

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3339---						
	4	Service			APB-120 Toxic Area A - West Wall Lower 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	*					
ENVIRONMENT CONDITIONS	15	DESIGN CONDITIONS			Units	Minimum	Maximum				
	16	Design pressure			inHg-a						
	17	Design temperature			°F						
	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/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		
	38	Imager type	Size	CCD		1/2"	72	Tilt speed	*		
OPTICS	39	Lens optical format	1/2 * *		PERFORMANCE	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	*			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	BA	SA	—	5/4/06	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-J0339		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-J0339	Rev.: A