

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3354---					
	4	Service			APB 129 Glove Box - Mobile Camera					
	5	Room number	P&ID	APB 129	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-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	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	BNC receptacle	
	30	Purge/Cooling connect.	N/A				64	Frame rate control	N/A	
	31	Window washer/wiper	No				65	Nominal power	Load *	
	32	Cooling Media/Rate	N/A				66	Cert/Approv. type	Identifier *	
	33	Heater power	Load	N/A	N/A		67	Field Enclosure No.		
	34	Blower power	Load	N/A	N/A					
	35	Thermostat	No				POSITIONING MECHANISM	68	Pan/Tilt control	remote
	36	Sun shield	No					69	Pan rotation positive	Neg deg deg
OPTICS	37	View format/type	zoom			PERFORMANCE	70	Pan speed	*	
	38	Imager type	Size	CCD	1/2"		71	Tilt rotation up	Down deg	
	39	Lens optical format	1/2 " *				72	Tilt speed	*	
	40	Aperature control	auto & rem/manual				73	Nominal power	Load *	
	41	Aperature range (f-stop)	*				74	Signal termination type	quick-release connector	
	42	Shutter speed control	Automatic				75	Max torque output	*	
	43	Lens mounting type	*				76	Limit Switches	Brake Yes Yes	
	44	Focus control	auto & rem/manual				77	Min working temp	Max 65 °F 85 °F	
	45	Focal length wide	Narrow	*	*		78	Shock rating	* g's	
	46	Field Range	Depth				79	Horizontal resolution	470 TVL	
	47	Field Height	Width				80	Signal impedance	75 Ohm	
	48	View angle	* deg				81	Min signal-to-noise ratio	48 dB	
	49	FOV wide angle	Narrow	* deg	* deg		82	Min light sensitivity	4 Lux	
	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	
	53	Lens window material	*				86	Shutter speed low	High *	
	AUXILIARY LIGHTING	54	Lighting type	*			PURCHASE	87	MR No.	Item No.
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	Sheet 1 of 2	
No	By	Chk	Appr	Date	Description			Code: 37021 DS No:24852-RD-JDD-J07-J0354	Rev: A	

Tag number : EE-J07 -XT 3354---

- 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) Camera mounted on mobile Dolly With Jib Arm per specificaiton 24852-3PS-000-J0004

				INSTRUMENT SPECIFICATION  CCTV Camera	<b>Bechtel Pueblo Team</b>	
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