

GENERAL	1	Job No		24852															
	2	Project Name		PCAPP															
	3	Tag number		EE-J07 -XT 3350---															
	4	Service		APB-127 Toxic Maintenance Area B - SE Corner															
	5	Room number	P&ID	APB 127	n/a														
	6	Hazardous area class	Ignition temp ident number	Non-classified	N/A														
	7	Agent Contamination Category		B															
	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																	
	16	Design pressure	Units	Minimum	Maximum														
	17	Design temperature	inHg-a	28	32														
	18	Relative humidity	%F	65	85														
	19	Illumination level	%	5	85														
	20	Wind Velocity	LUX	4	2000														
	21	Chemical Contaminants	N/A	N/A	N/A														
	22	Lighting type	Vibration	Agent															
	23	Housing type	Indoor pressurized	LATER															
	HOUSING	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																
33		Heater power	Load	N/A	N/A														
OPTICS	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																
	43	Lens mounting type	*																
AUXILIARY LIGHTING	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														
	50	Optical filters	*																
	51	Zoom control	remote																
	52	Zoom magnification	0.6X to 10X																
	53	Lens window material	*																
CAMERA MODULE	54	Lighting type	*																
	55	Lighting control	*																
	56	Nominal Power	Load	*	*														
	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																
POSITIONING MECHANISM	64	Frame rate control	N/A																
	65	Nominal power	Load	*	60w														
	66	Cert/Approv. type	Identifier	*	Required														
	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														
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	*	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	*	%															
PURCHASE	84	Max reqd cooling flow	N/A	N/A															
	85	Max frame rate	30	frames/s															
	86	Shutter speed low	High	*	*														
	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																
92	Camera & Positioner	*	*																
93	Lens	*	*																
94	Housing	*	*																
<table border="1"> <tr> <td colspan="5">INSTRUMENT DATA SHEET</td> </tr> <tr> <td colspan="5">CCTV Camera</td> </tr> <tr> <td colspan="5">Bechtel Pueblo Team</td> </tr> </table>					INSTRUMENT DATA SHEET					CCTV Camera					Bechtel Pueblo Team				
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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-J03350	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	5/6/06	Issued for Use			Sheet 2 of 2	
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J03350		Rev.: A