

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3201---					
	4	Service			ERB-106 NW Corner					
	5	Room number	P&ID	ERB 106	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-J0023		*				
	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 pressureized			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	BNC receptacle	
	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		68	Pan/Tilt control	remote	
35	Thermostat	No			69	Pan rotation positive	Neg +180 deg -180 deg			
36	Sun shield	No			70	Pan speed	*			
OPTICS	37	View format/type	zoom			MECHANISM	71	Tilt rotation up	Down +40 deg -90	
	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	*			PERFORMANCE	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	4 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 *	
	53	Lens window material	*				PURCHASE	87	MR No.	Item No.
	AUXILIARY LIGHTING	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	↓	↓	↓	↓	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-J0201		Rev: A		

Tag number : EE-J07 -XT 3201---

- 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	5/2/04	Issued for Use			Sheet 2	of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0201	Rev.: A	