

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3331---					
	4	Service			APB 125 Mobile Camera, Line 1					
	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			A					
	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	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		N/A					
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	68	Pan/Tilt control	remote		
	35	Thermostat	No		POSITIONING MECHANISM	69	Pan rotation positive	Neg	deg	
	36	Sun shield	No			70	Pan speed	*		
37	View format/type	zoom		71		Tilt rotation up	Down	deg		
38	Imager type	Size	CCD	1/2"		72	Tilt speed	*		
OPTICS	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		
	43	Lens mounting type	*		77	Min working temp	Max	65 °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	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-J0331		
								Sheet 1 of 2		
								Rev: A		

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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
A	GC	5/2/00	Issued for Use		Sheet 2 of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0331
					Rev.: A