

GENERAL	1	Job No			24852							
	2	Project Name			PCAPP							
	3	Tag number			EE-J07 -XT 3358---							
	4	Service			APB-122 Hydrostate Tank Room, West Wall, Lower							
	5	Room number	P&ID	APB 122		n/a						
	6	Hazardous area class	Ignition temp ident number	Non-classified		N/A						
	7	Agent Contamination Category			C							
	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	*	60w	
32		Cooling Media/Rate	N/A			66		Cert/Apprv. type	Identifier	*	Required	
33		Heater power	Load	N/A	N/A	67		Field Enclosure No.				
34		Blower power	Load	N/A	N/A	POSITIONING MECHANISM		68	Pan/Tilt control	remote		
35		Thermostat	No					69	Pan rotation positive	Neg	deg	deg
36		Sun shield	No					70	Pan speed	*		
OPTICS	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		
	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 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	*	*	
	AUXILIARY LIGHTING	53	Lens window material	*			PURCHASE	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	By	Chk	Appr	Date	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-J0358				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		
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0358
					Sheet 2 of 2
					Rev.: A