

GENERAL	1	Job No		24852																																																											
	2	Project Name		PCAPP																																																											
	3	Tag number		EE-J07 -XT 3304---																																																											
	4	Service		APB-133 MTU Room Oven 2 unloading Zoom only																																																											
	5	Room number	P&ID	APB-133		n/a																																																									
	6	Hazardous area class	Ignition temp ident number	Non-classified																																																											
	7	Agent Contamination Category		C																																																											
	8	Ambient temperature Min	Max	65		104																																																									
	9	Camera/Positioner mounts	Design Life	*		5 Yr																																																									
	10	Cable harness	Connection box	Yes																																																											
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	104																																																									
	18	Relative humidity		%	5	85																																																									
	19	Illumination level		lux	4	4000																																																									
	20	Wind Velocity			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	*		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.	*		64		Frame rate control	n/a																																																							
31		Window washer/wiper	no		65	Nominal power	Load	*	60w																																																						
32		Cooling Media/Rate	*		66	Cert/Approv. type	Identifier	*																																																							
33		Heater power	Load	n/a	67	Field Enclosure No.																																																									
34		Blower power	Load	*	POSITIONING MECHANISM	68	Pan/Tilt control	remote																																																							
35		Thermostat	no			69	Pan rotation positive	Neg	+180 °	-180 °																																																					
36		Sun shield	no			70	Pan speed	0.1 - 40 °/s																																																							
OPTICS		37	View format/type	zoom		71	Tilt rotation up	Down	+40	-180																																																					
		38	Imager type	Size		CCD	1/2"	72	Tilt speed	0.1-30 °/s																																																					
	39	Lens optical format	1/2 "			73	Nominal power	Load																																																							
	40	Aperature control	auto w/remote override			74	Signal termination type	n/a																																																							
	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 w/remote override		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			82	Min light sensitivity	4 Lux																																																								
	49	FOV wide angle	Narrow		83	Overall geometric dist																																																									
	50	Optical filters	IR		84	Max reqd cooling flow	.5 gpm																																																								
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	sapphire		PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001	4.01																																																					
	54	Lighting type	n/a		* 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		*		*																																																										
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- 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-J0304
					Rev.: A