

GENERAL	1	Job No		24852				
	2	Project Name		PCAPP				
	3	Tag number		EE-J07 -XT 3344---				
	4	Service		APB-120 Toxic Area A - East Wall, Upper Level				
	5	Room number	P&ID	APB 120		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	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 pressurized				
		24	Construction style					
25		Purge connections	N/A					
26		Enclosure protection	NEMA 4X					
27		Mounting type	Later					
28		Housing material	Stainless Steel					
29		Composite cable connect.	*					
30		Purge/Cooling connect.	N/A					
31		Window washer/wiper	No					
32		Cooling Media/Rate	N/A					
33		Heater power	Load	N/A	N/A			
34		Blower power	Load	N/A	N/A			
35		Thermostat	No					
36		Sun shield	No					
OPTICS	37	View format/type	zoom					
	38	Imager type	Size	CCD	1/2"			
	39	Lens optical format	1/2 " *					
	40	Aperature control	auto & rem/manual					
	41	Aperature range (f-stop)	*					
	42	Shutter speed control	Automatic					
	43	Lens mounting type	*					
	44	Focus control	auto & rem/manual					
	45	Focal length wide	Narrow	*	*			
	46	Field Range	Depth					
	47	Field Height	Width					
	48	View angle	* deg					
	49	FOV wide angle	Narrow	* deg	* deg			
	50	Optical filters	*					
	51	Zoom control	remote					
	52	Zoom magnification	0.6X to 10X					
	AUXILIARY LIGHTING	53	Lens window material	*				
		54	Lighting type	*				
55		Lighting control	*					
56		Nominal Power	Load	*	*			
57		Video type	color					
58		Color output style	composite					
59		Analog video format	NTSC					
60		Video output signal	1 V p-p					
61		Digital communication	RS 422 *					
62		Synchronization source	*					
CAMERA MODULE POSITIONING MECHANISM PERFORMANCE	63	Signal termination type	BNC receptacle					
	64	Frame rate control	N/A					
	65	Nominal power	Load	*	60w			
	66	Cert/Approv. type	Identifier	*	Required			
	67	Field Enclosure No.						
	68	Pan/Tilt control	remote					
	69	Pan rotation positive	Neg	deg	deg			
	70	Pan speed	*					
	71	Tilt rotation up	Down	deg				
	72	Tilt speed	*					
	73	Nominal power	Load		60w			
	74	Signal termination type	quick-release connector					
	75	Max torque output	*					
	76	Limit Switches	Brake	Yes	Yes			
	77	Min working temp	Max	65 °F	85 °F			
	78	Shock rating	* g's					
	79	Horizontal resolution	470 TVL					
	80	Signal impedance	75 Ohm					
81	Min signal-to-noise ratio	48 dB						
82	Min light sensitivity	4 Lux						
83	Overall geometric dist	* %						
84	Max reqd cooling flow	N/A N/A						
85	Max frame rate	30 frames/s						
86	Shutter speed low	High	*	*				
PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001		4.35		
	* Seller to complete or verify information. See notes							
91	Component type		Manufacturer		Model number			
92	Camera & Positioner		*		*			
93	Lens		*		*			
94	Housing		*		*			
<div style="display: flex; justify-content: space-between;"> <div> <b>INSTRUMENT DATA SHEET</b> CCTV Camera </div> <div> <b>Bechtel Pueblo Team</b> </div> </div>								
A	2	2	5/2/00	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-J0344	Rev: A	

- 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	5/2/06	Issued for Use			Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0344	Rev.: A	