

GENERAL	1	Job No		24852																								
	2	Project Name		PCAPP																								
	3	Tag number		EE-J07 -XT 3338---																								
	4	Service		APB-120 Toxic Area A - West Wall Upper Level																								
	5	Room number	P&ID	APB 120	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	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-J0024 *																								
	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	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	Induction Type																								
	HOUSING	23	Housing type	Indoor pressureized																								
		24	Construction style																									
25		Purge connections	N/A																									
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	N/A																									
OPTICS	33	Heater power	Load	N/A	N/A																							
	34	Blower power	Load	N/A	N/A																							
	35	Thermostat	No																									
	36	Sun shield	No																									
	37	View format/type	zoom																									
	38	Imager type	Size	CCD	1/2"																							
	39	Lens optical format	1/2 " *																									
	40	Aperature control	auto & rem/manual																									
	41	Aperature range (f-stop)	*																									
	42	Shutter speed control	Automatic																									
AUXILIARY LIGHTING	43	Lens mounting type	*																									
	44	Focus control	auto & rem/manual																									
	45	Focal length wide	Narrow	*	*																							
	46	Field Range	Depth																									
	47	Field Height	Width																									
	48	View angle	* deg																									
	49	FOV wide angle	Narrow	* deg	* deg																							
	50	Optical filters	*																									
	51	Zoom control	remote																									
	52	Zoom magnification	0.6X to 10X																									
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	*	Required																							
POSITIONING MECHANISM	67	Field Enclosure No.																										
	68	Pan/Tilt control	remote																									
	69	Pan rotation positive	Neg	deg	deg																							
	70	Pan speed	*																									
	71	Tilt rotation up	Down	deg																								
	72	Tilt speed	*																									
	73	Nominal power	Load		60w																							
	74	Signal termination type	quick-release connector																									
	75	Max torque output	*																									
	76	Limit Switches	Brake	Yes	Yes																							
PERFORMANCE	77	Min working temp	Max	65 °F	85 °F																							
	78	Shock rating	* g's																									
	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 N/A																									
	85	Max frame rate	30 frames/s																									
	86	Shutter speed low	High	*	*																							
PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001	4.35																							
	* Seller to complete or verify information. See notes																											
91	Component type		Manufacturer		Model number																							
	Camera & Positioner		*		*																							
	Lens		*		*																							
	Housing		*		*																							
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Quality Level: Non-Q Code: 37021 DS No:24852-RD-JDD-J07-J0338 Rev: A																												

- 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-J0338	Rev.: A	