

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3332---					
	4	Service			APB-125 Mobile Camera, Line 2					
	5	Room number	P&ID	APB-125		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		104				
	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	N/A				
ENVIRONMENT CONDITIONS	15	DESIGN CONDITIONS			Units	Minimum	Maximum			
	16	Design pressure			inHg-a	28	32			
	17	Design temperature			°F	65	104			
	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		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	*		
	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	*				
37	View format/type	zoom		71	Tilt rotation up	Down		deg		
OPTICS	38	Imager type	Size	CCD	1/2"	PERFORMANCE	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		82	Min light sensitivity	4	Lux
	49	FOV wide angle	Narrow	*	deg		*	deg		
	50	Optical filters	*		83		Overall geometric dist	*		%
	51	Zoom control	remote		84		Max reqd cooling flow	N/A	N/A	
	52	Zoom magnification	0.6X to 10X		85		Max frame rate	120 frames/s		
AUXILIARY LIGHTING	53	Lens window material	*		PURCHASE	86	Shutter speed low	High	*	*
	54	Lighting type	*			87	MR No.	Item No.	24852-MRA-EECO-J0001	4.40
	55	Lighting control	*			* Seller to complete or verify information.				
	56	Nominal Power	Load	*		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				Quality Level: Non-Q	
No	By	Chk	Appr	Date	Description				Code: 37021 DS No:24852-RD-JDD-J07-J0332	
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- 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
- 4) Mounted on mobile Dolly with Jib Arm per specifications 24852-3PS-000-J0004

				INSTRUMENT SPECIFICATION CCTV Camera	Bechtel Pueblo Team		
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No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0332	Rev.: A	