

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3203---						
	4	Service			ERB-106 NE Corner (Receiving)						
	5	Room number	P&ID	ERB 106	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		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	+180 deg -180 deg	
	36	Sun shield	No				70	Pan speed	*		
	OPTICS	37	View format/type	zoom			71	Tilt rotation up	Down	+40 deg -90	
		38	Imager type	Size	CCD 1/2"		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	30 frames/s				
52	Zoom magnification	0.6X to 10.0x			86	Shutter speed low	High	* *			
AUXILIARY LIGHTING	53	Lens window material	*			PURCHASE	87	MR No.	Item No.	24852-MRA-EECO-J0001 3.01	
	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	28	Em	-	5/2/06	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-J0203			Rev: A		

Tag number : EE-J07 -XT 3203---

- 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	OK	5/2/06	Issued for Use		Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0203	Rev.: A