

GENERAL	1	Job No		24852																																			
	2	Project Name		PCAPP																																			
	3	Tag number		EE-J07 -XT 3370---																																			
	4	Service		APB 115, East End, covers North East Vest (APB 110)																																			
	5	Room number	P&ID	APB 115	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	yes	5 years																																		
	10	Cable harness	Connection box																																				
LOCATION	11	Drawing	Mounting detail	24582-RD-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	85																																	
	18	Relative humidity		%	25	85																																	
	19	Illumination level		LUX	4	2000																																	
	20	Wind Velocity			na/	n/a																																	
	21	Chemical Contaminants		None																																			
	22	Lighting type	Vibration	Later																																			
HOUSING	23	Housing type	indoor, pressurized																																				
	24	Construction style	*																																				
	25	Purge connections	*																																				
	26	Enclosure protection	NEMA 4X																																				
	27	Mounting type	Later																																				
	28	Housing material	Stainless Steel																																				
	29	Composite cable connect.	*																																				
	30	Purge/Cooling connect.	n/a																																				
	31	Window washer/wiper	no																																				
	32	Cooling Media/Rate	na																																				
	33	Heater power	Load	na																																			
	34	Blower power	Load	na																																			
	35	Thermostat	no																																				
	36	Sun shield	no																																				
OPTICS	37	View format/type	zoom																																				
	38	Imager type	Size	CCD	1/2"																																		
	39	Lens optical format	1/2 "																																				
	40	Aperature control	auto w/remote override																																				
	41	Aperature range (f-stop)	*																																				
	42	Shutter speed control	Automatic																																				
	43	Lens mounting type	*																																				
	44	Focus control	auto w/remote override																																				
	45	Focal length wide	Narrow	*																																			
	46	Field Range	Depth	*																																			
	47	Field Height	Width	*																																			
	48	View angle	*																																				
	49	FOV wide angle	Narrow	*																																			
	50	Optical filters	*																																				
	51	Zoom control	remote																																				
	52	Zoom magnification	0.6X to 10X																																				
	53	Lens window material	*																																				
	AUXILIARY LIGHTING	54	Lighting type	*																																			
55		Lighting control	*																																				
56		Nominal Power	Load	*																																			
CAMERA MODULE	57	Video type	color																																				
	58	Color output style	composite																																				
	59	Analog video format	NTSC																																				
	60	Video output signal	1 V p-p																																				
	61	Digital communication	RS 422																																				
	62	Synchronization source	*																																				
	63	Signal termination type	BNC receptacle*																																				
	64	Frame rate control	n/a																																				
	65	Nominal power	Load	*	60w																																		
	66	Cert/Approv. type	Identifier	*	Yes																																		
	67	Field Enclosure No.																																					
	POSITIONING MECHANISM	68	Pan/Tilt control	remote																																			
		69	Pan rotation positive	Neg																																			
		70	Pan speed	0.1 - 40 °/s																																			
71		Tilt rotation up	Down																																				
72		Tilt speed	0.1-30 °/s																																				
73		Nominal power	Load		10w																																		
PERFORMANCE	74	Signal termination type	quick-release connector																																				
	75	Max torque output	*																																				
	76	Limit Switches	Brake	yes	yes																																		
	77	Min working temp	Max	65 °F	85 °F																																		
	78	Shock rating																																					
	79	Horizontal resolution	470 TVL																																				
	80	Signal impedance	75 Ohm																																				
	81	Min signal-to-noise ratio	48 dB																																				
	82	Min light sensitivity	4 Lux																																				
	83	Overall geometric dist	*																																				
	84	Max reqd cooling flow	n/a																																				
	85	Max frame rate	30 frames/s																																				
	86	Shutter speed low	High	*	*																																		
	PURCHASE	87	MR No.	Item No.																																			
See notes	* Seller to complete or verify information.																																						
	See notes																																						
91	Component type	Manufacturer			Model number																																		
92	Camera & Positioner	*			*																																		
93	Lens	*			*																																		
94	Housing	*			*																																		
<table border="1"> <tr> <td colspan="4"></td> <td colspan="2">INSTRUMENT DATA SHEET</td> <td colspan="2">Bechtel Pueblo Team</td> </tr> <tr> <td colspan="4"></td> <td colspan="2">CCTV Camera</td> <td colspan="2"></td> </tr> <tr> <td>A</td> <td>By</td> <td>Chk</td> <td>Appr</td> <td>Date</td> <td>Issued for Use</td> <td>Quality Level: Non-Q</td> <td>Sheet 1 of 2</td> </tr> <tr> <td>No</td> <td>By</td> <td>Chk</td> <td>Appr</td> <td>Date</td> <td>Description</td> <td>Code: 37021 DS No:24852-RD-JDD-J07-J0370</td> <td>Rev: A</td> </tr> </table>												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-J0370	Rev: A
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Tag number : EE-J07 -XT 3370---

- 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	6/2/06	5/2/06	Issued for Use		Sheet 2 of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0370
					Rev.: A