# SCHEDULE 2- Annexure 1

| Sl.No | Item Description | UNIT | QTY |
|---|---|---|---|
| | **Technical Specification(Supply and installation of IP Based CCTV Surveillance system at HLL-CSEZ,Kakkanad)** | | |
| 1 | 2 MP Fixed Turret **Network Dome Camera(IP DOME Camera)**, Efficient H.265+ compression technology, Clear imaging against strong back light due to DWDR technology, EXIR 2.0: advanced infrared technology with long IR range. **Make: HikVision)** & 4X4 White Colour  PVC BOX for fixing Cameras | No. | 10 |
| 2 | 2 MP Fixed Turret **Network Bulet Camera (IP Buller Camera)**, Efficient H.265+ compression technology, Clear imaging against strong back light due to DWDR technology, EXIR 2.0: advanced infrared technology with long IR range. **(Make: HikVision)** & 4X4 White Colour  PVC BOX for fixing Cameras | No. | 5 |
| 3 | 32-ch 1U K Series AcuSense 4K NVR, Up to 32-ch IP camera inputs, H.265+/H.265/H.264+/H.264 video formats, Up to 1-ch@12 MP or 2-ch@8 MP or 4-ch@4 MP or 8-ch@1080p decoding capacity, Up to 256 Mbps incoming bandwidth. **(Make: HikVision)** | No. | 1 |
| 4 | 24 Port Gigabit Unmanaged POE Switch 24  × Gigabit PoE ports, 2 × Gigabit SFP fiber optical ports, IEEE 802.3at/af standard, 6 KV surge protection for PoE ports. **(Make: HikVision)** | No. | 2 |
| 5 | **HDD :** Purple series 8TB SATA Surveillance Hard disk. **(Make: Western Digital)** | No. | 2 |
| 6 | **SFP:** (DN001GSMLCD040CCNSFP) DNC- 1.25 Gbps, Single Mode, LC, duplex Type, 20 Km Supporting, Tx-1310nm / Rx-1310nm , Normal SFP Module | No. | 4 |
| 7 | **WM Fibre  Patch panel:**  8 Fiber, SC Adaptor Simplex type, White color, ABS Material,IP55 Standard Wallmount Patch panel (without Adaptor and Pigtail ) (H-245, W-205, D-65) | No. | 2 |
| 8 | **Adaptor:** SC/PC-SC/PC, Single mode, Simplex, With Flange, Blue Color Adaptor | No. | 4 |
| 9 | **Pigtail:** SC/PC, Single Mode (9/125μm), Simplex, 900μm Blue cable, 1meter, LSZH Pigtail | No. | 4 |

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| 10 | **Patch Cord :** LC/PC-LC/PC, Single Mode(9/125µm), Simplex, Unarmoured, 2.8mm Yellow Cable, 3 Meter, LSZH Patch cord | No. | 4 |
| 11 | **9u Rack:** 9 U wall Mounting Rack, Metal Cable Manager - Black Fine Tex., Single Fan For WallMount  with required accessories like wall mounting hardware packet,fan , cable manager etc **(Make:  Valrack )** | No. | 1 |
| 13 | **LEGRAND** Power Distribution Unit - 06 Amp Universal - 04 Socket - Switch with Indicator - 06 Amp Fuse - 06 Amp 3 Pin Plug with Power Cable 0.75 sq.mm 1.5 meter Length - Black | No. | 1 |
| 16 | Cat 6 UTP **loaded 24 Port patch panel**. RJ 45 modules are suitable for 22 to 26 AWG solid wire terminations.             **(Make; ComScope)** | No. | 2 |
| 17 | Cat6 UTP **RJ45 Jack**, Suitable for 22-26 AWG, both stranded and solid wires. **(Make;ComScope)** | No. | 25 |
| 18 | Cat6 UTP 1 Mtr. **Patch cords** with 8P8C RJ 45 modular plugs at both sides.         **(Make; ComScope)** | No. | 15 |
| 21 | **OFC:** Supply of 6 Core, Single Mode (9/125um), 8mm, Unitube, CMP Jacket Type, Black Color OFC *(Approximate Quantity,Billing on actuals.)*        **(Make:  Comscope)** | Meter | 100 |
| 22 | **CAT6:** Supply of  CAT6 DATA Cable *(Approximate Quantity,Billing on actuals.)*    **(Make:  Comscope)** | Meter | 1525 |
| 23 | CAT6 Cable  & OFC  Laying Charges with Open white color PVC Conduiting through Wall/Floor/ Tray *(Approximate Quantity,Billing on actuals.)* | Meter | 1625 |
| 24 | Installation,Testing and Commissioning Charges of entire CCTV surveillance system | Lump | |