

GENERAL	1	Job No		24852								
	2	Project Name		PCAPP								
	3	Tag number		EE-J07 -XT 3233---								
	4	Service		ERB-113 Projectile Monitoring Area SE Corner								
	5	Room number	P&ID	ERB 113		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-J0023		*						
	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	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	Induction Type								
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	*	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	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 " *		PERFORMANCE	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	Yes		
	43	Lens mounting type	*			77	Min working temp	Max	65 °F	85 °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			
	AUXILIARY LIGHTING	53	Lens window material	*		PURCHASE	87	MR No.	Item No.	24852-MRA-EECO-J0001	5.01	
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-J0233			
								Sheet 1 of 2				
								Rev: A				

Tag number : EE-J07 -XT 3233---

- 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	GC	5/2/06	Issued for Use		Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0233	Rev.: A