



Tessler NR:

569-DB07-AIC-360-003

CLIENT NR:

PRD-AIC-LIS-041

CLIENT: TAKEDA/BAXALTA

PROJECT / AREA: BURITI EPCMV PROJECT

BASIC DESIGN

BILL OF MATERIAL CCTV

1	28JAN2022	ISSUED FOR CONSTRUCTION CONSIDERING COMMENTS	MAV	MAF	RSP
0	13OCT2021	ISSUED FOR CONSTRUCTION	MAB	MAF	RSP
A	20JUN2021	90% BD ISSUE	MAB	MAF	RSP
REV	DATE	DESCRIPTION	EXEC.	CHECK	APPROV.

Tessler NR **569-DB07-AIC-360-003**CLIENT NR: **PRD-AIC-LIS-041**

TITLE:

BILL OF MATERIAL CCTV

SHEET:

2 de 6

REV.:

1**NOTAS:**





- 1) The current Bill of Material covers the necessary requirements for the Security CCTV system of the BURITI Project.
- 2) The construction concepts detailed hereof consider the labor and materials to properly execute the design and design intent detailed in the drawings and specifications as delivered.
- 3) This list is delivered like an illustrative form for the principal activities that are required. The Contractor is responsible to comply with the specified design and design intent.
- 4) The Contractor is responsible to supervise and report in the delivered document if anomalies exist or any extra materials are required and their quantities.
- 5) The brands and specifications for the materials and equipment will not be changed nor modified unless it is approved in written by the Takeda/Baxalta; therefore the Contractor must consider lead times on the materials and equipment.
- 6) The Contractor is responsible for the means and methods required to comply with the design and design intent. The execution of the work must comply with country and Hemobrás safety regulations.
- 7) The Contractor must consider the quoting of all materials, miscellaneous, and consumables like screws, anchors, connection caps, lubricants, insulating tape, and any other material to complete the work according to the design and design intent.
- 8) The Contractor will be responsible for the order and cleaning of all construction and storage areas, removing as well any excess materials and trash generated during the working period.
- 9) IPS/Tessler does not assume any responsibility for the construction quantities that the Contractor states thereof; it is the responsibility of the Contractor to consider the proper quantities based on the design and design intent.
- 10) Failure to identify discrepancies or omissions immediately shall be understood to indicate the Contractor's acceptance and full compliance with the design and design intent.
- 11) Takeda/Baxalta, Takeda/Baxalta's Representative and Architect/Engineer of Record will not consider, for any purpose, any claim of the bidder for any error or omission in the bid.
- 12) Assembly and installation accessories see material list number:
PRD-AIC-LIS-039 - BILL OF MATERIALS - VOIP&DATA





REVISION 0 NOTES





1. REVIEW IN QUANTITIES





REVISION 1 NOTES

1. ADDED ITEMS 22, 23 AND 24.

 			 		
Tessler NR 569-DB07-AIC-360-003			CLIENT NR: PRD-AIC-LIS-041		
TITLE:					SHEET: 3 de 6
BILL OF MATERIAL CCTV					REV.: 1
ID	DESCRIPTION	UNIT	QTY		
BUILDING 7A / 7B					
CCTV					
1	EQUIPAMENT: IR NETWORK SPEED DOME CAMERA (LIGHTING POLE) TYPE: WITH HORIZONTAL, TILT AND ZOOM CAPACITY: UP 1080P, PAL, (RESOLUTION) DIMENSIONS: Ø 208 mm × 345 mm MATERIAL: ADC 12, (Aluminum Alloy 383) ACESSORY: Accessory : DS-1604ZJ-Box-Pole Vertical Pole Mount with Junction Box; IP66; 24 VAC, 2.2 A, 50/60 Hz and Hi-PoE MANUFACTURER: HIKVISION MODEL: DS.2DE52321W-AE (E) TAG EQUIP: CCTV-B07-01	Pc	1		
2	EQUIPAMENT: IR FIXED DOME NETWORK CAMERA TYPE: FIXED CAPACITY: 1080p (2 MP), PAL (RESOLUTION) DIMENSIONS: Camera: Ø 111 × 82.4 mm, Package: 134 × 134 × 108 mm MATERIAL: Camera body: metal, bubble: plastic REMARKS: Hikvision White, PoE (802.3af, 36 V to 57 V, class 3), 6.5 W, IP67, IK10 TAG EQUIP: SEE DOC PRD-AIC-LIS-023 MANUFACTURER: HIKVISION MODEL: DS-2CD2125FWD	Pc	30		

 		 			
Tessler NR 569-DB07-AIC-360-003		CLIENT NR: PRD-AIC-LIS-041			
TITLE:					SHEET: 4 de 6
BILL OF MATERIAL CCTV					REV.: 1
ID	DESCRIPTION	UNIT	QTY		
3	EQUIPAMENT: IR FIXED DOME NETWORK CAMERA TYPE: FIXED CAPACITY: 1080p (2 MP), PAL (RESOLUTION) DIMENSION: Camera: Φ 111 x 82.4 mm, Package: 134 x 134 x 108 mm MATERIAL: Camera body: metal, bubble: plastic REMARKS: Hikvision White, PoE (802.3af, 36 V to 57 V, class 3), 6.5 W, IP67, IK10 MANUFACTURER: HIKVISION MODEL: DS-2CD2125FWD TAG EQUIP: TAG EQUIP: SEE DOC PRD-AIC-LIS-023	Pc	19		
4	EQUIPMENT: SERVER/RECORDER TYPE: NETWORK VIDEO TYPE: FIXED CAPACITY: 8 TB HARD DISC DRIVE DIMENSION: 385 x 315 x 52 mm 1u chassis MATERIAL: Equipment body: metal REMARKS: AcuSense Series NVR; Remote connections: 128; Power supply 100 to 240 VAC, 50 to 60 Hz MANUFACTURER: HIKVISION MODEL: DS-7816NXI-I2/S TAG EQUIP: B07-NVR-001	Pc	1		

 			 		
Tessler NR 569-DB07-AIC-360-003			CLIENT NR: PRD-AIC-LIS-041		
TITLE:					SHEET: 5 de 6
BILL OF MATERIAL CCTV					REV.: 1
ID	DESCRIPTION	UNIT	QTY		
5	EQUIPMENT: IR FIXED BULLET NETWORK CAMERA TYPE: FIXED CAPACITY: 1080p (2 MP), PAL (RESOLUTION) DIMENSION: Camera: Φ 111 × 82.4 mm, Package: 134 × 134 × 108 mm MATERIAL: Camera body: metal, bubble: plastic REMARKS: Hikvision White, PoE (802.3af, 36 V to 57 V, class 3), 6.5 W, IP67, IK10 MANUFACTURER: HIKVISION MODEL: DS-2CD2125FWD TAG EQUIP: CCTV-C1002-01	Pc	1		
6	EQUIPMENT: IR FIXED BULLET NETWORK CAMERA TYPE: FIXED CAPACITY: 1080p (2 MP), PAL (RESOLUTION) DIMENSION: Camera: Φ 70 × 155.03mm; Package: 216 × 121 × 118 mm MATERIAL: Camera body: metal, bubble: plastic REMARKS: Hikvision White, PoE (802.3af, 36 V to 57 V, class 3), 6.5 W, IP67 MANUFACTURER: HIKVISION MODEL: DS-2CD2025FWD TAG EQUIP: SEE DOC PRD-AIC-LIS-023	Pc	1		
7	EQUIPMENT: IR FIXED BULLET NETWORK CAMERA TYPE: FIXED CAPACITY: 1080p (2 MP), PAL (RESOLUTION) DIMENSION: Camera: Φ 70 × 155.03mm; Package: 216 × 121 × 118 mm MATERIAL: Camera body: metal, bubble: plastic REMARKS: Hikvision White, PoE (802.3af, 36 V to 57 V, class 3), 6.5 W, IP67 MANUFACTURER: HIKVISION MODEL: DS-2CD2025FWD TAG EQUIP: SEE DOC PRD-AIC-LIS-023	Pc	1		
8	RACK MOUNT MEDIA CONVERTER CHASSIS • 14 COMPARTMENTS TO ACCOMMODATE UP TO 14 MEDIA CONVERTERS * • STANDARD 19-INCH RACK-MOUNTABLE 2U HEIGHT • UNINTERRUPTED OPERATION AND MINIMAL DOWNTIME • ALLOWS HOT SWAPPING OF MEDIA CONVERTERS • REDUNDANT HOT-SWAP POWER SUPPLIES • REVERSE COOLING FANS (ALONG WITH POWER SUPPLIES) • SECOND AC TO DC POWER SUPPLY FOR LOAD SHARING PURPOSES (OPTIONAL) • MEDIA CONVERTER POWER ISOLATION FOR ELECTRICAL ISOLATION OF EACH COMPARTMENT • PROVIDES OVERVOLTAGE AND OVERCURRENT PROTECTIONS • INDEPENDENT POWER SUPPLY • PROTECTION AGAINST CURRENT AND VOLTAGE FAILURE • DIMENSIONS: 18.98 X 14.09 X 3.38 IN (482 X 358 X 86 MM) • WEIGHT: 8 KG • POWER SUPPLY: 100-240VAC, 50-60HZ, 3A MAX • OPERATING TEMPERATURE: 32° TO 104°F (0° TO 40°C) • NON-CONDENSING RELATIVE HUMIDITY 10-90% TAG EQUIP: RU-A1031-A, RU-A3002-A, RU-B1012-A, RU-B3010-A	Pc	4		

 			 		
Tessler NR 569-DB07-AIC-360-003			CLIENT NR: PRD-AIC-LIS-041		
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BILL OF MATERIAL CCTV					REV.: 1
ID	DESCRIPTION	UNIT	QTY		
9	GALVANIZED STEEL CONDUIT, WITH MALE THREAD NPT TYPE ENDS NOMINAL DIAMETER OF 25MM (3/4"), IN SECTIONS OF 3 METERS,	SECTION	145		
10	90° CURVE IN APPARENT GALVANIZED IRON Ø3/4"	Pc	50		
12	CONDUIT CONICAL BOX TERMINAL Ø3/4"	Pc	60		
13	CONDUIT CONICAL BOX "LL" Ø3/4" WITH FRONT ACCESS TO MIRROR	Pc	60		
14	FLEXIBLE METAL DUCT Ø 3/4" WITHOUT PVC COVER	M	62		
15	CABLE UTP-4 COUPLE 100OHMS CATEGORY 6	M	3600		
16	STEEL SUPORT FOR FIXING THE CAMERA WIYH HORIZONTAL AND 90° VERTICAL 360° MOVEMENT	Pc	60		
17	CONDUIT CONNECTOR PLATE Ø3/4"	Pc	80		
18	RAWLPLUG NYLON HEX NUT Ø3/8" WITH HEX SCREW	Pc	220		
19	HEX NUT FLAT ROUND WASHER Ø 3/8"	Pc	400		
20	CLAMP TYPE "D" IRON STEEL GALVANIZED Ø3/4" WITH HEX BOLT AND FLAT WASHER	Pc	80		
21	THREADED ROAD (Ø 3/8") 10mm X 3000mm LENGHT	SECTION	40		
22	WORKSTATION ACCORDING TO ITEMS 8.3.5, 8.3.6 FROM DOCUMENT PRD-AIC-TSP-017_SECURITY CCTV SYSTEM	Pc	1		
23	SOFTWARE DEVELOPMENT FOR CCTV SYSTEM	BUDGET	1		
24	POWER SUPPLY FOR EXTERNAL CAMERA 220VCA/24VCA	Pc	1		