

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3220---						
	4	Service			ERB-115C - Parts Monitoring - SW Corner						
	5	Room number	P&ID	ERB 115C		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-J0023		*					
	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			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	POSITIONING MECHANISM	68	Pan/Tilt control	remote		
	35	Thermostat	No				69	Pan rotation positive	Neg deg deg		
	36	Sun shield	No				70	Pan speed	*		
	OPTICS	37	View format/type	zoom			71	Tilt rotation up	Down deg		
		38	Imager type	Size	CCD 1/2"		72	Tilt speed	*		
39		Lens optical format	1/2 " *				73	Nominal power	Load 60w		
40		Aperature control	auto & rem/manual			74	Signal termination type	*			
41		Aperature range (f-stop)	*			75	Max torque output	*			
42		Shutter speed control	Automatic			76	Limit Switches	Brake Yes Yes			
43		Lens mounting type	*			PERFORMANCE	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	3.51
	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	By	Chk	Appr	Date	Issued for Use				Quality Level: Non-Q		
No	By	Chk	Appr	Date	Description				Code: 37021 DS No:24852-RD-JDD-J07-J0220		
									Sheet 1 of 2		
									Rev: A		

Tag number : EE-J07 -XT 3220---

- 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	Sheet 2 of 2	Bechtel Pueblo Team
A	gc	5/12/06	Issued for Use			
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0220	Rev.: A