

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3230---						
	4	Service			ERB Room 110 -ERC-1 Mobile Camera						
	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		n/a		n/a				
	13	Electrical interface	Electrical interface ID no		*		*				
	14	Elevation	Column number	Gridline	Facing		n/a				
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 pressurized		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		local		
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		*		
	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		120 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	3.01	
	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		
No	By	Chk	Appr	Date	Description				Code: 37021 DS No:24852-RD-JDD-J07-J0230		
									Sheet 1 of 2		
									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	
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No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0230		Rev.: A