

GENERAL	1	Job No			24852															
	2	Project Name			PCAPP															
	3	Tag number			EE-J07 -XT 3218---															
	4	Service			ERB Room 112 ERC3 - Mobile Camera															
	5	Room number	P&ID	ERB 112		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-J0023		n/a														
	12	Mechanical interface	Mechanical interface ID no	n/a		n/a														
	13	Electrical interface	Electrical interface ID no	*		n/a														
	14	Elevation	Column number	Gridline	Facing	n/a														
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																	
33		Heater power	Load	N/A	N/A															
34		Blower power	Load	N/A	N/A															
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 & rem/manual																	
	41	Aperature range (f-stop)	*																	
	42	Shutter speed control	Automatic																	
	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																	
	53	Lens window material	*																	
	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	local																	
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	*																	
	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	120 frames/s																	
	86	Shutter speed low	High	*	*															
PURCHASE	87	MR No.	Item No.	24852-MRA-EEC0-J0001		3.01														
	54	Lighting type	*																	
	55	Lighting control	*																	
	56	Nominal Power	Load	*	*															
AUXILIARY LIGHTING	91	Component type	Manufacturer			Model number														
	92	Camera & Positioner	*			*														
	93	Lens	*			*														
	94	Housing	*			*														
<div style="display: flex; justify-content: space-between;"> <div> <table border="1"> <tr><td>A</td><td>By</td><td>Chk</td><td>Appr</td><td>Date</td><td>Description</td></tr> <tr><td></td><td></td><td></td><td></td><td>5/2/06</td><td>Issued for Use</td></tr> </table> </div> <div> <b>INSTRUMENT DATA SHEET</b> CCTV Camera         </div> <div> <b>Bechtel Pueblo Team</b> Sheet 1 of 2         </div> </div>									A	By	Chk	Appr	Date	Description					5/2/06	Issued for Use
A	By	Chk	Appr	Date	Description															
				5/2/06	Issued for Use															
Code: 37021					DS No:24852-RD-JDD-J07-J0218			Rev: A												

Tag number : EE-J07 -XT 3218---

- 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
- 4) Mounted on wheeled dolly with jib arm, per the specificaitons

				INSTRUMENT SPECIFICATION  CCTV Camera	Bechtel Pueblo Team
A	GR	5/2/06	Issued for Use		Sheet 2 of 2
No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0218
					Rev.: A