



## CV KURNIAWAN CEMERLANG PRIMA

Surabaya, 5 Oktober 2020

No. : 002/MKT/LE/P-TBU/KCP/X/21  
Hal : Penawaran Harga Pengadaan Cubicle

Kepada Yth,  
**PT. CIPTA ASET DIGITAL**  
**KAWASAN INDUSTRI BLESSINDO BLOK E NO. 9**  
**LEGOK - TANGERANG**

Up. Eko Wibowo

Dengan hormat,

Terima kasih atas kesempatan yang diberikan kepada kami **CV KURNIAWAN CEMERLANG PRIMA** untuk memberikan penawaran harga, dengan perincian sbb:

| No                         | Keterangan  | Merk   | Volume | Harga       | Jumlah      |
|----------------------------|---|--------|--------|-------------|-------------|
| <b>POWERHOUSE GEDUNG 1</b> |   |        |        |             |             |
| 1                          | <b>Cubicle Incoming HMM24-14 (IN PLN)</b> <ul style="list-style-type: none"><li>- Incoming Switchgear with Circuit Breaker c/w CT + VT ; HMM24-14</li><li>- 24kV 1250A 16kA SF6 Load break Switch</li><li>- 1 lot Electrolytic Copper Bar set / Main Bus 1250A &amp; Feeder-630A</li><li>- 24kV 1250kA Vacuum Circuit Breaker, Fixed type (Motorize Operation - 48VD)</li><li>- 1 set Earthing Switch HMM24-04</li><li>- 3 ea CT 1000/5A/5A, Class : 0.5-5P10, Burden : As per manufacture standard</li><li>- 3 ea VT 20/V3 kV / 110/V3, Class 0.5-3P, 25-25VA</li><li>- 1 EA Digital Power Multimeter (ACUVIM II / SOCOMEC)</li><li>- 1 ea Numerical OC/EF Protection Relay : Siemens SR710</li><li>- 1 ea CTT Test Plug (Brand : Yong Sung)</li><li>- 1 ea VTT Test Plug (Brand : Yong Sung)</li><li>- 1 ea power supply switching 100-220 VAC / 48VDC</li><li>- 1 lot Cable Terminal unit</li><li>- 1 ea anti condensation heater</li><li>- 1 set Capacitive Insulator</li><li>- 1 ea Capacitive Voltage Indicator</li><li>- Indoor type IAC:A-FL LSC2A-PI Metal Enclosed Main Frame; HMM24</li></ul> <b>Standard Accessories :</b> <ul style="list-style-type: none"><li>- 3 ea Field Deflector</li><li>- 1 ea LBS Operation Handle</li></ul> | ULUSOY | 1 Unit | 260.000.000 | 260.000.000 |
| 2                          | <b>Cubicle Incoming HMM24-14 (GD 2 &amp; GD 3)</b> <ul style="list-style-type: none"><li>- Incoming Switchgear with Circuit Breaker c/w CT + VT ; HMM24-14</li><li>- 24kV 630A 16kA SF6 Load break Switch</li><li>- 1 lot Electrolytic Copper Bar set / Main Bus 1250A &amp; Feeder-630A</li><li>- 24kV 1250kA Vacuum Circuit Breaker, Fixed type (Motorize Operation - 48VD)</li><li>- 1 set Earthing Switch HMM24-04</li><li>- 3 ea CT 1000/5A/5A, Class : 0.5-5P10, Burden : As per manufacture standard</li><li>- 3 ea VT 20/V3 kV / 110/V3, Class 0.5-3P, 25-25VA</li><li>- 1 EA Digital Power Multimeter (ACUVIM II / SOCOMEC)</li><li>- 1 ea Numerical OC/EF Protection Relay : Siemens SR710</li><li>- 1 ea CTT Test Plug (Brand : Yong Sung)</li><li>- 1 ea VTT Test Plug (Brand : Yong Sung)</li><li>- 1 ea power supply switching 100-220 VAC / 48VDC</li></ul>  | ULUSOY | 2 Unit | 170.000.000 | 340.000.000 |

|                            |   |        |         |             |             |
|----------------------------|---|--------|---------|-------------|-------------|
|                            | <ul style="list-style-type: none"><li>- 1 lot Cable Terminal unit</li><li>- 1 ea anti condensation heater</li><li>- 1 set Capacitive Insulator</li><li>- 1 ea Capacitive Voltage Indicator</li><li>- Indoor type IAC:A-FL LSC2A-PI Metal Enclosed Main Frame; HMH24</li></ul> <b>Standard Accessories :</b> <ul style="list-style-type: none"><li>- 3 ea Field Deflector</li><li>- 1 ea LBS Operation Handle</li></ul>  |        |         |             |             |
| 3                          | <b>HMH24 - 02 MANUAL (Travo 1 - 4)</b> <ul style="list-style-type: none"><li>- Load Break Switch Compound with Fuse; LBS Manual operation; HMH24-02 MANUAL</li><li>- 24kV 630A 16kA SF6 Load break Switch</li><li>- 1 lot Electrolytic Copper Bar set / Main Bus 1250A &amp; Feeder-200A</li><li>- 1 set Earthing Switch HMH24-02</li><li>- 3 ea MV Fuse Rate as per cust request</li><li>- 1 set MV Fuse Mechanism complete with fuse trip system (Fuse Striker)</li><li>- 1 set Fault Indicator (Fuse trip system Indicator) / Annunciator 220VAC / 48VDC</li><li>- 1 ea lot Cable Terminal unit</li><li>- Indoor type IAC:A-FL LSC2A-PI Metal Enclosed Main Frame; HMH24</li></ul> <b>Standard Accessories :</b> <ul style="list-style-type: none"><li>- 3 ea Field Deflector</li><li>- 1 ea LBS Operation Handle</li></ul>  | ULUSOY | 4 Unit  | 55.000.000  | 220.000.000 |
| 4                          | <b>FUSARC</b>   |        | 12 Buah | 4.950.000   | 59.400.000  |
| 5                          | <b>END PLATE</b>  |        | 4 Buah  | Free        |             |
| <b>POWERHOUSE GEDUNG 2</b> |   |        |         |             |             |
| 1                          | <b>Cubicle Incoming HMH24-14 (IN FROM GD 1)</b> <ul style="list-style-type: none"><li>- Incoming Switchgear with Circuit Breaker c/w CT + VT ; HMH24-14</li><li>- 24kV 630A 16kA SF6 Load break Switch</li><li>- 1 lot Electrolytic Copper Bar set / Main Bus 630A &amp; Feeder-630A</li><li>- 24kV 1250kA Vacuum Circuit Breaker, Fixed type (Motorize Operation - 48VD)</li><li>- 1 set Earthing Switch HMH24-04</li><li>- 3 ea CT 1000/5A/5A, Class : 0.5-5P10, Burden : As per manufacture standard</li><li>- 3 ea VT 20/V3 kV / 110/V3, Class 0.5-3P, 25-25VA</li><li>- 1 EA Digital Power Multimeter (ACUVIM II / SOCOMEC)</li><li>- 1 ea Numerical OC/EF Protection Relay : Siemens SR710</li><li>- 1 ea CTT Test Plug (Brand : Yong Sung)</li><li>- 1 ea VTT Test Plug (Brand : Yong Sung)</li><li>- 1 ea power supply switching 100-220 VAC / 48VDC</li><li>- 1 lot Cable Terminal unit</li><li>- 1 ea anti condensation heater</li><li>- 1 set Capacitive Insulator</li><li>- 1 ea Capacitive Voltage Indicator</li><li>- Indoor type IAC:A-FL LSC2A-PI Metal Enclosed Main Frame; HMH24</li></ul> <b>Standard Accessories :</b> <ul style="list-style-type: none"><li>- 3 ea Field Deflector</li><li>- 1 ea LBS Operation Handle</li></ul> | ULUSOY | 1 Unit  | 175.000.000 | 175.000.000 |
| 2                          | <b>HMH24 - 02 MANUAL (Travo 1 - 4)</b> <ul style="list-style-type: none"><li>- Load Break Switch Compound with Fuse; LBS Manual operation; HMH24-02 MANUAL</li><li>- 24kV 630A 16kA SF6 Load break Switch</li><li>- 1 lot Electrolytic Copper Bar set / Main Bus 630A &amp; Feeder-200A</li><li>- 1 set Earthing Switch HMH24-02</li><li>- 3 ea MV Fuse Rate as per cust request</li><li>- 1 set MV Fuse Mechanism complete with fuse trip system (Fuse Striker)</li><li>- 1 set Fault Indicator (Fuse trip system Indicator) / Annunciator 220VAC / 48VDC</li><li>- 1 ea lot Cable Terminal unit</li><li>- Indoor type IAC:A-FL LSC2A-PI Metal Enclosed Main Frame;</li></ul>  | ULUSOY | 4 Unit  | 50.000.000  | 200.000.000 |

|   |  |  |                  |                         |            |
|---|--|--|------------------|-------------------------|------------|
|   | HMMH24<br><b>Standard Accessories :</b><br>- 3 ea Field Deflector<br>- 1 ea LBS Operation Handle |  |                  |                         |            |
| 3 | <b>FUSARC</b>  |  | 12 Buah          | 4.950.000               | 59.400.000 |
| 4 | <b>END PLATE</b>   |  | 4 Buah           | Free                    |            |
|   |  |  | <b>SUB TOTAL</b> | <b>Rp 1.313.800.000</b> |            |

**Catatan :**

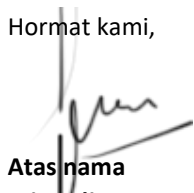
- Pengiriman : 1 - 2 bulan
- Down Payment : 30% - 70% sebelum pengiriman
- Garansi pabrikan selama 24 bulan
- Harga Franco Jakarta
- Harga belum termasuk PPN 10%
- Harga belum termasuk Instalasi dan Testing Commissioning

**Saran Pabrikan :**

1. Pihak pabrikan sudah tidak menyarankan untuk menggunakan lbs fuse diatas daya travo 2000kva, fuse yang disediakan hanya sampai 100A.
2. Fuse yang seharusnya di gunakan untuk trafo 3000kva adalah 160A bukan 125A
3. Untuk trafo 3000kva disarankan menggunakan tipe VCB bukan tipe lbs fuse.
4. Jika terjadi fuse putus pada saat energize bukan lagi menjadi tanggung jawab vendor atau pabrikan.

Demikian penawaran harga dari kami, atas perhatiannya kami ucapkan terima kasih.

Hormat kami,



**Atas nama**  
**Tri-Budi Untung Prayitno**  
 Direktur

Lampiran :



**Gambar 1. Pemasangan pada Agro Sari Bogor.**



**Gambar 2. Pemasangan pada Kawasan Industri Kendal.**



**Gambar 3.**