

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3342---						
	4	Service			APB-120 Toxic Area A - North Wall, East 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	Induction Type							
	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
OPTICS	33	Heater power	Load	N/A	N/A	POSITIONING MECHANISM	67	Field Enclosure No.			
	34	Blower power	Load	N/A	N/A		68	Pan/Tilt control	remote		
	35	Thermostat	No				69	Pan rotation positive	Neg	deg	deg
	36	Sun shield	No				70	Pan speed	*		
	37	View format/type	zoom				71	Tilt rotation up	Down	deg	
	38	Imager type	Size	CCD 1/2"			72	Tilt speed	*		
	39	Lens optical format	1/2 **				73	Nominal power	Load		60w
	40	Aperature control	auto & rem/manual				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
AUXILIARY LIGHTING	43	Lens mounting type	*			PERFORMANCE	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		
	51	Zoom control	remote				85	Max frame rate	30 frames/s		
	52	Zoom magnification	0.6X to 10X				86	Shutter speed low	High	*	*
PURCHASE	53	Lens window material	*			87	MR No.	Item No.	24852-MRA-EEC0-J0001	4.35	
	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	McA	-	5/4/02	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-J0342			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-J0342		Rev.: A