

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3009---						
	4	Service			Top of Munitions Storage Magazine (zoom only)						
	5	Room number	P&ID	N/A		N/A					
	6	Hazardous area class	Ignition temp ident number	Non-classified		N/A					
	7	Agent Contamination Category			E						
	8	Ambient temperature Min	Max	-20		104					
	9	Camera/Positioner mounts	Design Life	Yes		5 Years					
	10	Cable harness	Connection box	Yes		Yes					
LOCATION	11	Drawing	Mounting detail	24852-RD-JD-J07-J0022		*					
	12	Mechanical interface	Mechanical interface ID no	*		*					
	13	Electrical interface	Electrical interface ID no	*							
	14	Elevation	Column number	Gridline	Facing	*					
ENVIRONMENT CONDITIONS	15	DESIGN CONDITIONS			Units	Minimum	Maximum				
	16	Design pressure			inH2O-a	28	32				
	17	Design temperature			°F	-20	104				
	18	Relative humidity			%	0	100				
	19	Illumination level			Lux	2	Daylight				
	20	Wind Velocity			mph	0	90				
	21	Chemical Contaminants			N/A						
	22	Lighting type	Vibration	High Pressure Sodium		NA					
HOUSING	23	Housing type	Outdoor			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	Roof				61	Digital communication	RS 422		
	28	Housing material	aluminium				62	Synchronization source	*		
	29	Composite cable connect.	N/A				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	120 V(ac) 50/60 H	60w	
	32	Cooling Media/Rate	N/A			66	Cert/Approv. type	Identifier	*	Required	
	33	Heater power	Load	120 vac	10w	67	Field Enclosure No.				
	34	Blower power	Load	N/A	N/A	POSITIONING MECHANISM	68	Pan/Tilt control	NA		
	35	Thermostat	Yes				69	Pan rotation positive	Neg	+180	-180
	36	Sun shield	Yes				70	Pan speed	0.1 - 40 °/s		
	37	View format/type	zoom				71	Tilt rotation up	Down	+40	-90
	38	Imager type	Size	CCD	1/2"		72	Tilt speed	0.1-30 °/s		
39	Lens optical format	1/2 "			73		Nominal power	Load	*	*	
40	Aperature control	Auto/ remote override			74		Signal termination type	quick-release connector			
41	Aperature range (f-stop)	*			75		Max torque output	10			
OPTICS	42	Shutter speed control	Automatic			76	Limit Switches	Brake	Yes	Yes	
	43	Lens mounting type	*			PERFORMANCE	77	Min working temp	Max	-20 °F	104 °F
	44	Focus control	Auto/ 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	2 Lux		
	49	FOV wide angle	Narrow	* deg*	deg*		83	Overall geometric dist	* %		
	50	Optical filters	IR				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	By	Sm	-	5/2/02	Issued for Use				Quality Level: Non-Q		
No	By	Chk	Appr	Date	Description				Code: 37021 DS No:24852-RD-JDD-J07-J0009		
									Sheet 1 of 2		
									Rev: A		

Tag number : EE-J07 -XT 3009---

- 1) This camera does not perform security Functions
- 2) Heater and Defroster with thermostat shall be provided
- 3) Lightning protection shall be provided
- 4) Surge protection shall be provided on any power lines, video lines, sync lines, and control signal lines.

				INSTRUMENT SPECIFICATION CCTV Camera	Bechtel Pueblo Team	
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No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0009	Rev.: A