

GENERAL	1	Job No	24852									
	2	Project Name	PCAPP									
	3	Tag number	EE-J07 -XT 3314---									
	4	Service	APB-125 MWSR Ln 2 South wall Veiw into CAMS array									
	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	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							
ENVIRONMENT CONDITIONS	15	DESIGN CONDITIONS			Units	Minimum		Maximum				
	16	Design pressure			inH2O-a	-2		0				
	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, Decon Hydrolystate							
	22	Lighting type			Vibration	Later						
	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	N/A			
31		Window washer/wiper	no			65		Nominal power	Load	24 V(ac) *	*	
32		Cooling Media/Rate	N/A			66		Cert/Apprv. type	Identifier	*	Yes	
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		10w	
	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	104 °F	
	44	Focus control	auto & rem/manual				78	Shock rating	*			
	45	Focal length wide	Narrow	*	*		79	Horizontal resolution	Minimum 460 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	*			
	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	30 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	4.31	
	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	IC	C	-	5/2/06	Issued for Use					Quality Level: Non-Q		
No	By	Chk	Appr	Date	Description					Sheet 1 of 2		
					Code: 37021					DS No:24852-RD-JDD-J07-J0314		
										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-J0314		Rev.: A