

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3231---						
	4	Service			ERB-110 - ECR-1 NW Corner						
	5	Room number	P&ID	ERB 110		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				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	*		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		PERFORMANCE	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	*	*	
53	Lens window material	*		PURCHASE		87	MR No.	Item No.	24852-MRA-EECO-J0001	3.51	
AUXILIARY LIGHTING	54	Lighting type	*			* Seller to complete or verify information.					
	55	Lighting control	*			See notes					
	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			Sheet 1 of 2		
No	By	Chk	Appr	Date	Description	Code: 37021 DS No:24852-RD-JDD-J07-J0231			Rev: A		

Tag number : EE-J07 -XT 3231---

- 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	
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No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0231	Rev.: A	