

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3205---					
	4	Service			ERB Room 102 - Vaper Contianment SW Corner					
	5	Room number	P&ID	ERB 102		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 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	* 60w
	32	Cooling Media/Rate	N/A				66	Cert/Approv. type	Identifier	* Required
	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	remote	
	35	Thermostat	No				69	Pan rotation positive	Neg	+180 deg -180 deg
	36	Sun shield	No				70	Pan speed	0.1 - 40 °/s	
37	View format/type	zoom			71		Tilt rotation up	Down	+40 deg -90	
OPTICS	38	Imager type	Size	CCD	1/2"	PERFORMANCE	72	Tilt speed	0.1-30 °/s	
	39	Lens optical format	1/2 " *				73	Nominal power	Load	* 60w
	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	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.	24852-MRA-EECO-J0001 3.01
	AUXILIARY LIGHTING	54	Lighting type	*			* Seller to complete or verify information. See notes			
55		Lighting control	*							
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		Sheet 1 of 2	
No	By	Chk	Appr	Date	Description	Code: 37021	DS No:24852-RD-JDD-J07-J0205		Rev: A	

Tag number : EE-J07 -XT 3205---

- 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	
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No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0205	Rev.: A	