

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3010---					
	4	Service			North Side of Munitions Storage Magazine (PTZ)					
	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		24582-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			inHg-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 Vapor		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	aluminum			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	120 V(ac) 50/60 H	60w
	32	Cooling Media/Rate	N/A			66	Cert/Approv. type	Identifier	*	Required
	33	Heater power	Load	120			10w			
	34	Blower power	Load	N/A			N/A			
OPTICS	35	Thermostat	Yes		POSITIONING MECHANISM	67	Field Enclosure No.	*		
	36	Sun shield	Yes			68	Pan/Tilt control	remote		
	37	View format/type	zoom			69	Pan rotation positive	Neg	+180	-180
	38	Imager type	Size	CCD		1/2"				
	39	Lens optical format	1/2 "			70	Pan speed	0.1 - 40 °/s		
	40	Aperature control	auto/w remote override			71	Tilt rotation up	Down	+40	-90
	41	Aperature range (f-stop)	*		72	Tilt speed	0.1-30 °/s			
	42	Shutter speed control	auto		73	Nominal power	Load	*	*	
	43	Lens mounting type	*		74	Signal termination type	*			
	44	Focus control	auto/w remote override		75	Max torque output	*			
	45	Focal length wide	Narrow	*	*					
	46	Field Range	Depth	*						
	47	Field Height	Width	*						
	48	View angle	deg *		PERFORMANCE	76	Limit Switches	Brake	Yes	Yes
	49	FOV wide angle	Narrow	*		deg*	deg*			
	50	Optical filters	*			77	Min working temp	Max	-20 °F	104 °F
	51	Zoom control	remote			78	Shock rating	*		g's
	52	Zoom magnification	0.6X to 10X			79	Horizontal resolution	470 TVL		
53	Lens window material	*		80		Signal impedance	75 Ohm			
AUXILIARY LIGHTING	54	Lighting type	*		PURCHASE	81	Min signal-to-noise ratio	48 dB		
	55	Lighting control	*			82	Min light sensitivity	2 Lux		
	56	Nominal Power	Load	*		*				
91	Component type		Manufacturer		Model number					
92	Camera & Positioner		*		*					
93	Lens		*		*					
94	Housing		*		*					
					INSTRUMENT DATA SHEET					
					CCTV Camera					
					Bechtel Pueblo Team					
A	By	Chk	Appr	Date	Issued for Use					
No	By	Chk	Appr	Date	Description					
					Quality Level: Non-Q					
					Sheet 1 of 2					
					Code: 37021 DS No:24852-RD-JDD-J07-J0010					
					Rev: A					

Tag number : EE-J07 -XT 3010---

- 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	
A	GC	5/2/06	Issued for Use		Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0010	Rev.: A