

GENERAL	1	Job No			24852						
	2	Project Name			PCAPP						
	3	Tag number			EE-J07 -XT 3305---						
	4	Service			APB-125 Munitions Washout System Room						
	5	Room number	P&ID	APB 125		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		104					
	9	Camera/Positioner mounts	Design Life	Yes		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			inH2O-g						
	17	Design temperature			°F	65	95				
	18	Relative humidity			%	25	85				
	19	Illumination level			Lux	4	4000				
	20	Wind Velocity				N/A	N/A				
	21	Chemical Contaminants			YES						
	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	*		
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		
37	View format/type	zoom			71		Tilt rotation up	Down	+40 ° -90		
OPTICS	38	Imager type	Size	CCD	1/2"	PERFORMANCE	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	quick-release connector		
	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-EECO-J0001 4.01	
	54	Lighting type	N/A			* Seller to complete or verify information. See notes					
	55	Lighting control									
	56	Nominal Power	Load	*							
91	Component type		Manufacturer			Model number					
92	Camera & Positioner		*			*					
93	Lens		*			*					
94	Housing		*			*					
					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-J0305			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-J0305
					Rev.: A