

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3353---						
	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	* 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	quick-release connector			
	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		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	* *		
	53	Lens window material	*		PURCHASE		87	MR No.	Item No.	24852-MRA-EECO-J0001 3.01	
	AUXILIARY LIGHTING	54	Lighting type	*			* Seller to complete or verify information. See notes				
		55	Lighting control	*							
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-J0353			
								Sheet 1 of 2			
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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) Camera mounted on mobile Dolly with Jib Arm, Per specification 24852-3PS-000-J0004

				INSTRUMENT SPECIFICATION  CCTV Camera	Bechtel Pueblo Team
A	GC	5/2/06	Issued for Use		Sheet 2 of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0353
					Rev.: A