

GENERAL	1	Job No		24852						
	2	Project Name		PCAPP						
	3	Tag number		EE-J07 -XT 3360---						
	4	Service		APB-116 Gasoff Treatment Room, South Wall, Lower						
	5	Room number	P&ID	APB 116		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	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	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		%	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 pressurized		CAMERA MODULE	57	Video type	color		
	24	Construction style				58	Color output style	composite		
	25	Purge connections	N/A			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.	N/A			64	Frame rate control	N/A		
	31	Window washer/wiper	No			65	Nominal power	Load		60w
	32	Cooling Media/Rate	N/A			66	Cert/Approv. type	Identifier	*	Required
	33	Heater power	Load	N/A	N/A	67	Field Enclosure No.			
	34	Blower power	Load	N/A	N/A	POSITIONING MECHANISM	68	Pan/Tilt control	remote	
	35	Thermostat	No		69		Pan rotation positive	Neg	deg	deg
	36	Sun shield	No		70		Pan speed	*		
37	View format/type	zoom		71	Tilt rotation up		Down	deg		
OPTICS	38	Imager type	Size	CCD	1/2"	PERFORMANCE	72	Tilt speed	*	
	39	Lens optical format	1/2 " *		73		Nominal power	Load		60w
	40	Aperature control	auto & rem/manual		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	85 °F
	44	Focus control	auto & rem/manual		78		Shock rating	*		
	45	Focal length wide	Narrow	*	*		79	Horizontal resolution	470 TVL	
	46	Field Range	Depth				80	Signal impedance	75 Ohm	
	47	View Height	Width				81	Min signal-to-noise ratio	48	dB
	48	View angle	*		deg	82	Min light sensitivity	4	Lux	
	49	FOV wide angle	Narrow	*	deg	*	deg			
	50	Optical filters	*		83	Overall geometric dist	*			
	51	Zoom control	remote		84	Max reqd cooling flow	N/A		N/A	
52	Zoom magnification	0.6X to 10X		85	Max frame rate	30		frames/s		
53	Lens window material	*		PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001	4.35	
AUXILIARY LIGHTING	54	Lighting type	*		* 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		*		*					
				INSTRUMENT DATA SHEET				Bechtel Pueblo Team		
				CCTV Camera						
A	By	Chk	Appr	Date	Issued for Use				Sheet 1 of 2	
No	By	Chk	Appr	Date	Description				Rev: A	
				Quality Level: Non-Q				Code: 37021 DS No:24852-RD-JDD-J07-J0360		

- 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-J0360	Rev.: A