| JAYA CM | DATA TEKNIS PROYEK |
|------------------|--------------------|
| BIRO ENGINEERING | KAMPUS |

| NAMA | A PROYEK | : | KAMPUS 3 UNIKA ATMA | JAYA | | | |
|-------|-----------------|---|---------------------------|------------|--|--|--|
| PEMII | LIK | : | YAYASAN UNIKA ATMA JAYA | | | | |
| JENIS | S PROYEK | : | DORMITORY UNIKA ATMA JAYA | | | | |
| LOKA | SI | : | CISAUK BSD - TANGERANG | | | | |
| PERIO | DDE PELAKSANAAN | : | 2016 - 2017 | | | | |
| NO | DESKRIPSI | | KAMPUS UNIKA ATMAJAYA | KETERANGAN | | | |

| 4 | | ELEKTRIKAL | | |
|------------------------------------|---|------------|--------|------------|
| DATA DAYA UTAMA | | KAPASITAS | SATUAN | KETERANGAN |
| Besaran Daya Total | : | 37 | KVA | |
| Listrik Total untuk Penerangan | : | 16,76 | KVA | |
| Listrik Total untuk Stop Kontak | | 2,75 | KVA | |
| Listrik Total untuk Daya : | | | | |
| - VAC | : | 11,50 | KVA | |
| - Lift | : | N/A | KVA | |
| - Escalator | : | N/A | KVA | |
| - Pompa-pompa | : | 2,5 | KVA | |
| - Total | : | 33,5075 | KVA | |

| DATA KEBUTU | DATA KEBUTUHAN DAYA | | | | | | | | | | | |
|-----------------|-----------------------|---|---------|----------------|--------------|----------------|--------|------------|--|--|--|--|
| Lighting / Pene | Lighting / Penerangan | | MERK | TYPE | I II IMII AH | JUMLAH DAYA | SATUAN | KETERANGAN | | | | |
| | | : | METOSU | Downlight 11 W | 66 | 0,726 | KW | | | | | |
| Lampu Podium da | | : | METOSU | Lp Wastafel | 14 | 0,252 | KW | | | | | |
| Toilet | | : | METOSU | TL 1 x 36 TKO | 2 | 0,072 | KW | | | | | |
| | | : | METOSU | TL 2 x 36 W | 28 | 2,016 | KW | | | | | |
| | | : | METOSU | EXIT 20 W | 7 | 0,14 | KW | | | | | |
| | Penerangan Taman | : | METOSU | Spot 100 W | 6 | 0,6 | KW | | | | | |
| LAMPU LAPANGAN | N | : | PHILIPS | HPL 400 W | 24 | 9,6 | KW | | | | | |

| l JAY | JAYA CM | | | DATA TEKNIS PROYEK | | | | | | | |
|---|----------------|---|--------------------------|--------------------|----|------|----|--------------------------------------|--|--|--|
| BIRO EN | NGINEERING | | | KAMPUS | | | | | | | |
| Equipment Utama | 1 | | | | | | | Bila lebih dari 1 type rinci masing- | | | |
| Type & Merk Trafo | | : | By PLN | | | | | masing type dan jumlahnya | | | |
| Type & Merk Panel | | : | SIMETRI | INDOOR | | | | | | | |
| Type & Merk Kabel | | : | KABEL METAL INDONESIA | NYY, NYM, NYA | | | | | | | |
| Type & Merk BUS Duct | | : | N/A | | | | | | | | |
| Type & Merk Amature (Stop kontak /dll) | GOR | | Schneider Vivace | INBOW | 11 | 2400 | KW | | | | |
| ` ' ' | | | | | | | KW | | | | |
| Type & Merk CB | | | Schneider | | | | | | | | |

| | TELEPON, FA, CC | TV, DAO | MERK | TYPE | ILINAL ALL | CATHAN | KETERANGAN |
|------------------------------|-----------------|---------|------|------|------------|--------|---------------------------------|
| Equipment Utama SOUND SYSTEM | 1 | | WEKK | ITPE | JUNILAH | SATUAN | |
| SOUND STSTEM | <u> </u> | | | | | | |
| Sound System Player | | : | N/A | | | UNIT | |
| | Accoustic | | N/A | | | TITIK | |
| Speaker | Emergency | i. | N/A | | | ТІТІК | |
| | | | N/A | | | | |
| Telepon Line | | : | N/A | | | LINE | |
| PABX | CO | | N/A | | | TITIK | |
| PADA | EXTENSION | : | N/A | | | TITIK | |
| Intercom | | | N/A | | | UNIT | |
| KABEL | | | N/A | | | | |
| FIRE ALARM | | | | | | | Bila lebih dari 1 type |
| I III ALANW | | | | | | TITIK | masing-masing type jumlahnya |
| Smoke/Heat | | | | | | | jamamya |
| Detector | | : | N/A | | | | |
| | | | | | | TITIK | |
| Type & Merk Bell | | : | N/A | | | | |
| Panel Utama Alarm | | : | N/A | | | UNIT | |
| Kabel | | : | N/A | | | | |
| | | | | | | | |

| □ JAY | A CM | | DATA TEKNIS PROYEK | | | | | | |
|----------------------------|------------|--------|--------------------|--|-------|--|--|--|--|
| BIRO EI | NGINEERING | KAMPUS | | | | | | | |
| CCTV | | | N/A | | | | | | |
| CCTV | | : | N/A | | TITIK | | | | |
| CCTV | | : | N/A | | TITIK | | | | |
| KABEL | | | N/A | | | | | | |
| | | | | | | | | | |
| Building Automation | System | | | | | | | | |
| BAS | | | N/A | | POINT | | | | |

| PLUMBING | | | | | | | | | | |
|--------------------------|-----------|-----|-----------|------------------|--------|---------------|-----------|------|--------|----------------------------|
| EQUIPMENT UTAMA | | | MERK | TYPE | JUMLAH | KAPASIT AS | SATUAN | DAYA | SATUAN | KETERANGAN |
| Kapasitas Ground Res | servoir | : | N/A | | | | | | | |
| | | : | N/A | | | 6 | М3 | | | |
| Kanasitas Basarysir | | : | N/A | | | | | | | |
| Kapasitas Reservoir Atas | | : | N/A | | | | | | | |
| Aids | | : | N/A | | | | | | | |
| | | : | N/A | | | | | | | |
| Kapasitas RWT | | | N/A | | | | | | | |
| Kapasitas CWT | | | N/A | | | | | | | |
| Kapasitas WTP | | : - | N/A | | | | m3 / jam | | | |
| Pompa WTP | | | N/A | | | | m3 / jam | | KW | |
| Pompa Air Bersih | | | N/A | | | | | | | |
| Booster | | : | EBARA | VERTIKAL | | 180 | L/M | 1,2 | KW | |
| Jet Pump | | : | GROUNDFOS | JP BASIC | | 100 | L/M | 1,8 | KW | |
| | AB | : | WESTPEX | PPR PN10 | | | | | | |
| | AK | : | VINILON | UPVC 10K | | | | | | Bila lebih dari 1 type rin |
| | ABK | : | VINILON | UPVC 10K | | | | | | masing-masing type da |
| PIPA | ABD | : | | | | | | | | jumlahnya |
| | AH | : | VINILON | UPVC 10K | | | | | | |
| | RISER AB | : | | | | | | | | |
| | POMPA | | KITZ | GATE VALVE PN 16 | | | | | | |
| VALVE | INSTALASI | | KITZ | GATE VALVE PN 16 | | | | | | |
| | | | | | | | | | | |
| PRV | | | N/A | | | | | | | |
| | 1 | : | FIBERTECH | BIOTEK | 1 | 6 | M3 / Hari | | | |
| STP | | : | | | | | | | | |
| | | : | | | | | | | | |

| □ JAY | (A CM | | | | DATA TEKN | IS PROYE | ΞK | | |
|-----------------------|------------|---|------|------|-----------|---------------------|--------------|-------|------------------------------|
| BIRO E | NGINEERING | | | | KAN | IPUS | | | |
| Ukuran Grease Trap | | : | N | J/A | | | | | |
| Ukuran Sumpit | | : | N | J/A | | | | | |
| FIRE FIGHTING | | | | | | | | | |
| EQUIPMENT UTAN | IA | | MERK | TYPE | JUMLAH | KAPASIT AS (GPM) | DAYA (KW) | | KETERANGAN |
| | JOCKEY | : | N/A | | | | | | |
| Pompa Fire Fighting I | ELECTRIC | : | N/A | | | | | | |
| | DIESEL | : | N/A | | | | | | |
| Pompa Fire Fighting | JOCKEY | : | N/A | | | | | | |
| III | ELECTRIC | : | N/A | | | | | | |
| <u>"</u> | DIESEL | : | N/A | | | | | | |
| Kapasitas Fire Tank | I | | N/A | | | | М3 | | |
| - Tapaonao i no Tank | II | | N/A | | | | М3 | | |
| | | | N/A | | | | | | |
| | UNIT | : | N/A | | | | | Merah | |
| Springkler | PUBLIK | : | N/A | | | | | Merah | |
| | PARKIRAN | : | N/A | | | | | Merah | |
| BOX HIDRANT | | | N/A | | | | | | Bila lebih dari 1 type rinci |
| HYDRANT PILLAR | | | N/A | | | | | | masing-masing type dan |
| SEAMESE | | | N/A | | | | | | jumlahnya |
| I | 1 | | | | | | | | |

N/A

N/A N/A

N/A N/A

N/A

N/A

N/A

N/A

FF RISER

INSTALASI

SPF

FF SETELAH PRV

PIPA

VALVE

MCV

BCV

PRV

Fan



DATA TEKNIS PROYEK

| KAMPUS |
|--------|
| |

| 7 VENTILATION & AIR CONDITION | | | MERK | TYPE | JUMLAH | KAPASIT AS (Jumlah 1 Unit/ 1 Area) | SATUAN | DAYA | SATUAN | KETERANGAN |
|--|-------------|---|---------|-------|--------|--|--------|------|--------|------------------------------|
| Chiller | | : | N/A | - | - | - | TR | - | KW | |
| Kapasitas Pompa Chiller | | : | N/A | - | - | - | L/S | - | KW | |
| AHU/ FCU | | : | N/A | - | - | - | BTUH | - | KW | |
| Cooling Tower | | : | N/A | - | - | - | TR | - | KW | |
| AC Unit Total | Living Room | | N/A | | | | BTUH | | KW | |
| (ditulis tipe acnya, split, VRF, Atau FCU, AHU) | Bed Room | | N/A | | | | втин | | KW | Bila lebih dari 1 type rinci |
| AC Public Total | | | N/A | | | | BTUH | | KW | masing-masing type dan |
| | | | N/A | | | | | | | jumlahnya |
| REFRIGERANT | • | | N/A | | | | | | | |
| Fan | Lapangan | : | FANTECH | AXIAL | 5 | 12000 | CFM | 2,2 | KW | |
| Fall | TOILET | : | KRUGER | AXIAL | 1 | 300 | CFM | | | |
| | | | N/A | | | | | | | |
| PIPA | | | N/A | | | | | | | 1 |
| | | | N/A | | | | | | | |

| 8 ELEVATOR & ESCALATOR | | MERK | TYPE | JUMLAH | KAPASIT AS (KG) | KAPASIT AS (PERSON) | KECEPAT AN (MPM) | DAYA (KW) | KETERANGAN |
|--------------------------|-----|------|------|--------|--------------------|-------------------------------|---------------------|--------------|------------------------------|
| Low Zone Elevator | : | N/A | | | | | | | |
| | : | N/A | - | - | - | - | - | - | |
| High Zone Elevator | | N/A | - | - | - | - | - | - | |
| | : | N/A | - | - | - | - | - | - | |
| <u> </u> | : | N/A | - | - | - | - | - | - | |
| Service Lift | | N/A | - | - | - | - | - | - | |
| | • • | N/A | - | - | - | - | - | - | Bila lebih dari 1 type rinci |
| Escalator | • • | N/A | - | - | - | - | - | - | masing-masing type dan |
| Kemiringan Escalator | : | N/A | - | - | - | - | - | - | jumlahnya |
| Ketinggian Escalator | : | N/A | - | - | - | - | - | - | |
| Travelator | : | N/A | - | - | - | - | - | - | |
| Kemiringan Travelator | | N/A | - | - | - | - | - | - | |
| Ketinggian Travelator | : | N/A | - | - | - | - | - | - | |

| I JAYA CM | | DATA TEKNIS PROYEK | | | | | |
|------------------|---|--------------------|------|--------------|------------------------|--------------------|--|
| BIRO ENGINEERING | | KAMPUS | | | | | |
| 9 GEN SET | | MERK | TYPE | JUMLAH KAPAS | SIT Keterang (A) an | | Bila lebih dari 1 type rinci masing-masing |
| TIDAK ADA | : | N/A | | | | type dan jumlahnya | type dan jumlannya |