

GENERAL	1	Job No		24852								
	2	Project Name		PCAPP								
	3	Tag number		EE-J07 -XT 3315---								
	4	Service		APB- 125 MWSR Ln 2 SE Corner View behind 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	Later						
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 & Decon Solution								
	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		60w		
32		Cooling Media/Rate	N/A		66		Cert/Approv. 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		*		
	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	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	30 frames/s					
53	Lens window material	*		86	Shutter speed low	High	*	*				
AUXILIARY LIGHTING	54	Lighting type	*		PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001	4.32		
	55	Lighting control	*		* Seller to complete or verify information. 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-J015			
								Sheet 1 of 2				
								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	
A	GR	5/2/06	Issued for Use		Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J015	Rev.: A