

GENERAL	1	Job No			24852					
	2	Project Name			PCAPP					
	3	Tag number			EE-J07 -XT 3001---					
	4	Service			North East Corner of Agent Processing Building					
	5	Room number	P&ID		N/A		N/A			
	6	Hazardous area class	Ignition temp ident number		Non-classified		N/A			
	7	Agent Contamination Category			Non-classified					
	8	Ambient temperature Min	Max		-20°F		104°F			
	9	Camera/Positioner mounts	Design Life		Required		5 Years			
	10	Cable harness	Connection box		Required		Required			
LOCATION	11	Drawing	Mounting detail		24852-JD-J07-J0022		*			
	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			inHg-a	28		32		
	17	Design temperature			°F	-20		104		
	18	Relative humidity			%	24		68		
	19	Illumination level			Lux	2		Daylight		
	20	Wind Velocity			mph	0		90		
	21	Chemical Contaminants			N/A					
	22	Lighting type	Vibration		High Pressure Sodium		NA			
	HOUSING	23	Housing type	Outdoor		CAMERA MODULE	57	Video type	color	
		24	Construction style	*			58	Color output style	composite	
25		Purge connections	NA		59		Analog video format	NTSC		
26		Enclosure protection	NEMA 4		60		Video output signal	1 V p-p		
27		Mounting type	Roof		61		Digital communication	RS 422 *		
28		Housing material	aluminum		62		Synchronization source	*		
29		Composite cable connect.	*		63		Signal termination type	BNC receptacle		
30		Purge/Cooling connect.	N/A		64		Frame rate control	Fixed-30 frames/s		
31		Window washer/wiper	N/A		65		Nominal power	Load 120Vac *		
32		Cooling Media/Rate	N/A		66		Cert/Apprv. type	Identifier *		
33		Heater power	Load	120 Vac	*		67	Field Enclosure No.	*	
34		Blower power	Load	N/A	N/A		POSITIONING MECHANISM	68	Pan/Tilt control	remote
35		Thermostat	Yes		69			Pan rotation positive	Neg +180 ° -180 °	
36		Sun shield	Yes		70			Pan speed	0.1 - 40 ° /s	
37	View format/type	zoom		71	Tilt rotation up	Down +40 ° -90				
OPTICS	38	Imager type	Size	CCD 1/2"	*	72	Tilt speed	0.1-30 ° /s		
	39	Lens optical format	1/2 " *		PERFORMANCE	73	Nominal power	Load *		
	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 -20 °F 104 °F		
	44	Focus control	auto & rem/manual			78	Shock rating	* g's		
	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	2 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.X6 to 10X		86		Shutter speed low	High *			
AUXILIARY LIGHTING	53	Lens window material	*		PURCHASE	87	MR No.	Item No.		
	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	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-J0001 Rev: A				

Tag number : EE-J07 -XT 3001---

1. This camera does not perform security functions.
2. Heater & Defroster, with thermostat shall be provided.
3. Lightning protection shall be provided.
4. Surge protection shall be provided on any power lines, video lines, synchronization line, and control signal lines located outdoors.

				INSTRUMENT SPECIFICATION CCTV Camera	Bechtel Pueblo Team
A	guc	5/2/06	Issued for Use		Sheet 2 of 2
No.	By	Date	Revision	Code: 37021	Dwg. No.: 24852-RD-JDD-J07-J0001
					Rev.: A