

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3334---					
	4	Service			APB-126 Toxic Maintenance Area A SW Wall					
	5	Room number	P&ID	APB 126		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		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	
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	deg	deg
36		Sun shield	No			70	Pan speed	*		
37	View format/type	zoom		71		Tilt rotation up	Down	deg		
OPTICS	38	Imager type	Size	CCD	1/2"	PERFORMANCE	72	Tilt speed	*	
	39	Lens optical format	1/2 **		73		Nominal power	Load		60w
	40	Aperture control	auto & rem/manual		74		Signal termination type	quick-release connector		
	41	Aperture range (f-stop)	*		75		Max torque output	*		
	42	Shutter speed control	Automatic		76		Limit Switches	Brake	Yes	Yes
	43	Lens mounting type	*		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	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	0.6X to 10X		PURCHASE	87	MR No.	Item No.	24852-MRA-EECO-J0001	4.35	
AUXILIARY LIGHTING	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	GC	5/2/06	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-J0334	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	5/4/06	Issued for Use			Sheet 2	of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0334	Rev.: A	