

GENERAL	1	Job No		24852			
	2	Project Name		PCAPP			
	3	Tag number		EE-J07 -XT 3352---			
	4	Service		APB-137 Tox. Main. Areas, Cat B Airlock - SE Corner			
	5	Room number	P&ID	APB 137	n/a		
	6	Hazardous area class	Ignition temp ident number	Non-classified	N/A		
	7	Agent Contamination Category		B			
	8	Ambient temperature Min	Max	65	85		
	9	Camera/Positioner mounts	Design Life	Required	5 Years		
	10	Cable harness	Connection box	Required	Required		
LOCATION	11	Drawing	Mounting detail	24852-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		%	5	85	
	19	Illumination level		LUX	4	2000	
	20	Wind Velocity		N/A	N/A	N/A	
	21	Chemical Contaminants		Agent			
	22	Lighting type	Vibration	LATER			
HOUSING	23	Housing type	Indoor pressurized				
	24	Construction style					
	25	Purge connections	N/A				
	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	N/A				
	33	Heater power	Load	N/A	N/A		
	34	Blower power	Load	N/A	N/A		
	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 & rem/manual				
	41	Aperature range (f-stop)	*				
	42	Shutter speed control	Automatic				
	43	Lens mounting type	*				
	44	Focus control	auto & rem/manual				
	45	Focal length wide	Narrow	*	*		
	46	Field Range	Depth				
	47	Field Height	Width				
	48	View angle	* deg				
	49	FOV wide angle	Narrow	* deg	* deg		
	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	*	Required			
67	Field Enclosure No.						
68	Pan/Tilt control	remote					
69	Pan rotation positive	Neg	deg	deg			
70	Pan speed	*					
71	Tilt rotation up	Down	deg				
72	Tilt speed	*					
73	Nominal power	Load		60w			
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	* g's					
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 N/A					
85	Max frame rate	30 frames/s					
86	Shutter speed low	High	*	*			
PURCHASE	87	MR No.	Item No.	24852-MRA-EECO-J0001		4.35	
		* Seller to complete or verify information.					
		See notes					
91	Component type		Manufacturer		Model number		
92	Camera & Positioner		*		*		
93	Lens		*		*		
94	Housing		*		*		
				INSTRUMENT DATA SHEET		Bechtel Pueblo Team	
				CCTV Camera			
A	By	Chk	Appr	Date	Issued for Use		Quality Level: Non-Q
No	By	Chk	Appr	Date	Description		Code: 37021 DS No:24852-RD-JDD-J07-J0352
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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	5/4/06	Issued for Use		Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0352	Rev.: A