

GENERAL	1	Job No			24852																								
	2	Project Name			PCAPP																								
	3	Tag number			EE-J07 -XT 3372---																								
	4	Service			APB 102 MAV Vest - Main munitions entry point																								
	5	Room number	P&ID	APB 102	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																										
PERFORMANCE	72	Tilt speed	0.1-30 °/s																										
	73	Nominal power	Load		10w																								
	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.																										
* 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"></td> <td colspan="2">INSTRUMENT DATA SHEET</td> <td rowspan="3">Bechtel Pueblo Team</td> </tr> <tr> <td colspan="5"></td> <td colspan="2">CCTV Camera</td> </tr> <tr> <td colspan="5"></td> <td colspan="2"></td> </tr> </table>													INSTRUMENT DATA SHEET		Bechtel Pueblo Team						CCTV Camera								
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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-J0372	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	gsc	5/4/06	Issued for Use		Sheet 2 of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0372
					Rev.: A