> </tr> <tr> <td colspan="4"></td> <td colspan="2">CCTV Camera</td> <td colspan="2"></td> </tr> <tr> <td>A</td> <td>By</td> <td>Chk</td> <td>Appr</td> <td>Date</td> <td>Issued for Use</td> <td>Quality Level: Non-Q</td> <td>Sheet 1 of 2</td> </tr> <tr> <td>No</td> <td>By</td> <td>Chk</td> <td>Appr</td> <td>Date</td> <td>Description</td> <td>Code: 37021 DS No:24852-RD-JDD-J07-J0369</td> <td>Rev: A</td> </tr> </table>										INSTRUMENT DATA SHEET		Bechtel Pueblo Team						CCTV Camera				A	By	Chk	Appr	Date	Issued for Use	Quality Level: Non-Q	Sheet 1 of 2	No	By	Chk	Appr	Date	Description	Code: 37021 DS No:24852-RD-JDD-J07-J0369	Rev: A
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- 1) This camera does not perform security Functions
- 2) Surge protection shall be provided on any power lines, video lines, sync lines, and control signal lines.
- 3) Bidder to include with proposal the list of Fluoropolymers (Teflon, Viton, Kynar) proposed in agent category A or B areas per specification 24852-RD-3PS-000-T0002, paragraph 4, next to last bullet

				INSTRUMENT SPECIFICATION CCTV Camera	Bechtel Pueblo Team	
A	GC	5/2/06	Issued for Use		Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0369	Rev.: A