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|---|--|------------------------------|----------------------------|---------------------------------------|----------------|--|--------------|--|
| GENERAL | 1 | Job No | | 24852 | | | | |
| | 2 | Project Name | | PCAPP | | | | |
| | 3 | Tag number | | EE-J07 -XT 3327--- | | | | |
| | 4 | Service | | APB-114 Munitions Receiving NE Corner | | | | |
| | 5 | Room number | P&ID | APB-114 | 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 | * | | * | | |
| | 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 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 | | | | | | |
| | AUXILIARY LIGHTING | 51 | Zoom control | remote | | | | |
| | | 52 | Zoom magnification | 0.6X to 10X | | | | |
| 53 | | Lens window material | * | | | | | |
| 54 | | Lighting type | * | | | | | |
| 55 | | Lighting control | * | | | | | |
| 56 | | Nominal Power | Load | * | * | | | |
| 57 | | Video type | color | | | | | |
| 58 | | Color output style | composite | | | | | |
| 59 | | Analog video format | NTSC | | | | | |
| 60 | | Video output signal | 1 V p-p | | | | | |
| CAMERA MODULE | 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 | | | |
| | 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 | * | | | | | |
| | POSITIONING MECHANISM | 76 | Limit Switches | Brake | Yes | Yes | | |
| 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 | | | | | |
| PERFORMANCE | 86 | Shutter speed low | High | * | * | | | |
| | 87 | MR No. | Item No. | 24852-MRA-EECO-J0001 | 4.01 | | | |
| PURCHASE | * Seller to complete or verify information. See notes | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 91 | Component type | Manufacturer | | Model number | | | | |
| 92 | Camera & Positioner | * | | * | | | | |
| 93 | Lens | * | | * | | | | |
| 94 | Housing | * | | * | | | | |
| <div style="display: flex; justify-content: space-between;"> <div> <p>INSTRUMENT DATA SHEET</p> <p>CCTV Camera</p> </div> <div> <p>Bechtel Pueblo Team</p> </div> </div> | | | | | | | | |
| 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-J0327 | Rev: A | |

Tag number : EE-J07 -XT 3327---

- 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 | |
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| | | | | | | | |
| A | GC | 5/2/06 | Issued for Use | | | Sheet 2 | of 2 |
| No. | By | Date | Revision | Code:37021 | Dwg. No.: 24852-RD-JDD-J07-J0327 | Rev.: A | |