

GENERAL	1	Job No			24852							
	2	Project Name			PCAPP							
	3	Tag number			EE-J07 -XT 3321---							
	4	Service			APB-118 DECON Airlock							
	5	Room number	P&ID	APB-118		n/a						
	6	Hazardous area class	Ignition temp ident number	Non-classified		N/A						
	7	Agent Contamination Category			A							
	8	Ambient temperature Min	Max	65		85						
	9	Camera/Positioner mounts	Design Life	yes		5 years						
	10	Cable harness	Connection box	Required		Required						
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			N/A	na/	n/a					
	21	Chemical Contaminants			Agent & Decon Solution							
	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	*				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	na				66	Cert/Approv. type	Identifier	*	Yes	
	33	Heater power	Load	na	N/A	67	Field Enclosure No.					
	34	Blower power	Load	na	N/A	68	Pan/Tilt control	remote				
	35	Thermostat	no			69	Pan rotation positive	Neg	deg	deg		
	36	Sun shield	no			70	Pan speed	0.1 - 40 °/s				
OPTICS	37	View format/type	zoom			MECHANISM	71	Tilt rotation up	Down	deg		
	38	Imager type	Size	CCD	1/2"		72	Tilt speed	0.1-30 °/s			
	39	Lens optical format	1/2 "				73	Nominal power	Load		10w	
	40	Aperature control	auto w/remote override				74	Signal termination type	quick-release connector			
	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	104 °F	
	44	Focus control	auto w/remote override				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	*	*		
	AUXILIARY LIGHTING	53	Lens window material	*			PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001	4.01
		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					Sheet 1 of 2		
No	By	Chk	Appr	Date	Description					Code: 37021 DS No:24852-RD-JDD-J07-J0321 Rev: A		

Tag number : EE-J07 -XT 3321---

- 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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