

GENERAL	1	Job No		24852				
	2	Project Name		PCAPP				
	3	Tag number		EE-J07 -XT 3362---				
	4	Service		APB-116 Gasoff Treatment Room, NW Corner Lower				
	5	Room number	P&ID	APB 116	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					
	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		Aperature control	auto & rem/manual					
41		Aperature 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					
AUXILIARY LIGHTING	53	Lens window material	*					
	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		*		*			
				INSTRUMENT DATA SHEET		Bechtel Pueblo Team		
				CCTV Camera				
A	By	Chk	Appr	Date	Issued for Use	Sheet 1 of 2		
No	By	Chk	Appr	Date	Description	Quality Level: Non-Q	Rev: A	
				5/4/06		Code: 37021 DS No:24852-RD-JDD-J07-J0362		

Tag number : EE-J07 -XT 3362---

- 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-J0362
					Rev.: A