

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3307---						
	4	Service			APB-133 Ln 1 Input Conveyor						
	5	Room number	P&ID		APB-133		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						
	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	Fixed-30 frame/s			
	31	Window washer/wiper	No			65	Nominal power	Load	24 V(ac) *	*	
	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			69	Pan rotation positive	Neg	deg	deg	
	36	Sun shield	No			70	Pan speed	*			
OPTICS	37	View format/type	zoom			MECHANISM	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	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	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	* 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 10X			86	Shutter speed low	High	*	*		
AUXILIARY LIGHTING	53	Lens window material	*			PURCHASE	87	MR No.	Item No.	24852-MRA-EECO-J0001	4.20
	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				Sheet 1 of 2	
No	By	Chk	Appr	Date	Description	Code: 37021 DS No:24852-RD-JDD-J07-J0307				Rev: A	

Tag number : EE-J07 -XT 3307---

- 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-J0307	Rev.: A