

GENERAL	1	Job No			24852				
	2	Project Name			PCAPP				
	3	Tag number			EE-J07 -XT 3336---				
	4	Service			APB-120 Toxic Area A - South 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 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	
32		Cooling Media/Rate	N/A		66		Cert/Approv. type	Identifier	
33		Heater power	Load	N/A	N/A		67	Field Enclosure No.	
34		Blower power	Load	N/A	N/A		68	Pan/Tilt control	remote
35		Thermostat	No		POSITIONING MECHANISM		69	Pan rotation positive	Neg
36		Sun shield	No				70	Pan speed	*
OPTICS	37	View format/type	zoom			71	Tilt rotation up	Down	
	38	Imager type	Size	CCD		1/2"	72	Tilt speed	*
	39	Lens optical format	1/2 " *		73	Nominal power	Load		
	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		
	43	Lens mounting type	*		77	Min working temp	Max		
	44	Focus control	auto & rem/manual		78	Shock rating	*		
	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			
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	Chk	Appr	Date	Issued for Use			Sheet 1 of 2	
No	By	Chk	Appr	Date	Description			Code: 37021 DS No:24852-RD-JDD-J07-J0336 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	GTC	5/2/06	Issued for Use			Sheet 2	of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0336	Rev.: A	