

GENERAL	1	Job No		24852																									
	2	Project Name		PCAPP																									
	3	Tag number		EE-J07 -XT 3356---																									
	4	Service		APB-122 Hydrostate Tank Room, South Wall, Lower																									
	5	Room number	P&ID	APB 122	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	LATER																									
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	*																										
	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	*	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	quick-release connector																										
	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	30 frames/s																										
	86	Shutter speed low	High	*	*																								
PURCHASE	87	MR No.	Item No.	24852-MRA-EECO-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"></td> <td rowspan="4">INSTRUMENT DATA SHEET CCTV Camera</td> <td rowspan="4">Bechtel Pueblo Team</td> </tr> <tr> <td colspan="5"></td> </tr> <tr> <td colspan="5"></td> </tr> <tr> <td colspan="5"></td> </tr> </table>													INSTRUMENT DATA SHEET CCTV Camera	Bechtel Pueblo Team															
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A	26	SM	-	5/2/06	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-J0356	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	<b>Bechtel Pueblo Team</b>	
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No.	By	Date	Revision	Code:37021	Dwg. No.: 24852-RD-JDD-J07-J0356	Rev.: A