

GENERAL	1	Job No		24852	
	2	Project Name		PCAPP	
	3	Tag number		EE-J07 -XT 3347---	
	4	Service		APB-120 Toxic Area A - SE Corner, 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	
	23	Housing type	Indoor pressureized		
	HOUSING	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
OPTICS	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		
	43	Lens mounting type	*		
AUXILIARY LIGHTING	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
	50	Optical filters	*		
	51	Zoom control	remote		
	52	Zoom magnification	0.6X to 10X		
	53	Lens window material	*		
CAMERA MODULE	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		
POSITIONING MECHANISM	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
PERFORMANCE	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		*	%
PURCHASE	84	Max reqd cooling flow	N/A	N/A	
	85	Max frame rate		30	frames/s
	86	Shutter speed low	High	*	*
	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	SEA	-	5/2/06	Issued for Use	Quality Level: Non-Q
No	By	Chk	Appr	Date	Description
Code: 37021					DS No: 24852-RD-JDD-J07-J0347
					Rev: A

Tag number : EE-J07 -XT 3347---

- 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-J0347
					Rev.: A