

GENERAL	1	Job No			24852				
	2	Project Name			PCAPP				
	3	Tag number			EE-J07 -XT 3319---				
	4	Service			APB-112 Cat C entry airlock				
	5	Room number	P&ID	APB-112	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	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			CAMERA MODULE	57	Video type	color
	24	Construction style					58	Color output style	composite
	25	Purge connections	N/A				59	Analog video format	NTSC
	26	Enclosure protection	NEMA 4X				60	Video output signal	1 V p-p
	27	Mounting type	Later				61	Digital communication	RS 422 *
	28	Housing material	Stainless Steel				62	Synchronization source	*
	29	Composite cable connect.	*				63	Signal termination type	*
	30	Purge/Cooling connect.	N/A				64	Frame rate control	N/A
	31	Window washer/wiper	No				65	Nominal power	Load *
	32	Cooling Media/Rate	N/A				66	Cert/Approv. type	Identifier *
	33	Heater power	Load	N/A	N/A		67	Field Enclosure No.	
	34	Blower power	Load	N/A	N/A		POSITIONING MECHANISM	68	Pan/Tilt control
35	Thermostat	No			69	Pan rotation positive		Neg deg deg	
36	Sun shield	No			70	Pan speed		*	
OPTICS	37	View format/type	zoom			71		Tilt rotation up	Down deg
	38	Imager type	Size	CCD	1/2"	72		Tilt speed	*
	39	Lens optical format	1/2 " *			73		Nominal power	Load *
	40	Aperature control	auto & rem/manual			74	Signal termination type	*	
	41	Aperature range (f-stop)	*			75	Max torque output	*	
	42	Shutter speed control	Automatic			76	Limit Switches	Brake Yes Yes	
	43	Lens mounting type	*			77	Min working temp	Max 65 °F 85 °F	
	44	Focus control	auto & rem/manual			78	Shock rating	* g's	
	45	Focal length wide	Narrow	*	*	79	Horizontal resolution	470 TVL	
	46	Field Range	Depth			80	Signal impedance	75 Ohm	
	47	Field Height	Width			81	Min signal-to-noise ratio	48 dB	
	48	View angle	* deg			82	Min light sensitivity	* Lux	
	49	FOV wide angle	Narrow	* deg	* deg	83	Overall geometric dist	* %	
	50	Optical filters	*			84	Max reqd cooling flow	N/A N/A	
51	Zoom control	remote			85	Max frame rate	30 frames/s		
52	Zoom magnification	0.6X to 10X			86	Shutter speed low	High *		
AUXILIARY LIGHTING	53	Lens window material	*			PURCHASE	87	MR No.	Item No.
	54	Lighting type	*			* Seller to complete or verify information.			
	55	Lighting control	*			See notes			
	56	Nominal Power	Load	*	*				
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-J0319	
								Sheet 1 of 2	
								Rev: A	

Tag number : EE-J07 -XT 3319---

- 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-J0319
					Rev.: A