

GENERAL	1	Job No		24852		
	2	Project Name		PCAPP		
	3	Tag number		EE-J07 -XT 3340---		
	4	Service		APB-120 Toxic Area A - North Wall, West 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	Induction Type		
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			
	33	Heater power	Load	N/A	N/A	
	34	Blower power	Load	N/A	N/A	
	35	Thermostat	No			
	36	Sun shield	No			
OPTICS	37	View format/type	zoom			
	38	Imager type	Size	CCD 1/2"		
	39	Lens optical format	1/2 " *			
	40	Aperture control	auto & rem/manual			
	41	Aperture range (f-stop)	*			
	42	Shutter speed control	Automatic			
	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			
	53	Lens window material	*			
	AUXILIARY LIGHTING	54	Lighting type	*		
55		Lighting control	*			
56		Nominal Power	Load	*		
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		
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		
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-EECO-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	By	Chk	Appr	Date	Issued for Use	
No	By	Chk	Appr	Date	Description	
Quality Level: Non-Q			Sheet 1 of 2			
Code: 37021			DS No: 24852-RD-JDD-J07-J0340		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			
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0340	Rev.: A