

GENERAL	1	Job No		24852		
	2	Project Name		PCAPP		
	3	Tag number		EE-J07 -XT 3345---		
	4	Service		APB-120 Toxic Area A - East 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	
	16	Design pressure		inHg-a	28	
	17	Design temperature		°F	65	
	18	Relative humidity		%	5	
	19	Illumination level		LUX	4	
	20	Wind Velocity		N/A	N/A	
	21	Chemical Contaminants		Agent		
	22	Lighting type	Vibration	LATER		
	HOUSING	23	Housing type	Indoor pressureized		
		24	Construction style			
25		Purge connections	N/A			
26		Enclosure protection	NEMA 4X			
27		Mounting type	Later			
28		Housing material	Stainless Steel			
29		Composite cable connect.	*			
30		Purge/Cooling connect.	N/A			
31		Window washer/wiper	No			
32		Cooling Media/Rate	N/A			
OPTICS	33	Heater power	Load	N/A	N/A	
	34	Blower power	Load	N/A	N/A	
	35	Thermostat	No			
	36	Sun shield	No			
	37	View format/type	zoom			
	38	Imager type	Size	CCD	1/2"	
	39	Lens optical format	1/2 **			
	40	Aperature control	auto & rem/manual			
	41	Aperature range (f-stop)	*			
	42	Shutter speed control	Automatic			
AUXILIARY LIGHTING	43	Lens mounting type	*			
	44	Focus control	auto & rem/manual			
	45	Focal length wide	Narrow	*	*	
	46	Field Range	Depth			
	47	Field Height	Width			
	48	View angle		* deg		
	49	FOV wide angle	Narrow	* deg	* deg	
	50	Optical filters	*			
	51	Zoom control	remote			
	52	Zoom magnification	0.6X to 10X			
CAMERA MODULE	57	Video type	color			
	58	Color output style	composite			
	59	Analog video format	NTSC			
	60	Video output signal	1 V p-p			
	61	Digital communication	RS 422 *			
	62	Synchronization source	*			
	63	Signal termination type	BNC receptacle			
	64	Frame rate control	N/A			
	65	Nominal power	Load	*	60w	
	66	Cert/Approv. type	Identifier	*	Required	
POSITIONING MECHANISM	67	Field Enclosure No.				
	68	Pan/Tilt control	remote			
	69	Pan rotation positive	Neg	deg	deg	
	70	Pan speed		*		
	71	Tilt rotation up	Down	deg		
	72	Tilt speed		*		
	73	Nominal power	Load		60w	
	74	Signal termination type	quick-release connector			
	75	Max torque output		*		
	76	Limit Switches	Brake	Yes	Yes	
PERFORMANCE	77	Min working temp	Max	65 °F	85 °F	
	78	Shock rating		*	g's	
	79	Horizontal resolution		470 TVL		
	80	Signal impedance		75 Ohm		
	81	Min signal-to-noise ratio		48	dB	
	82	Min light sensitivity		4	Lux	
	83	Overall geometric dist		*	%	
	84	Max reqd cooling flow		N/A	N/A	
	85	Max frame rate		30	frames/s	
	86	Shutter speed low	High	*	*	
PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001	4.35	
	* Seller to complete or verify information.					
	See notes					
91	Component type		Manufacturer		Model number	
92	Camera & Positioner		*			
93	Lens		*			
94	Housing		*			
<div style="display: flex; justify-content: space-between;"> <div> <p>INSTRUMENT DATA SHEET</p> <p>CCTV Camera</p> </div> <div> <p>Bechtel Pueblo Team</p> </div> </div>						
A	sec	-	5/4/06	Issued for Use	Quality Level: Non-Q	
No	By	Chk	Appr	Date	Description	
					Code: 37021 DS No:24852-RD-JDD-J07-J0345	
					Rev: A	

Tag number : EE-J07 -XT 3345---

- 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-J0345		Rev.: A