

REKAPITULASI HARGA PERKIRAAN SENDIRI (HPS)

PROYEK : PEMBANGUNAN FASILITAS PANJAT TEBING  
LOKASI : KAWASAN OLAHRAGA JATIDIRI  
TAHUN ANGGARAN : 2023

| NO.                                                                                                                    | URAIAN PEKERJAAN                                                  | JUMLAH HARGA<br>(Rp.) |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------|
|                                                                                                                        | MATA PEMBAYARAN UMUM<br>PEKERJAAN PERSIAPAN                       | 44.855.913,08         |
|                                                                                                                        | MATA PEMBAYARAN UTAMA                                             |                       |
|                                                                                                                        | PEKERJAAN PEMATANGAN LAHAN                                        | 51.756.783,75         |
|                                                                                                                        | PEKERJAAN SUB STRUKTUR                                            | 431.532.384,69        |
|                                                                                                                        | PEKERJAAN STRUKTUR ATAS LANTAI 1                                  | 171.977.904,58        |
|                                                                                                                        | PEKERJAAN STRUKTUR ATAS LANTAI 2                                  | 496.289.081,10        |
|                                                                                                                        | PEKERJAAN STRUKTUR ATAS LANTAI ATAP                               | 322.586.972,91        |
|                                                                                                                        | PEKERJAAN STRUKTUR ATAS ATAP                                      | 363.710.988,42        |
|                                                                                                                        | PEKERJAAN ARSITEKTUR LANTAI 1                                     | 560.488.816,66        |
|                                                                                                                        | PEKERJAAN ARSITEKTUR LANTAI 2                                     | 1.009.938.066,00      |
|                                                                                                                        | PEKERJAAN ARSITEKTUR LANTAI ATAP                                  | 190.032.985,13        |
|                                                                                                                        | PEKERJAAN LANDSCAPE                                               | 618.926.089,63        |
|                                                                                                                        | PEKERJAAN PANJAT TEBING ( LEAD WALL, BOULDER WALL, SPEED WR WALL) | 9.393.171.947,47      |
|                                                                                                                        | PEKERJAAN PLUMBING                                                | 382.091.625,90        |
|                                                                                                                        | PEKERJAAN MEKANIKAL                                               | 5.544.450,00          |
|                                                                                                                        | PEKERJAAN ELEKTRIKAL                                              | 807.090.901,20        |
| TOTAL                                                                                                                  |                                                                   | 14.849.994.910,52     |
| PEMBULATAN                                                                                                             |                                                                   | 14.849.994.000,00     |
| Terbilang : Empat Belas Milyar Delapan Ratus Empat Puluh Sembilan Juta Sembilan Ratus Sembilan Puluh Empat Ribu Rupiah |                                                                   |                       |

KEPALA BPPLOP  
Selaku  
Jabat Pembuat Komitmen

  
CICILIA E. KURNIATI, ST, MM  
Pembina

NIP.

|                |                                       |
|----------------|---------------------------------------|
| PROYEK         | : PEMBANGUNAN FASILITAS PANJAT TEBING |
| LOKASI         | : KAWASAN OLAHRAHA JATIDIRI           |
| TAHUN ANGGARAN | : 2023                                |

| NO.                                            | URAIAN PEKERJAAN                                                     | KODE         | SAT | VOLUME   | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.) |
|------------------------------------------------|----------------------------------------------------------------------|--------------|-----|----------|-----------------------|--------------|----------------------|
|                                                |                                                                      |              |     |          |                       |              |                      |
| MATA PEMBAYARAN UMUM                           |                                                                      |              |     |          |                       |              |                      |
| A                                              | PEKERJAAN PERSIAPAN                                                  |              |     |          |                       |              |                      |
| 1                                              | Pembersihan Lokasi & Penyiapan lahan Kerja                           | A.1.1.1.8    | m2  | 320,00   | Rp 19.795,00          | 11%          | Rp 7.031.184,00      |
| 2                                              | Sewa kantor direksi keet                                             | Hit.I.1      | bln | 4,50     | Rp 580.395,00         | 11%          | Rp 2.899.073,03      |
| 3                                              | Sewa pagar proyek keliling                                           | Hit.I.2      | bln | 4,50     | Rp 151.942,00         | 11%          | Rp 758.950,29        |
| 4                                              | Pengukuran dan Pemasangan Bouwplank                                  | A.1.1.1.4    | m'  | 72,00    | Rp 53.553,00          | 11%          | Rp 4.279.955,76      |
| 5                                              | System Keselatan dan Kesehatan Kerja (PERMEN PU NOMOR 21/PRT/M/2019) |              |     |          |                       |              |                      |
|                                                | - ) Penyiapan RKK                                                    |              | ls  | 1,00     | Rp 1.000.000,00       | 11%          | Rp 1.110.000,00      |
|                                                | - ) Sosialisasi, promosi dan pelatihan:                              |              | ls  | 1,00     | Rp 1.550.000,00       | 11%          | Rp 1.720.500,00      |
|                                                | - ) Alat Pelindung Kerja dan Alat Pelindung Diri:                    |              | ls  | 1,00     | Rp 6.000.000,00       | 11%          | Rp 6.660.000,00      |
|                                                | - ) Asuransi dan perizinan                                           |              | ls  | 1,00     | Rp 3.750.000,00       | 11%          | Rp 4.162.500,00      |
|                                                | - ) Personel K3 Konstruksi                                           |              | ls  | 1,00     | Rp 4.000.000,00       | 11%          | Rp 4.440.000,00      |
|                                                | - ) Fasilitas, sarana dan prasarana kesehatan:                       |              | ls  | 1,00     | Rp 1.750.000,00       | 11%          | Rp 1.942.500,00      |
|                                                | - ) Rambu- Rambu yang diperlukan:                                    |              | ls  | 1,00     | Rp 1.100.000,00       | 11%          | Rp 1.221.000,00      |
|                                                | - ) Konsultasi dengan Ahli terkait Keselamatan Konstruksi:           |              |     |          |                       |              |                      |
|                                                | - ) Lain- Lain Terkait Pengendalian Risiko Keselamatan Konstruksi:   |              | ls  | 1,00     | Rp 775.000,00         | 11%          | Rp 860.250,00        |
| 6                                              | Mobilisasi dan Demobilisasi                                          |              | ls  | 1,00     | Rp 3.000.000,00       | 11%          | Rp 3.330.000,00      |
| 7                                              | Administrasi dan Dokumentasi                                         |              | ls  | 1,00     | Rp 4.000.000,00       | 11%          | Rp 4.440.000,00      |
| TOTAL MATA PEMBAYARAN UMUM 44.855.913,08       |                                                                      |              |     |          |                       |              |                      |
|                                                |                                                                      |              |     |          |                       |              |                      |
| MATA PEMBAYARAN UTAMA                          |                                                                      |              |     |          |                       |              |                      |
|                                                |                                                                      |              |     |          |                       |              |                      |
| B                                              | PEKERJAAN STRUKTUR                                                   |              |     |          |                       |              |                      |
| B.1                                            | PEKERJAAN PEMATANGAN LAHAN                                           |              |     |          |                       |              |                      |
| B.1.1                                          | PEKERJAAN CUT, FILL DAN PEMADATAN                                    |              |     |          |                       |              |                      |
| 1                                              | Pekerjaan Fill                                                       | Hit.XXI.42   | m3  | 608,09   | Rp 36.413,00          | 11%          | Rp 24.578.043,10     |
| 2                                              | Pemadatan tanah                                                      | TM.01.6.f    | m3  | 608,09   | Rp 40.266,00          | 11%          | Rp 27.178.740,65     |
| Total Pekerjaan Pematangan Lahan 51.756.783,75 |                                                                      |              |     |          |                       |              |                      |
| B.2                                            | PEKERJAAN SUB STRUKTUR                                               |              |     |          |                       |              |                      |
| B.2.1                                          | AREA UTAMA GEDUNG                                                    |              |     |          |                       |              |                      |
| 1                                              | Pekerjaan galian pile cap, pondasi, sloof                            | A.1.5.1.1    | m3  | 354,06   | Rp 96.032,00          | 11%          | Rp 37.741.209,81     |
| 2                                              | Pekerjaan lantai kerja f'c=7,4 MPa (K100), tebal 10 cm               | A.4.1.1.4    | m3  | 6,91     | Rp 851.506,00         | 11%          | Rp 6.531.136,17      |
| 3                                              | Pekerjaan urugan pasir bawah pondasi                                 | A.1.5.1.10   | m3  | 19,19    | Rp 251.477,00         | 11%          | Rp 5.356.686,43      |
| 4                                              | Pekerjaan pondasi batu belah 1:5 bawah tiebeam                       | A.3.1.1.3    | m3  | 42,26    | Rp 839.201,00         | 11%          | Rp 39.365.744,03     |
| 5                                              | Pekerjaan anstamping                                                 | A.3.1.1.9    | m3  | 24,56    | Rp 504.904,00         | 11%          | Rp 13.764.490,89     |
| 6                                              | Pekerjaan pondasi pile cap P-1, uk. 160x160x80                       |              |     |          |                       |              |                      |
|                                                | - Beton f'c=26,4 MPa (K300)                                          | 2.2.3.a      | m3  | 55,30    | Rp 949.421,00         | 11%          | Rp 58.278.309,24     |
|                                                | - Pembesian                                                          | A.4.1.1.17.a | kg  | 7.087,52 | Rp 12.331,00          | 11%          | Rp 97.009.792,12     |
|                                                | - Bekisting pondasi                                                  | A.4.1.1.20.a | m2  | 138,24   | Rp 114.513,00         | 11%          | Rp 17.571.607,60     |
| 7                                              | Pekerjaan tie beam TB-1, uk. 30x50                                   |              |     |          |                       |              |                      |
|                                                | - Beton f'c=26,4 MPa (K300)                                          | 2.2.3.a      | m3  | 20,66    | Rp 949.421,00         | 11%          | Rp 21.772.692,02     |
|                                                | - Pembesian                                                          | A.4.1.1.17.a | kg  | 4.442,16 | Rp 12.331,00          | 11%          | Rp 60.801.665,21     |
|                                                | - Bekisting sloof                                                    | A.4.1.1.21.a | m2  | 137,72   | Rp 115.797,00         | 11%          | Rp 17.701.794,75     |
| 8                                              | Pekerjaan tie beam TB-2, uk. 20x25                                   |              |     |          |                       |              |                      |
|                                                | - Beton f'c=26,4 MPa (K300)                                          | 2.2.3.a      | m3  | 0,34     | Rp 949.421,00         | 11%          | Rp 358.311,49        |
|                                                | - Pembesian                                                          | A.4.1.1.17.a | kg  | 63,62    | Rp 12.331,00          | 11%          | Rp 870.793,02        |
|                                                | - Bekisting sloof                                                    | A.4.1.1.21.a | m2  | 3,39     | Rp 115.797,00         | 11%          | Rp 435.732,53        |
| 9                                              | Pekerjaan kolom K1, uk. 45x45 (Bawah Tie Beam)                       |              |     |          |                       |              |                      |
|                                                | - Beton f'c=26,4 MPa (K300)                                          | 2.2.3.a      | m3  | 4,61     | Rp 949.421,00         | 11%          | Rp 4.858.282,20      |
|                                                | - Pembesian                                                          | A.4.1.1.17.a | kg  | 1.933,06 | Rp 12.331,00          | 11%          | Rp 26.458.584,77     |
|                                                | - Bekisting kolom                                                    | A.4.1.1.22.a | m2  | 46,08    | Rp 163.247,00         | 11%          | Rp 8.349.888,15      |
| 10                                             | Pekerjaan kolom K2, uk. 30x30 (Bawah Tie Beam)                       |              |     |          |                       |              |                      |
|                                                | - Beton f'c=26,4 MPa (K300)                                          | 2.2.3.a      | m3  | 0,32     | Rp 949.421,00         | 11%          | Rp 337.234,34        |
|                                                | - Pembesian                                                          | A.4.1.1.17.a | kg  | 109,18   | Rp 12.331,00          | 11%          | Rp 1.494.391,42      |
|                                                | - Bekisting kolom                                                    | A.4.1.1.22.a | m2  | 4,32     | Rp 163.247,00         | 11%          | Rp 782.802,01        |
| 11                                             | Pekerjaan urugan tanah kembali                                       | A.1.5.1.1.a  | m2  | 200,91   | Rp 32.010,00          | 11%          | Rp 7.138.553,30      |
| B.2.2                                          | AREA TANGGA                                                          |              |     |          |                       |              |                      |
| 1                                              | Pekerjaan galian pondasi tangga                                      | A.1.5.1.1    | m3  | 2,74     | Rp 96.032,00          | 11%          | Rp 292.071,72        |
| 2                                              | Pekerjaan lantai kerja f'c=7,4 MPa (K100), tebal 10 cm               | A.4.1.1.4    | m3  | 0,07     | Rp 851.506,00         | 11%          | Rp 66.162,02         |
| 3                                              | Pekerjaan urugan pasir bawah pondasi                                 | A.1.5.1.10   | m3  | 0,15     | Rp 251.477,00         | 11%          | Rp 41.870,92         |
| 4                                              | Pekerjaan pondasi footplat                                           |              |     |          |                       |              |                      |
|                                                | - Beton Ready mix K-300                                              | 2.2.3.a      | m3  | 0,30     | Rp 949.421,00         | 11%          | Rp 316.157,19        |
|                                                | - Pembesian                                                          | A.4.1.1.17.a | kg  | 56,47    | Rp 12.331,00          | 11%          | Rp 772.928,04        |
|                                                | - Bekisting pondasi                                                  | A.4.1.1.20.a | m2  | 1,06     | Rp 114.513,00         | 11%          | Rp 134.736,00        |
| 5                                              | Pekerjaan dinding tangga bawah                                       |              |     |          |                       |              |                      |
|                                                | - Beton Ready mix K-300                                              | 2.2.3.a      | m3  | 0,56     | Rp 949.421,00         | 11%          | Rp 590.160,09        |
|                                                | - Pembesian                                                          | A.4.1.1.17.a | kg  | 81,58    | Rp 12.331,00          | 11%          | Rp 1.116.618,91      |
|                                                | - Bekisting dinding                                                  | A.4.1.1.25.a | m2  | 5,55     | Rp 198.357,00         | 11%          | Rp 1.221.978,30      |
| Total Pekerjaan Sub Struktur 431.532.384,69    |                                                                      |              |     |          |                       |              |                      |

| NO.                                       | URAIAN PEKERJAAN                      | KODE         | SAT | VOLUME   | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.) |
|-------------------------------------------|---------------------------------------|--------------|-----|----------|-----------------------|--------------|----------------------|
| B.3                                       | PEKERJAAN STRUKTUR ATAS LANTAI 1      |              |     |          |                       |              |                      |
| 1                                         | Pekerjaan kolom K1, uk. 45x45         |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 21,72    | Rp 949.421,00         | 11%          | Rp 22.889.780,77     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 4.480,50 | Rp 12.331,00          | 11%          | Rp 61.326.440,51     |
|                                           | - Bekisting kolom                     | A.4.1.1.22.a | m2  | 193,10   | Rp 163.247,00         | 11%          | Rp 34.990.525,23     |
| 2                                         | Pekerjaan kolom K2, uk. 30x30         |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 1,21     | Rp 949.421,00         | 11%          | Rp 1.275.167,35      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 304,00   | Rp 12.331,00          | 11%          | Rp 4.160.972,64      |
|                                           | - Bekisting kolom                     | A.4.1.1.22.a | m2  | 16,09    | Rp 163.247,00         | 11%          | Rp 2.915.575,10      |
| 3                                         | Pekerjaan balok tangga uk. 30x45      |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 0,34     | Rp 949.421,00         | 11%          | Rp 358.311,49        |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 89,79    | Rp 12.331,00          | 11%          | Rp 1.228.992,54      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 2,30     | Rp 167.279,00         | 11%          | Rp 427.063,29        |
| 4                                         | Pekerjaan tangga lantai 1 ke lantai 2 |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 7,30     | Rp 949.421,00         | 11%          | Rp 7.693.158,36      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 1.618,62 | Rp 12.331,00          | 11%          | Rp 22.154.715,57     |
|                                           | - Bekisting tangga                    | A.4.1.1.26.a | m2  | 69,55    | Rp 162.657,00         | 11%          | Rp 12.557.201,73     |
|                                           |                                       |              |     |          |                       |              |                      |
| Total Pekerjaan Struktur Atas Lantai 1    |                                       |              |     |          | 171.977.904,58        |              |                      |
| B.4                                       | PEKERJAAN STRUKTUR ATAS LANTAI 2      |              |     |          |                       |              |                      |
| 1                                         | Pekerjaan balok BI-1 uk. 30x60        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 11,83    | Rp 949.421,00         | 11%          | Rp 12.467.131,98     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 1.496,31 | Rp 12.331,00          | 11%          | Rp 20.480.608,46     |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 78,85    | Rp 167.279,00         | 11%          | Rp 14.640.843,56     |
| 2                                         | Pekerjaan balok BI-2 uk. 30x55        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 15,04    | Rp 949.421,00         | 11%          | Rp 15.850.013,94     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 1.901,55 | Rp 12.331,00          | 11%          | Rp 26.027.294,49     |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 100,27   | Rp 167.279,00         | 11%          | Rp 18.618.102,52     |
| 3                                         | Pekerjaan balok BA-2 uk. 25x40        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 3,90     | Rp 949.421,00         | 11%          | Rp 4.110.043,51      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 671,98   | Rp 12.331,00          | 11%          | Rp 9.197.665,77      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 31,18    | Rp 167.279,00         | 11%          | Rp 5.789.492,73      |
| 4                                         | Pekerjaan balok BL-1 uk. 20x65        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 8,48     | Rp 949.421,00         | 11%          | Rp 8.936.709,99      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 1.334,12 | Rp 12.331,00          | 11%          | Rp 18.260.647,43     |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 84,76    | Rp 167.279,00         | 11%          | Rp 15.738.210,52     |
| 5                                         | Pekerjaan balok BK-1 uk. 30x60        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 3,14     | Rp 949.421,00         | 11%          | Rp 3.309.111,95      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 443,71   | Rp 12.331,00          | 11%          | Rp 6.073.240,69      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 20,92    | Rp 167.279,00         | 11%          | Rp 3.884.419,11      |
| 6                                         | Pekerjaan balok BK-2 uk. 30x55        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 0,95     | Rp 949.421,00         | 11%          | Rp 1.001.164,44      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 147,74   | Rp 12.331,00          | 11%          | Rp 2.022.177,95      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 6,33     | Rp 167.279,00         | 11%          | Rp 1.175.352,44      |
| 7                                         | Pekerjaan balok BKA-1 uk. 25x40       |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 0,41     | Rp 949.421,00         | 11%          | Rp 432.081,50        |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 64,31    | Rp 12.331,00          | 11%          | Rp 880.237,34        |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 3,30     | Rp 167.279,00         | 11%          | Rp 612.742,98        |
| 8                                         | Pekerjaan plat lantai 2, t = 15 cm    |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 40,69    | Rp 949.421,00         | 11%          | Rp 42.881.453,94     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 5.678,18 | Rp 12.331,00          | 11%          | Rp 77.719.577,71     |
|                                           | - Bekisting balok plat lantai         | A.4.1.1.24.a | m2  | 313,18   | Rp 192.659,00         | 11%          | Rp 66.974.009,64     |
| 9                                         | Pekerjaan kolom K1, uk. 45x45         |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 21,72    | Rp 949.421,00         | 11%          | Rp 22.889.780,77     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 4.480,50 | Rp 12.331,00          | 11%          | Rp 61.326.440,51     |
|                                           | - Bekisting kolom                     | A.4.1.1.22.a | m2  | 193,10   | Rp 163.247,00         | 11%          | Rp 34.990.525,23     |
|                                           |                                       |              |     |          |                       |              |                      |
| Total Pekerjaan Struktur Atas Lantai 2    |                                       |              |     |          | 496.289.081,10        |              |                      |
| B.5                                       | PEKERJAAN STRUKTUR ATAS LANTAI ATAP   |              |     |          |                       |              |                      |
| 1                                         | Pekerjaan balok BI-1 uk. 30x60        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 11,54    | Rp 949.421,00         | 11%          | Rp 12.161.513,36     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 1.460,11 | Rp 12.331,00          | 11%          | Rp 19.985.124,22     |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 76,93    | Rp 167.279,00         | 11%          | Rp 14.284.338,55     |
| 2                                         | Pekerjaan balok BI-2 uk. 30x55        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 13,39    | Rp 949.421,00         | 11%          | Rp 14.111.149,38     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 1.694,18 | Rp 12.331,00          | 11%          | Rp 23.188.936,27     |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 89,30    | Rp 167.279,00         | 11%          | Rp 16.581.196,32     |
| 3                                         | Pekerjaan balok BA-2 uk. 25x40        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 3,90     | Rp 949.421,00         | 11%          | Rp 4.110.043,51      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 672,34   | Rp 12.331,00          | 11%          | Rp 9.202.593,24      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 31,21    | Rp 167.279,00         | 11%          | Rp 5.795.063,12      |
| 4                                         | Pekerjaan balok BL-1 uk. 20x65        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 4,36     | Rp 949.421,00         | 11%          | Rp 4.594.817,87      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 690,81   | Rp 12.331,00          | 11%          | Rp 9.455.399,70      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 43,55    | Rp 167.279,00         | 11%          | Rp 8.086.350,50      |
| 5                                         | Pekerjaan balok BK-1 uk. 30x60        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 1,89     | Rp 949.421,00         | 11%          | Rp 1.991.790,32      |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 271,19   | Rp 12.331,00          | 11%          | Rp 3.711.888,72      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 12,60    | Rp 167.279,00         | 11%          | Rp 2.339.564,09      |
| 6                                         | Pekerjaan balok BK-2 uk. 30x55        |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 0,51     | Rp 949.421,00         | 11%          | Rp 537.467,23        |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 83,39    | Rp 12.331,00          | 11%          | Rp 1.141.393,12      |
|                                           | - Bekisting balok                     | A.4.1.1.23.a | m2  | 3,41     | Rp 167.279,00         | 11%          | Rp 633.167,74        |
| 7                                         | Pekerjaan plat lantai atap, t = 15 cm |              |     |          |                       |              |                      |
|                                           | - Beton Ready mix K-300               | 2.2.3.a      | m3  | 40,80    | Rp 949.421,00         | 11%          | Rp 42.997.378,25     |
|                                           | - Pembesian                           | A.4.1.1.17.a | kg  | 5.076,06 | Rp 12.331,00          | 11%          | Rp 69.478.114,40     |
|                                           | - Bekisting balok plat lantai         | A.4.1.1.24.a | m2  | 272,15   | Rp 192.659,00         | 11%          | Rp 58.199.683,00     |
|                                           |                                       |              |     |          |                       |              |                      |
| Total Pekerjaan Struktur Atas Lantai Atap |                                       |              |     |          | 322.586.972,91        |              |                      |

| NO.                                 | URAIAN PEKERJAAN                                                               | KODE         | SAT  | VOLUME   | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.) |
|-------------------------------------|--------------------------------------------------------------------------------|--------------|------|----------|-----------------------|--------------|----------------------|
| B.6                                 | PEKERJAAN STRUKTUR ATAS ATAP                                                   |              |      |          |                       |              |                      |
| 1                                   | Kolom IWF 250 X 125 X 6 X 9 mm                                                 | A.4.2.1.1    | kg   | 1.301,80 | Rp 28.121,00          | 11%          | Rp 40.634.788,76     |
| 2                                   | SIKU 2L60x60x6                                                                 | A.4.2.1.1    | kg   | 4.656,53 | Rp 28.121,00          | 11%          | Rp 145.350.370,94    |
| 3                                   | Gording CNP 150 X 65 X 20 X 3,2 mm                                             | A.4.2.1.1    | kg   | 1.908,69 | Rp 28.121,00          | 11%          | Rp 59.578.441,35     |
| 4                                   | SIKU 50 X 50 X 5                                                               | A.4.2.1.1    | kg   | 306,04   | Rp 28.121,00          | 11%          | Rp 9.552.827,43      |
| 5                                   | Stifner                                                                        | A.4.2.1.1    | kg   | 88,31    | Rp 28.121,00          | 11%          | Rp 2.756.535,72      |
| 6                                   | Plat plendes 18mm                                                              | A.4.2.1.1    | kg   | 305,21   | Rp 28.121,00          | 11%          | Rp 9.526.919,56      |
| 7                                   | Base plat 8mm                                                                  | A.4.2.1.1    | kg   | 610,42   | Rp 28.121,00          | 11%          | Rp 19.053.839,11     |
| 8                                   | Ikatan angin                                                                   | A.4.1.1.17.a | kg   | 78,18    | Rp 12.331,00          | 11%          | Rp 1.070.081,71      |
| 9                                   | Jarum gording                                                                  | A.4.1.1.17.a | kg   | 196,21   | Rp 12.331,00          | 11%          | Rp 2.685.606,72      |
| 10                                  | Pekerjaan perakitan struktur baja                                              | A.4.2.1.3.a  | kg   | 9.451,39 | Rp 883,00             | 11%          | Rp 9.263.590,88      |
| 11                                  | Baut HTB M16                                                                   | Estimasi     | bh   | 1.946,00 | Rp 6.300,00           | 11%          | Rp 13.608.378,00     |
| 12                                  | Angkur Ø 19 mm                                                                 | Estimasi     | bh   | 216,00   | Rp 61.750,00          | 11%          | Rp 14.805.180,00     |
| 13                                  | Meni zincromate                                                                | A.4.7.1.17   | m2   | 521,04   | Rp 61.942,00          | 11%          | Rp 35.824.428,24     |
|                                     |                                                                                |              |      |          |                       |              |                      |
| Total Pekerjaan Struktur Atas Atap  |                                                                                |              |      |          |                       |              | 363.710.988,42       |
| C                                   | PEKERJAAN ARSITEKTUR GEDUNG PENGELOLA                                          |              |      |          |                       |              |                      |
| C.1                                 | PEKERJAAN ARSITEKTUR LANTAI 1                                                  |              |      |          |                       |              |                      |
| C.1.1                               | PEKERJAAN PASANGAN DINDING                                                     |              |      |          |                       |              |                      |
| 1                                   | Pekerjaan pasangan bata ringan                                                 | Hit.VI.1     | m2   | 272,74   | Rp 132.779,00         | 11%          | Rp 40.197.700,35     |
| 2                                   | Pekerjaan plesteran dinding dengan mortar                                      | Hit.VII.1    | m2   | 545,48   | Rp 79.694,00          | 11%          | Rp 48.253.346,26     |
| 3                                   | Pekerjaan acian dinding dengan mortar                                          | Hit.VII.2    | m2   | 525,62   | Rp 40.841,00          | 11%          | Rp 23.828.199,53     |
| 4                                   | Pembuatan kolom praktis                                                        | A.4.1.1.28   | m2   | 144,00   | Rp 79.987,00          | 11%          | Rp 12.785.122,08     |
| 5                                   | Pembuatan ring balk praktis                                                    | A.4.1.1.29   | m2   | 94,57    | Rp 103.701,00         | 11%          | Rp 10.885.773,96     |
|                                     |                                                                                |              |      |          |                       |              |                      |
| C.1.2                               | PEKERJAAN PELAPIS LANTAI DAN DINDING                                           |              |      |          |                       |              |                      |
| 1                                   | Pemasangan dinding HT polish 30x60                                             | A.4.4.3.54.b | m2   | 29,79    | Rp 353.902,00         | 11%          | Rp 11.702.442,04     |
| 2                                   | Pemasangan lantai HT polish 60x60                                              | A.4.4.3.36.a | m2   | 161,24   | Rp 299.503,00         | 11%          | Rp 53.603.968,73     |
| 3                                   | Pemasangan lantai HT unpolish 60x60                                            | A.4.4.3.36.b | m2   | 4,67     | Rp 299.503,00         | 11%          | Rp 1.552.533,70      |
| 4                                   | Pemasangan stepnousing tangga                                                  | A.4.4.3.19.a | m'   | 33,60    | Rp 186.854,00         | 11%          | Rp 6.968.906,78      |
| 5                                   | Pemasangan plint HT 10 x 60 cm                                                 | A.4.4.3.40.b | m'   | 115,44   | Rp 50.983,00          | 11%          | Rp 6.532.880,05      |
| 6                                   | Pemasangan lantai keramik 30x30                                                | A.4.4.3.35   | m2   | 10,04    | Rp 201.405,00         | 11%          | Rp 2.244.537,88      |
|                                     |                                                                                |              |      |          |                       |              |                      |
| C.1.3                               | PEKERJAAN PLAFON                                                               |              |      |          |                       |              |                      |
| 1                                   | Pekerjaan rangka plafon                                                        | A.4.2.1.21   | m2   | 184,17   | Rp 144.011,00         | 11%          | Rp 29.439.981,52     |
| 2                                   | Pekerjaan plafon gypsum                                                        | A.4.5.1.7    | m2   | 112,06   | Rp 40.333,00          | 11%          | Rp 5.016.884,74      |
| 3                                   | Pekerjaan plafon GRC                                                           | A.4.5.1.7.a  | m2   | 9,34     | Rp 77.334,00          | 11%          | Rp 801.752,51        |
| 4                                   | Pekerjaan plafon beton ekspose                                                 | Hit.IX.1     | m2   | 89,36    | Rp 41.697,00          | 11%          | Rp 4.135.908,75      |
| 5                                   | Pekerjaan lambersiring almunium                                                | A.4.5.1.6.a  | m2   | 62,77    | Rp 419.577,00         | 11%          | Rp 29.233.901,60     |
| 6                                   | Pekerjaan list plafon                                                          | A.4.5.1.9.a  | m'   | 38,79    | Rp 19.147,00          | 11%          | Rp 824.410,46        |
|                                     |                                                                                |              |      |          |                       |              |                      |
| C.1.4                               | PEKERJAAN PENGECATAN                                                           |              |      |          |                       |              |                      |
| 1                                   | Pekerjaan pengecatan interior                                                  | A.4.7.1.10.a | m2   | 351,51   | Rp 28.139,00          | 11%          | Rp 10.979.165,28     |
| 2                                   | Pekerjaan pengecatan eksterior                                                 | A.4.7.1.10.b | m2   | 174,11   | Rp 42.772,00          | 11%          | Rp 8.266.206,54      |
| 3                                   | Pekerjaan pengecatan plafon                                                    | A.4.7.1.10.c | m2   | 56,87    | Rp 25.224,00          | 11%          | Rp 1.592.282,66      |
|                                     |                                                                                |              |      |          |                       |              |                      |
| C.1.5                               | PEKERJAAN KUSEN PINTU DAN JENDELA                                              |              |      |          |                       |              |                      |
| 1                                   | Pemasangan pintu tipe P-02                                                     | Hit.XXI.21   | unit | 1,00     | Rp 9.382.230,00       | 11%          | Rp 10.414.275,30     |
| 2                                   | Pemasangan pintu tipe P-03                                                     | Hit.XXI.22   | unit | 2,00     | Rp 4.006.506,00       | 11%          | Rp 8.894.443,32      |
| 3                                   | Pemasangan jendela tipe J-08                                                   | Hit.XXI.28   | unit | 1,00     | Rp 4.947.592,00       | 11%          | Rp 5.491.827,12      |
| 4                                   | Pemasangan jendela tipe J-09                                                   | Hit.XXI.29   | unit | 2,00     | Rp 6.709.143,00       | 11%          | Rp 14.894.297,46     |
| 5                                   | Pemasangan jendela tipe J-10                                                   | Hit.XXI.30   | unit | 1,00     | Rp 9.577.424,00       | 11%          | Rp 10.630.940,64     |
| 6                                   | Pemasangan jendela tipe J-13                                                   | Hit.XXI.32   | unit | 1,00     | Rp 7.634.142,00       | 11%          | Rp 8.473.897,62      |
| 7                                   | Pemasangan jendela tipe J-14                                                   | Hit.XXI.33   | unit | 1,00     | Rp 1.478.033,00       | 11%          | Rp 1.640.616,63      |
| 8                                   | Pemasangan jendela tipe J-18                                                   | Hit.XXI.36   | unit | 1,00     | Rp 3.108.553,00       | 11%          | Rp 3.450.493,83      |
|                                     |                                                                                |              |      |          |                       |              |                      |
| C.1.6                               | PEKERJAAN SANITARI                                                             |              |      |          |                       |              |                      |
| 1                                   | Pemasangan Closet Duduk / Mono Blok                                            | A.5.1.1.1    | unit | 2,00     | Rp 4.083.569,00       | 11%          | Rp 9.065.523,18      |
| 2                                   | Pemasangan Jet Washer                                                          | A.5.1.1.19.c | unit | 2,00     | Rp 657.990,00         | 11%          | Rp 1.460.737,80      |
| 3                                   | Pemasangan Wastafel Gantung                                                    | A.5.1.1.5.a  | unit | 2,00     | Rp 2.051.809,00       | 11%          | Rp 4.555.015,98      |
| 4                                   | Pemasangan Kran Wastafel                                                       | A.5.1.1.19.a | bh   | 2,00     | Rp 871.990,00         | 11%          | Rp 1.935.817,80      |
| 5                                   | Pemasangan Kran Ø ½" atau Ø ¾"                                                 | A.5.1.1.19   | bh   | 5,00     | Rp 434.360,00         | 11%          | Rp 2.410.698,00      |
| 6                                   | Pemasangan Floor Drain                                                         | A.5.1.1.14   | bh   | 2,00     | Rp 387.735,00         | 11%          | Rp 860.771,70        |
| 7                                   | Pemasangan Kaca Cermin tebal 5 mm (area toilet)                                | A.4.6.2.18   | m2   | 1,60     | Rp 326.039,00         | 11%          | Rp 579.045,26        |
|                                     |                                                                                |              |      |          |                       |              |                      |
| C.1.7                               | PEKERJAAN LAIN-LAIN                                                            |              |      |          |                       |              |                      |
| 1                                   | Pekerjaan railing tangga (pipa stainless steel dia 2", 1" lengkap aksessories) | Hit.XXI.9    | m'   | 22,45    | Rp 1.847.768,00       | 11%          | Rp 46.045.454,68     |
| 2                                   | Pekerjaan ACP tebal 0,5 mm + Rangka dan perkuatan                              | Hit.XXI.14   | m2   | 170,56   | Rp 638.274,00         | 11%          | Rp 120.839.054,92    |
|                                     |                                                                                |              |      |          |                       |              |                      |
| Total Pekerjaan Arsitektur Lantai 1 |                                                                                |              |      |          |                       |              | 560.488.816,66       |
| C.2                                 | PEKERJAAN ARSITEKTUR LANTAI 2                                                  |              |      |          |                       |              |                      |
| C.2.1                               | PEKERJAAN PASANGAN DINDING                                                     |              |      |          |                       |              |                      |
| 1                                   | Pekerjaan pasangan bata ringan                                                 | Hit.VI.1     | m2   | 430,07   | Rp 132.779,00         | 11%          | Rp 63.385.733,63     |
| 2                                   | Pekerjaan plesteran dinding dengan mortar                                      | Hit.VII.1    | m2   | 860,14   | Rp 79.694,00          | 11%          | Rp 76.088.276,85     |
| 3                                   | Pekerjaan acian dinding dengan mortar                                          | Hit.VII.2    | m2   | 799,90   | Rp 40.841,00          | 11%          | Rp 36.262.274,65     |
| 4                                   | Pembuatan kolom praktis                                                        | A.4.1.1.28   | m2   | 148,00   | Rp 79.987,00          | 11%          | Rp 13.140.264,36     |
| 5                                   | Pembuatan ring balk praktis                                                    | A.4.1.1.29   | m2   | 279,81   | Rp 103.701,00         | 11%          | Rp 32.208.400,26     |
|                                     |                                                                                |              |      |          |                       |              |                      |
| C.2.2                               | PEKERJAAN PELAPIS LANTAI DAN DINDING                                           |              |      |          |                       |              |                      |
| 1                                   | Pemasangan dinding HT polish 30x60                                             | A.4.4.3.54.b | m2   | 90,36    | Rp 353.902,00         | 11%          | Rp 35.496.229,04     |
| 2                                   | Pemasangan lantai HT polish 60x60                                              | A.4.4.3.36.a | m2   | 156,75   | Rp 299.503,00         | 11%          | Rp 52.111.275,73     |
| 3                                   | Pemasangan lantai HT unpolish 60x60                                            | A.4.4.3.36.b | m2   | 63,04    | Rp 299.503,00         | 11%          | Rp 20.957.542,72     |
| 4                                   | Pemasangan plint HT 10 x 60 cm                                                 | A.4.4.3.40.b | m'   | 153,12   | Rp 50.983,00          | 11%          | Rp 8.665.233,83      |
| 5                                   | Pemasangan lantai keramik 30x30                                                | A.4.4.3.35   | m2   | 57,78    | Rp 201.405,00         | 11%          | Rp 12.917.270,80     |
| 6                                   | Pemasangan screeding lantai                                                    | Hit.VIII.3   | m2   | 108,40   | Rp 74.089,00          | 11%          | Rp 8.914.684,84      |
| 7                                   | Pekerjaan Waterprofing coating                                                 | Hit.VIII.1   | m2   | 120,82   | Rp 65.498,00          | 11%          | Rp 8.783.949,88      |
|                                     |                                                                                |              |      |          |                       |              |                      |



| NO.   | URAIAN PEKERJAAN                                                  | KODE         | SAT | VOLUME    | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.) |
|-------|-------------------------------------------------------------------|--------------|-----|-----------|-----------------------|--------------|----------------------|
| E     | PEKERJAAN PANJAT TEBING ( LEAD WALL, BOULDER WALL, SPEED WR WALL) |              |     |           |                       |              |                      |
| E.1   | PEKERJAAN STRUKTUR BAWAH                                          |              |     |           |                       |              |                      |
| E.1.1 | PEKERJAAN PONDASI LEAD WALL                                       |              |     |           |                       |              |                      |
| 1     | Pekerjaan galian pondasi                                          | A.1.5.1.1    | m3  | 30,87     | Rp 96.032,00          | 11%          | Rp 3.290.603,70      |
| 2     | Pekerjaan lantai kerja f'c=7,4 MPa (K100), tebal 10 cm            | A.4.1.1.4    | m3  | 2,56      | Rp 851.506,00         | 11%          | Rp 2.419.639,45      |
| 3     | Pekerjaan urugan pasir bawah pondasi                              | A.1.5.1.10   | m3  | 2,56      | Rp 251.477,00         | 11%          | Rp 714.597,04        |
| 4     | Pekerjaan pondasi LEAD WALL                                       |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 12,80     | Rp 949.421,00         | 11%          | Rp 13.489.373,57     |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 2.070,90  | Rp 12.331,00          | 11%          | Rp 28.345.257,37     |
|       | - Bekisting pondasi                                               | A.4.1.1.20.a | m2  | 32,00     | Rp 114.513,00         | 11%          | Rp 4.067.501,76      |
| 5     | Pekerjaan kolom pedestal, uk. 30x40                               |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 2,76      | Rp 949.421,00         | 11%          | Rp 2.908.646,18      |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 675,28    | Rp 12.331,00          | 11%          | Rp 9.242.834,22      |
|       | - Bekisting kolom                                                 | A.4.1.1.22.a | m2  | 32,20     | Rp 163.247,00         | 11%          | Rp 5.834.774,27      |
| 6     | Pekerjaan plat lantai dasar                                       |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 9,60      | Rp 949.421,00         | 11%          | Rp 10.117.030,18     |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 816,62    | Rp 12.331,00          | 11%          | Rp 11.177.412,75     |
|       | - Bekisting                                                       | A.4.1.1.20.a | m2  | 96,00     | Rp 114.513,00         | 11%          | Rp 12.202.505,28     |
| E.1.2 | PEKERJAAN PONDASI BOULDER WALL                                    |              |     |           |                       |              |                      |
| 1     | Pekerjaan galian pondasi                                          | A.1.5.1.1    | m3  | 61,74     | Rp 96.032,00          | 11%          | Rp 6.581.207,40      |
| 2     | Pekerjaan lantai kerja f'c=7,4 MPa (K100), tebal 10 cm            | A.4.1.1.4    | m3  | 5,12      | Rp 851.506,00         | 11%          | Rp 4.839.278,90      |
| 3     | Pekerjaan urugan pasir bawah pondasi                              | A.1.5.1.10   | m3  | 5,12      | Rp 251.477,00         | 11%          | Rp 1.429.194,09      |
| 4     | Pekerjaan pondasi BOULDER WALL                                    |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 25,60     | Rp 949.421,00         | 11%          | Rp 26.978.747,14     |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 4.141,81  | Rp 12.331,00          | 11%          | Rp 56.690.651,61     |
|       | - Bekisting pondasi                                               | A.4.1.1.20.a | m2  | 64,00     | Rp 114.513,00         | 11%          | Rp 8.135.003,52      |
| 5     | Pekerjaan kolom pedestal, uk. 30x40                               |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 5,52      | Rp 949.421,00         | 11%          | Rp 5.817.292,35      |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 1.350,56  | Rp 12.331,00          | 11%          | Rp 18.485.668,45     |
|       | - Bekisting kolom                                                 | A.4.1.1.22.a | m2  | 64,40     | Rp 163.247,00         | 11%          | Rp 11.669.548,55     |
| 6     | Pekerjaan plat lantai dasar                                       |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 17,40     | Rp 949.421,00         | 11%          | Rp 18.337.117,19     |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 1.480,12  | Rp 12.331,00          | 11%          | Rp 20.259.009,29     |
|       | - Bekisting                                                       | A.4.1.1.20.a | m2  | 174,00    | Rp 114.513,00         | 11%          | Rp 22.117.040,82     |
| E.1.3 | PEKERJAAN PONDASI SPEED WALL                                      |              |     |           |                       |              |                      |
| 1     | Pekerjaan galian pondasi                                          | A.1.5.1.1    | m3  | 30,87     | Rp 96.032,00          | 11%          | Rp 3.290.603,70      |
| 2     | Pekerjaan lantai kerja f'c=7,4 MPa (K100), tebal 10 cm            | A.4.1.1.4    | m3  | 2,56      | Rp 851.506,00         | 11%          | Rp 2.419.639,45      |
| 3     | Pekerjaan urugan pasir bawah pondasi                              | A.1.5.1.10   | m3  | 2,56      | Rp 251.477,00         | 11%          | Rp 714.597,04        |
| 4     | Pekerjaan pondasi SPEED WR WALL                                   |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 12,80     | Rp 949.421,00         | 11%          | Rp 13.489.373,57     |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 2.070,90  | Rp 12.331,00          | 11%          | Rp 28.345.257,37     |
|       | - Bekisting pondasi                                               | A.4.1.1.20.a | m2  | 32,00     | Rp 114.513,00         | 11%          | Rp 4.067.501,76      |
| 5     | Pekerjaan kolom pedestal, uk. 30x40                               |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 2,76      | Rp 949.421,00         | 11%          | Rp 2.908.646,18      |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 675,28    | Rp 12.331,00          | 11%          | Rp 9.242.834,22      |
|       | - Bekisting kolom                                                 | A.4.1.1.22.a | m2  | 32,20     | Rp 163.247,00         | 11%          | Rp 5.834.774,27      |
| 6     | Pekerjaan plat lantai dasar                                       |              |     |           |                       |              |                      |
|       | - Beton f'c=26,4 MPa (K300)                                       | 2.2.3.a      | m3  | 9,60      | Rp 949.421,00         | 11%          | Rp 10.117.030,18     |
|       | - Pembesian                                                       | A.4.1.1.17.a | kg  | 816,62    | Rp 12.331,00          | 11%          | Rp 11.177.412,75     |
|       | - Bekisting                                                       | A.4.1.1.20.a | m2  | 96,00     | Rp 114.513,00         | 11%          | Rp 12.202.505,28     |
| E.2.1 | PEKERJAAN STRUKTUR ATAS, (KONSTRUKSI BAJA UTAMA)                  |              |     |           |                       |              |                      |
| E.2.1 | KONSTRUKSI BAJA LEAD WALL                                         |              |     |           |                       |              |                      |
| 1     | Baja Kolom IWF 250 x 125 x 6 x 9 mm                               | A.4.2.1.1    | kg  | 4.738,96  | Rp 28.121,00          | 11%          | Rp 147.923.366,52    |
| 2     | Baja Balok IWF 150 x 75 x 5 x 7 mm                                | A.4.2.1.1    | kg  | 3.994,48  | Rp 28.121,00          | 11%          | Rp 124.684.937,01    |
| 3     | Baja Brace Profil 2L 60 x 60 x 6                                  | A.4.2.1.1    | kg  | 3.815,68  | Rp 28.121,00          | 11%          | Rp 119.103.818,38    |
| 4     | Baja Pipa Black Steel Ø 3" (rangka atap)                          | A.4.2.1.1    | kg  | 3.315,67  | Rp 28.121,00          | 11%          | Rp 103.496.351,24    |
| 5     | Baja CNP 150 x 50 x 20 x 2 mm (rangka atap)                       | A.4.2.1.1    | kg  | 1.400,70  | Rp 28.121,00          | 11%          | Rp 43.721.884,02     |
| 6     | Baja Plat                                                         | A.4.2.1.1    | kg  | 2.715,32  | Rp 28.121,00          | 11%          | Rp 84.756.840,23     |
| 7     | Perakitan konstruksi baja                                         | A.4.2.1.3.a  | kg  | 19.980,81 | Rp 883,00             | 11%          | Rp 19.583.791,31     |
| 8     | Baut                                                              | Estimasi     | bh  | 2.716,00  | Rp 6.300,00           | 11%          | Rp 18.992.988,00     |
| 9     | Angkur Ø 19 mm                                                    | Estimasi     | bh  | 360,00    | Rp 61.750,00          | 11%          | Rp 24.675.300,00     |
| 10    | Meni zincromate                                                   | A.4.7.1.17   | m2  | 1.063,68  | Rp 61.942,00          | 11%          | Rp 73.133.977,88     |
| 11    | Penutup atap galvalume t = 0,6 mm                                 | A.4.5.2.32.1 | m2  | 162,58    | Rp 255.355,00         | 11%          | Rp 46.082.333,65     |
| E.2.2 | KONSTRUKSI BAJA BOULDER WALL                                      |              |     |           |                       |              |                      |
| 1     | Baja Kolom IWF 250 x 125 x 6 x 9 mm                               | A.4.2.1.1    | kg  | 3.108,00  | Rp 28.121,00          | 11%          | Rp 97.014.075,48     |
| 2     | Baja Balok IWF 150 x 75 x 5 x 7 mm                                | A.4.2.1.1    | kg  | 3.095,68  | Rp 28.121,00          | 11%          | Rp 96.629.515,18     |
| 3     | Baja Brace Profil 2L 60 x 60 x 6                                  | A.4.2.1.1    | kg  | 1.238,34  | Rp 28.121,00          | 11%          | Rp 38.653.928,65     |
| 4     | Baja Pipa Black Steel Ø 3" (rangka atap)                          | A.4.2.1.1    | kg  | 6.396,69  | Rp 28.121,00          | 11%          | Rp 199.668.264,63    |
| 5     | Baja CNP 150 x 50 x 20 x 2 mm (rangka atap)                       | A.4.2.1.1    | kg  | 2.751,38  | Rp 28.121,00          | 11%          | Rp 85.882.428,25     |
| 6     | Baja Plat                                                         | A.4.2.1.1    | kg  | 904,32    | Rp 28.121,00          | 11%          | Rp 28.227.724,82     |
| 7     | Perakitan konstruksi baja                                         | A.4.2.1.3.a  | kg  | 17.494,41 | Rp 883,00             | 11%          | Rp 17.146.796,07     |
| 8     | Baut                                                              | Estimasi     | bh  | 1.456,00  | Rp 6.300,00           | 11%          | Rp 10.181.808,00     |
| 9     | Angkur Ø 19 mm                                                    | Estimasi     | bh  | 720,00    | Rp 61.750,00          | 11%          | Rp 49.350.600,00     |
| 10    | Meni zincromate                                                   | A.4.7.1.17   | m2  | 983,15    | Rp 61.942,00          | 11%          | Rp 67.597.087,80     |
| 11    | Penutup atap galvalume t = 0,6 mm                                 | A.4.5.2.32.1 | m2  | 298,28    | Rp 255.355,00         | 11%          | Rp 84.545.691,23     |
| E.2.3 | KONSTRUKSI BAJA SPEED WALL                                        |              |     |           |                       |              |                      |
| 1     | Baja Kolom IWF 250 x 125 x 6 x 9 mm                               | A.4.2.1.1    | kg  | 4.738,96  | Rp 28.121,00          | 11%          | Rp 147.923.366,52    |
| 2     | Baja Balok IWF 150 x 75 x 5 x 7 mm                                | A.4.2.1.1    | kg  | 3.994,48  | Rp 28.121,00          | 11%          | Rp 124.684.937,01    |
| 3     | Baja Brace Profil 2L 60 x 60 x 6                                  | A.4.2.1.1    | kg  | 3.815,68  | Rp 28.121,00          | 11%          | Rp 119.103.818,38    |
| 4     | Baja Pipa Black Steel Ø 3" (rangka atap)                          | A.4.2.1.1    | kg  | 2.715,39  | Rp 28.121,00          | 11%          | Rp 84.759.025,23     |
| 5     | Baja CNP 150 x 50 x 20 x 2 mm (rangka atap)                       | A.4.2.1.1    | kg  | 1.035,30  | Rp 28.121,00          | 11%          | Rp 32.316.175,14     |
| 6     | Baja Plat                                                         | A.4.2.1.1    | kg  | 2.668,22  | Rp 28.121,00          | 11%          | Rp 83.286.646,23     |
| 7     | Perakitan konstruksi baja                                         | A.4.2.1.3.a  | kg  | 18.968,03 | Rp 883,00             | 11%          | Rp 18.591.135,24     |
| 8     | Baut                                                              | Estimasi     | bh  | 2.816,00  | Rp 6.300,00           | 11%          | Rp 19.692.288,00     |
| 9     | Angkur Ø 19 mm                                                    | Estimasi     | bh  | 360,00    | Rp 61.750,00          | 11%          | Rp 24.675.300,00     |
| 10    | Meni zincromate                                                   | A.4.7.1.17   | m2  | 995,58    | Rp 61.942,00          | 11%          | Rp 68.451.720,16     |
| 11    | Penutup atap galvalume t = 0,6 mm                                 | A.4.5.2.32.1 | m2  | 126,86    | Rp 255.355,00         | 11%          | Rp 35.957.712,18     |

| NO.                                                                     | URAIAN PEKERJAAN                                                                                                  | KODE        | SAT  | VOLUME    | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.) |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|------|-----------|-----------------------|--------------|----------------------|
| E.3                                                                     | PEKERJAAN KONSTRUKSI PANJAT TEBING                                                                                |             |      |           |                       |              |                      |
| E.3.1                                                                   | CLIMBING LEAD WALL 12M X 15M (Self Standing Structure)                                                            |             |      |           |                       |              |                      |
| 1                                                                       | LEAD WALL Secondary Structure                                                                                     |             |      |           |                       |              |                      |
|                                                                         | - Baja Profil Hollow 100 x 100 x 3                                                                                | A.4.2.1.1   | kg   | 4.674,53  | Rp 28.121,00          | 11%          | Rp 145.912.228,52    |
|                                                                         | - Baja Profil Hollow 100 x 50 x 3                                                                                 | A.4.2.1.1   | kg   | 3.684,81  | Rp 28.121,00          | 11%          | Rp 115.018.801,63    |
|                                                                         | - Baja Profil L 70 x 70 x 7                                                                                       | A.4.2.1.1   | kg   | 774,90    | Rp 28.121,00          | 11%          | Rp 24.187.968,82     |
|                                                                         | - Baja Profil L 50 x 50 x 5                                                                                       | A.4.2.1.1   | kg   | 980,20    | Rp 28.121,00          | 11%          | Rp 30.596.266,66     |
|                                                                         | - Baja Plat                                                                                                       | A.4.2.1.1   | kg   | 2.599,92  | Rp 28.121,00          | 11%          | Rp 81.154.708,86     |
|                                                                         | - Perakitan konstruksi baja                                                                                       | A.4.2.1.3.a | kg   | 12.714,36 | Rp 883,00             | 11%          | Rp 12.461.725,67     |
|                                                                         | - Bolt 16x40 mm                                                                                                   |             | bh   | 1.080,00  | Rp 7.475,00           | 11%          | Rp 8.961.030,00      |
|                                                                         | - Pengecatan Meni zincromate                                                                                      | A.4.7.1.17  | m2   | 1.412,68  | Rp 61.942,00          | 11%          | Rp 97.129.689,26     |
| 2                                                                       | LEAD WALL Secondary Frame Structure                                                                               |             |      |           |                       |              |                      |
|                                                                         | - Baja Profil L 40 x 40 x 4                                                                                       | A.4.2.1.1   | kg   | 1.272,48  | Rp 28.121,00          | 11%          | Rp 39.719.585,19     |
|                                                                         | - Baja Profil L 40 x 60 x 2                                                                                       | A.4.2.1.1   | kg   | 1.934,03  | Rp 28.121,00          | 11%          | Rp 60.369.411,97     |
|                                                                         | - Baja Plat                                                                                                       | A.4.2.1.1   | kg   | 251,81    | Rp 28.121,00          | 11%          | Rp 7.860.075,40      |
|                                                                         | - Perakitan konstruksi baja                                                                                       | A.4.2.1.3.a | kg   | 3.458,32  | Rp 883,00             | 11%          | Rp 3.389.603,18      |
|                                                                         | - Bolt 12x40 mm                                                                                                   |             | bh   | 1.056,00  | Rp 4.025,00           | 11%          | Rp 4.717.944,00      |
|                                                                         | - Dinamic Plat                                                                                                    |             | bh   | 860,00    | Rp 63.825,00          | 11%          | Rp 60.927.345,00     |
|                                                                         | - Hanger                                                                                                          |             | bh   | 200,00    | Rp 75.440,00          | 11%          | Rp 16.747.680,00     |
|                                                                         | - Pengecatan Meni zincromate                                                                                      | A.4.7.1.17  | m2   | 611,64    | Rp 61.942,00          | 11%          | Rp 42.053.687,42     |
| 3                                                                       | Panel PVC Board Coating Fiberglass Resin (Lead Wall)                                                              |             | m2   | 242,85    | Rp 3.978.000,00       | 11%          | Rp 1.072.323.603,00  |
| E.3.2                                                                   | CLIMBING WALL SPEED 12M X 15M (Self Standing Structure)                                                           |             |      |           |                       |              |                      |
| 1                                                                       | SPEED WALL Secondary Structure                                                                                    |             |      |           |                       |              |                      |
|                                                                         | - Baja Profil Hollow 100 x 50 x 3                                                                                 | A.4.2.1.1   | kg   | 2.959,98  | Rp 28.121,00          | 11%          | Rp 92.393.733,31     |
|                                                                         | - Baja Profil L 50 x 50 x 5                                                                                       | A.4.2.1.1   | kg   | 271,44    | Rp 28.121,00          | 11%          | Rp 8.472.812,31      |
|                                                                         | - Baja Plat                                                                                                       | A.4.2.1.1   | kg   | 423,90    | Rp 28.121,00          | 11%          | Rp 13.231.746,01     |
|                                                                         | - Perakitan konstruksi baja                                                                                       | A.4.2.1.3.a | kg   | 3.655,32  | Rp 883,00             | 11%          | Rp 3.582.688,79      |
|                                                                         | - Bolt 12x40 mm                                                                                                   |             | bh   | 850,00    | Rp 4.025,00           | 11%          | Rp 3.797.587,50      |
|                                                                         | - Pengecatan Meni zincromate                                                                                      | A.4.7.1.17  | m2   | 300,81    | Rp 61.942,00          | 11%          | Rp 20.682.378,05     |
| 2                                                                       | SPEED WALL Secondary Frame Structure                                                                              |             |      |           |                       |              |                      |
|                                                                         | - Baja Profil L 40 x 60 x 2                                                                                       | A.4.2.1.1   | kg   | 489,84    | Rp 28.121,00          | 11%          | Rp 15.290.017,61     |
|                                                                         | - Baja Plat                                                                                                       | A.4.2.1.1   | kg   | 22,61     | Rp 28.121,00          | 11%          | Rp 705.755,55        |
|                                                                         | - Perakitan konstruksi baja                                                                                       | A.4.2.1.3.a | kg   | 512,45    | Rp 883,00             | 11%          | Rp 502.267,62        |
|                                                                         | - Skruf 6x70                                                                                                      |             | bh   | 1.500,00  | Rp 1.495,00           | 11%          | Rp 2.489.175,00      |
|                                                                         | - Top Belay                                                                                                       |             | set  | 4,00      | Rp 5.806.350,00       | 11%          | Rp 25.780.194,00     |
|                                                                         | - Pengecatan Meni zincromate                                                                                      | A.4.7.1.17  | m2   | 47,58     | Rp 61.942,00          | 11%          | Rp 3.271.392,40      |
| 3                                                                       | Speed Wall License IFSC                                                                                           |             | m2   | 200,00    | Rp 10.118.400,00      | 11%          | Rp 2.246.284.800,00  |
| 4                                                                       | IFSC SW Registration Fee                                                                                          |             | unit | 2,00      | Rp 80.750.000,00      | 11%          | Rp 179.265.000,00    |
| 5                                                                       | Perfect Descent Perfect DESCENT                                                                                   |             | unit | 4,00      | Rp 65.985.942,00      | 11%          | Rp 292.977.582,48    |
| 6                                                                       | IFSC Official Speed Holds Pack 15M-1                                                                              |             | unit | 4,00      | Rp 40.759.200,00      | 11%          | Rp 180.970.848,00    |
| 7                                                                       | Timer Set for IFSC Speed Wall (x2)                                                                                |             | unit | 2,00      | Rp 182.865.600,00     | 11%          | Rp 405.961.632,00    |
| E.3.3                                                                   | CLIMBING WALL BOULDER 32M X 4,5M (Self Standing Structure)                                                        |             |      |           |                       |              |                      |
| 1                                                                       | BOULDER WALL Secondary Structure                                                                                  |             |      |           |                       |              |                      |
|                                                                         | - Baja Profil Hollow 100 x 50 x 3                                                                                 | A.4.2.1.1   | kg   | 5.189,11  | Rp 28.121,00          | 11%          | Rp 161.974.488,16    |
|                                                                         | - Baja Profil L 50 x 50 x 5                                                                                       | A.4.2.1.1   | kg   | 693,68    | Rp 28.121,00          | 11%          | Rp 21.652.742,56     |
|                                                                         | - Baja Plat                                                                                                       | A.4.2.1.1   | kg   | 1.745,92  | Rp 28.121,00          | 11%          | Rp 54.497.688,12     |
|                                                                         | - Perakitan konstruksi baja                                                                                       | A.4.2.1.3.a | kg   | 7.628,71  | Rp 883,00             | 11%          | Rp 7.477.127,53      |
|                                                                         | - Bolt 16x40 mm                                                                                                   |             | bh   | 1.024,00  | Rp 7.475,00           | 11%          | Rp 8.496.384,00      |
|                                                                         | - Pengecatan Meni zincromate                                                                                      | A.4.7.1.17  | m2   | 918,99    | Rp 61.942,00          | 11%          | Rp 63.185.727,22     |
| 2                                                                       | BOULDER WALL Secondary Frame Structure                                                                            |             |      |           |                       |              |                      |
|                                                                         | - Baja Profil L 40 x 40 x 4                                                                                       | A.4.2.1.1   | kg   | 925,44    | Rp 28.121,00          | 11%          | Rp 28.886.971,05     |
|                                                                         | - Baja Profil L 40 x 60 x 2                                                                                       | A.4.2.1.1   | kg   | 1.555,87  | Rp 28.121,00          | 11%          | Rp 48.565.408,50     |
|                                                                         | - Baja Plat                                                                                                       | A.4.2.1.1   | kg   | 174,25    | Rp 28.121,00          | 11%          | Rp 5.439.093,52      |
|                                                                         | - Perakitan konstruksi baja                                                                                       | A.4.2.1.3.a | kg   | 2.655,56  | Rp 883,00             | 11%          | Rp 2.602.794,02      |
|                                                                         | - Bolt 12x40 mm                                                                                                   |             | bh   | 672,00    | Rp 4.025,00           | 11%          | Rp 3.002.328,00      |
|                                                                         | - Dinamic Plat                                                                                                    |             | bh   | 165,00    | Rp 63.825,00          | 11%          | Rp 11.689.548,75     |
|                                                                         | - Pengecatan Meni zincromate                                                                                      | A.4.7.1.17  | m2   | 251,20    | Rp 61.942,00          | 11%          | Rp 17.271.411,74     |
| 3                                                                       | Panel PVC Board Coating Fiberglass Resin Boulder                                                                  |             | m2   | 201,51    | Rp 3.978.000,00       | 11%          | Rp 889.783.525,80    |
| Total Pekerjaan Panjat Tebing ( Lead Wall, Boulder Wall, Speed Wr Wall) |                                                                                                                   |             |      |           |                       |              | 9.393.171.947,47     |
| F.                                                                      | PEKERJAAN PLUMBING                                                                                                |             |      |           |                       |              |                      |
| F.1.                                                                    | PEKERJAAN INSTALASI AIR BERSIH                                                                                    |             |      |           |                       |              |                      |
|                                                                         | Rumah pompa                                                                                                       |             |      |           |                       |              |                      |
| 1                                                                       | Instalasi air bersih kawasan ke Gedung , instalasi pipa air                                                       |             | ls   | 1,00      | Rp 6.000.000,00       | 11%          | Rp 6.660.000,00      |
| 2                                                                       | Ground water tank (GWT) kap 4m3 (terpasang)                                                                       |             | unit | 1,00      | Rp 11.378.000,00      | 11%          | Rp 12.629.580,00     |
| 3                                                                       | Pompa Transfer Package (1 set: 2 Pump- 1 stand by)                                                                |             | set  | 1,00      | Rp 71.091.600,00      | 11%          | Rp 78.911.676,00     |
|                                                                         | Cap : 100 lpm                                                                                                     |             |      |           |                       |              |                      |
|                                                                         | Head : 30 m                                                                                                       |             |      |           |                       |              |                      |
|                                                                         | Model : Centrifugal end suction monoblock                                                                         |             |      |           |                       |              |                      |
|                                                                         | Material                                                                                                          |             |      |           |                       |              |                      |
|                                                                         | -casing : Cast Iron                                                                                               |             |      |           |                       |              |                      |
|                                                                         | -Impeller : Cast Iron                                                                                             |             |      |           |                       |              |                      |
|                                                                         | -Shaft : AISI 304                                                                                                 |             |      |           |                       |              |                      |
|                                                                         | Power : 2 x 1.1 kW / 3ph/ 380 V/ 50 Hz                                                                            |             |      |           |                       |              |                      |
|                                                                         | include Panel Kontrol, WLC                                                                                        |             |      |           |                       |              |                      |
| 2                                                                       | Header Ø83                                                                                                        |             | set  | 2,00      | Rp 1.479.400,00       | 11%          | Rp 3.284.268,00      |
| 3                                                                       | Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"                                                                           |             | m'   | 6,00      | Rp 63.600,00          | 11%          | Rp 423.576,00        |
| 4                                                                       | Pipa PVC AW Dia. 2"                                                                                               |             | m'   | 3,00      | Rp 72.700,00          | 11%          | Rp 242.091,00        |
| 5                                                                       | Gate Valve 5K Dia. 25 mm Setara Dia. 3/4"                                                                         |             | unit | 1,00      | Rp 267.000,00         | 11%          | Rp 296.370,00        |
| 6                                                                       | Gate Valve 5K Dia. 32 mm Setara Dia. 1"                                                                           |             | unit | 5,00      | Rp 373.100,00         | 11%          | Rp 2.070.705,00      |
| 7                                                                       | Kerangkeng pompa uk. (plxlt )200x100x60cm,<br>material besi siku 4X4 kombinasi besi nako lengkap dengan aksesoris |             | unit | 1,00      | Rp 4.200.000,00       | 11%          | Rp 4.662.000,00      |
|                                                                         |                                                                                                                   |             |      |           |                       |              |                      |
|                                                                         | Lantai 1                                                                                                          |             |      |           |                       |              |                      |
| 1                                                                       | Pipa PPRPN 10 Dia. 20 mm Setara Dia. 1/2"                                                                         |             | m'   | 27,00     | Rp 29.200,00          | 11%          | Rp 875.124,00        |
| 2                                                                       | Pipa PPRPN 10 Dia. 25 mm Setara Dia. 3/4"                                                                         |             | m'   | 35,75     | Rp 40.600,00          | 11%          | Rp 1.611.109,50      |
| 3                                                                       | Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"                                                                           |             | m'   | 12,00     | Rp 63.600,00          | 11%          | Rp 847.152,00        |
| 4                                                                       | Gate Valve 5K Dia. 25 mm Setara Dia. 3/4"                                                                         |             | unit | 2,00      | Rp 267.000,00         | 11%          | Rp 592.740,00        |
| 5                                                                       | Gate Valve 5K Dia. 32 mm Setara Dia. 1"                                                                           |             | unit | 1,00      | Rp 373.100,00         | 11%          | Rp 414.141,00        |

| NO.                                  | URAIAN PEKERJAAN                                                                                                                                 | KODE | SAT  | VOLUME | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.) |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------|------|--------|-----------------------|--------------|----------------------|
|                                      | Lantai 2                                                                                                                                         |      |      |        |                       |              |                      |
| 1                                    | Pipa PPRPN 10 Dia. 20 mm Setara Dia. 1/2"                                                                                                        |      | m'   | 36,00  | Rp 29.200,00          | 11%          | Rp 1.166.832,00      |
| 2                                    | Pipa PPRPN 10 Dia. 25 mm Setara Dia. 3/4"                                                                                                        |      | m'   | 31,30  | Rp 40.600,00          | 11%          | Rp 1.410.565,80      |
| 3                                    | Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"                                                                                                          |      | m'   | 12,00  | Rp 63.600,00          | 11%          | Rp 847.152,00        |
| 4                                    | Gate Valve 5K Dia. 25 mm Setara Dia. 3/4"                                                                                                        |      | unit | 1,00   | Rp 267.000,00         | 11%          | Rp 296.370,00        |
|                                      |                                                                                                                                                  |      |      |        |                       |              |                      |
|                                      | Lantai Atap                                                                                                                                      |      |      |        |                       |              |                      |
| 1                                    | Tanki Stainless Steel Kap. 1,5 m3 (Roof Water Tank)                                                                                              |      | unit | 3,00   | Rp 10.132.900,00      | 11%          | Rp 33.742.557,00     |
| 2                                    | Booster Pump (1 set: 2 Pump- 1 stand by)                                                                                                         |      | set  | 1,00   | Rp 69.760.600,00      | 11%          | Rp 77.434.266,00     |
|                                      | Cap : 20 lpm                                                                                                                                     |      |      |        |                       |              |                      |
|                                      | Head : 10 m                                                                                                                                      |      |      |        |                       |              |                      |
|                                      | Model : Centrifugal end suction monoblock                                                                                                        |      |      |        |                       |              |                      |
|                                      | Material                                                                                                                                         |      |      |        |                       |              |                      |
|                                      | -casing : AISI 304                                                                                                                               |      |      |        |                       |              |                      |
|                                      | -Impeller : AISI 304                                                                                                                             |      |      |        |                       |              |                      |
|                                      | -Shaft : AISI 304                                                                                                                                |      |      |        |                       |              |                      |
|                                      | Power : 0.37 kW / 3ph/ 380 V/ 50 Hz                                                                                                              |      |      |        |                       |              |                      |
|                                      | include Panel Kontrol, diaphragm Pressure Tank 100 L , Flexible joint, gate valve, ball valve, Pressure Gauge, Pressure Switch, Header & Fitting |      |      |        |                       |              |                      |
|                                      |                                                                                                                                                  |      |      |        |                       |              |                      |
| 3                                    | Header Ø83                                                                                                                                       |      | set  | 2,00   | Rp 1.479.400,00       | 11%          | Rp 3.284.268,00      |
| 4                                    | Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"                                                                                                          |      | m'   | 9,00   | Rp 63.600,00          | 11%          | Rp 635.364,00        |
| 5                                    | Pipa PVC AW Dia. 2"                                                                                                                              |      | m'   | 3,00   | Rp 72.700,00          | 11%          | Rp 242.091,00        |
| 6                                    | Gate Valve 5K Dia. 25 mm Setara Dia. 3/4"                                                                                                        |      | unit | 1,00   | Rp 267.000,00         | 11%          | Rp 296.370,00        |
| 7                                    | Gate Valve 5K Dia. 32 mm Setara Dia. 1"                                                                                                          |      | unit | 7,00   | Rp 373.100,00         | 11%          | Rp 2.898.987,00      |
| 8                                    | Check Valve Dia. 32 mm Setara Dia. 1"                                                                                                            |      | unit | 2,00   | Rp 269.900,00         | 11%          | Rp 599.178,00        |
|                                      |                                                                                                                                                  |      |      |        |                       |              |                      |
|                                      | Siteplan                                                                                                                                         |      |      |        |                       |              |                      |
| 1                                    | Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"                                                                                                          |      | m'   | 95,00  | Rp 63.600,00          | 11%          | Rp 6.706.620,00      |
| 2                                    | Pipa PPRPN 10 Dia. 25 mm Setara Dia. 3/4"                                                                                                        |      | m'   | 4,00   | Rp 40.600,00          | 11%          | Rp 180.264,00        |
|                                      |                                                                                                                                                  |      |      |        |                       |              |                      |
|                                      | Toilet 1                                                                                                                                         |      |      |        |                       |              |                      |
| 1                                    | Pipa PPRPN 10 Dia. 20 mm Setara Dia. 1/2"                                                                                                        |      | m'   | 54,00  | Rp 29.200,00          | 11%          | Rp 1.750.248,00      |
| 2                                    | Pipa PPRPN 10 Dia. 25 mm Setara Dia. 3/4"                                                                                                        |      | m'   | 29,50  | Rp 40.600,00          | 11%          | Rp 1.329.447,00      |
| 3                                    | Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"                                                                                                          |      | m'   | 6,50   | Rp 63.600,00          | 11%          | Rp 458.874,00        |
| 4                                    | Gate Valve 5K Dia. 32 mm Setara Dia. 1"                                                                                                          |      | unit | 1,00   | Rp 373.100,00         | 11%          | Rp 414.141,00        |
|                                      |                                                                                                                                                  |      |      |        |                       |              |                      |
|                                      | Toilet 2                                                                                                                                         |      |      |        |                       |              |                      |
| 1                                    | Pipa PPRPN 10 Dia. 20 mm Setara Dia. 1/2"                                                                                                        |      | m'   | 33,00  | Rp 29.200,00          | 11%          | Rp 1.069.596,00      |
| 2                                    | Pipa PPRPN 10 Dia. 25 mm Setara Dia. 3/4"                                                                                                        |      | m'   | 18,00  | Rp 40.600,00          | 11%          | Rp 811.188,00        |
| 3                                    | Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"                                                                                                          |      | m'   | 6,50   | Rp 63.600,00          | 11%          | Rp 458.874,00        |
| 4                                    | Gate Valve 5K Dia. 32 mm Setara Dia. 1"                                                                                                          |      | unit | 1,00   | Rp 373.100,00         | 11%          | Rp 414.141,00        |
|                                      |                                                                                                                                                  |      |      |        |                       |              |                      |
| Total Pekerjaan Instalasi Air Bersih |                                                                                                                                                  |      |      |        |                       |              | 249.967.926,30       |
| F.2.                                 | PEKERJAAN INSTALASI AIR KOTOR BEKAS, VENT                                                                                                        |      |      |        |                       |              |                      |
|                                      | Lantai Dasar                                                                                                                                     |      |      |        |                       |              |                      |
| 1                                    | Pipa PVC AW Dia. 1"                                                                                                                              |      | m'   | 3,00   | Rp 37.600,00          | 11%          | Rp 125.208,00        |
| 2                                    | Pipa PVC AW Dia. 2"                                                                                                                              |      | m'   | 16,40  | Rp 72.700,00          | 11%          | Rp 1.323.430,80      |
| 3                                    | Pipa PVC AW Dia. 3"                                                                                                                              |      | m'   | 30,00  | Rp 137.500,00         | 11%          | Rp 4.578.750,00      |
| 4                                    | Pipa PVC AW Dia. 4"                                                                                                                              |      | m'   | 19,20  | Rp 206.700,00         | 11%          | Rp 4.405.190,40      |
| 5                                    | Clean Out PVC Dia. 3"                                                                                                                            |      | bh   | 2,00   | Rp 33.200,00          | 11%          | Rp 73.704,00         |
| 6                                    | Clean Out PVC Dia. 4"                                                                                                                            |      | bh   | 2,00   | Rp 51.200,00          | 11%          | Rp 113.664,00        |
| 7                                    | Bio Septic Tank ; Cap : 4 m3/day                                                                                                                 |      | unit | 1,00   | Rp 17.852.700,00      | 11%          | Rp 19.816.497,00     |
| 8                                    | Sumur Resapan 1.5 m3 ;                                                                                                                           |      | unit | 1,00   | Rp 3.261.900,00       | 11%          | Rp 3.620.709,00      |
|                                      |                                                                                                                                                  |      |      |        |                       |              |                      |
|                                      | Lantai 2                                                                                                                                         |      |      |        |                       |              |                      |
| 1                                    | Pipa PVC AW Dia. 2"                                                                                                                              |      | m'   | 18,80  | Rp 72.700,00          | 11%          | Rp 1.517.103,60      |
| 2                                    | Pipa PVC AW Dia. 3"                                                                                                                              |      | m'   | 27,60  | Rp 137.500,00         | 11%          | Rp 4.212.450,00      |



| NO.                                    | URAIAN PEKERJAAN                                                                                              | KODE | SAT   | VOLUME | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.) |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------|------|-------|--------|-----------------------|--------------|----------------------|
| G                                      | PEKERJAAN MEKANIKAL                                                                                           |      |       |        |                       |              |                      |
| G.1                                    | PEKERJAAN TATA UDARA                                                                                          |      |       |        |                       |              |                      |
|                                        | Pekerjaan Air Conditioning sudah termasuk pipa refrigerant dan pipa drain<br>Type Air Condntioning : Inverter |      |       |        |                       |              |                      |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
|                                        | Lantai 1                                                                                                      |      |       |        |                       |              |                      |
| 1                                      | Instalasi Titik AC Indoor ; Kabel NYM 3 x 4 mm2                                                               |      | titik | 3,00   | Rp 555.000,00         | 11%          | Rp 1.848.150,00      |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
|                                        | Lantai 2                                                                                                      |      |       |        |                       |              |                      |
| 1                                      | Instalasi Titik AC Indoor ; Kabel NYM 3 x 4 mm2                                                               |      | titik | 6,00   | Rp 555.000,00         | 11%          | Rp 3.696.300,00      |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
| Total Pekerjaan Tata Udara             |                                                                                                               |      |       |        |                       |              | 5.544.450,00         |
| Total Pekerjaan Mekanikal              |                                                                                                               |      |       |        |                       |              | 5.544.450,00         |
| H.                                     | PEKERJAAN ELEKTRIKAL                                                                                          |      |       |        |                       |              |                      |
| H.1                                    | PEKERJAAN PANEL DAN KABEL FEEDER                                                                              |      |       |        |                       |              |                      |
|                                        | PANEL-PANEL                                                                                                   |      |       |        |                       |              |                      |
| 1                                      | LVMDP + ATS AMF + CAPASITOR BANK 6 Steps ( 30 kVAR)                                                           |      | unit  | 1,00   | Rp 71.850.000,00      | 11%          | Rp 79.753.500,00     |
| 2                                      | MDP                                                                                                           |      | unit  | 1,00   | Rp 30.000.000,00      | 11%          | Rp 33.300.000,00     |
| 3                                      | SDP.PP.1 (PENGELOLA LT.1)                                                                                     |      | unit  | 1,00   | Rp 15.000.000,00      | 11%          | Rp 16.650.000,00     |
| 4                                      | SDP.PP.2 (PENGELOLA LT.2)                                                                                     |      | unit  | 1,00   | Rp 15.000.000,00      | 11%          | Rp 16.650.000,00     |
| 5                                      | SDP.PP.3 (TOILET 2)                                                                                           |      | unit  | 1,00   | Rp 15.000.000,00      | 11%          | Rp 16.650.000,00     |
| 6                                      | SDP.PP.4 (BOULDER WALL)                                                                                       |      | unit  | 1,00   | Rp 15.000.000,00      | 11%          | Rp 16.650.000,00     |
| 7                                      | SDP.PP.5 (SPEED WALL)                                                                                         |      | unit  | 1,00   | Rp 15.000.000,00      | 11%          | Rp 16.650.000,00     |
| 8                                      | SDP.PP.6 (TOILET 1)                                                                                           |      | unit  | 1,00   | Rp 15.000.000,00      | 11%          | Rp 16.650.000,00     |
| 9                                      | SDP.PP.7 (LEAD WALL)                                                                                          |      | unit  | 1,00   | Rp 15.000.000,00      | 11%          | Rp 16.650.000,00     |
| 10                                     | PP. POMPA TRANSFER                                                                                            |      | unit  | 1,00   | Rp 2.500.000,00       | 11%          | Rp 2.775.975,00      |
| 11                                     | PP. POMPA BOSTER                                                                                              |      | unit  | 1,00   | Rp 2.500.000,00       | 11%          | Rp 2.775.000,00      |
| 12                                     | PP.GENSET                                                                                                     |      | unit  | 1,00   | Rp 2.500.000,00       | 11%          | Rp 2.775.000,00      |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
|                                        | KABEL                                                                                                         |      |       |        |                       |              |                      |
| 1                                      | N2XSX 3x (1C-70 mm2) , Kabel dari Cubicle PLN ke Cubicle Pelanggan                                            |      | m'    | 20,00  | Rp 705.700,00         | 11%          | Rp 15.666.540,00     |
| 2                                      | N2XSX 3X (1C-70 mm2) + NYY 1C-70 mm2, Kabel dari Cubicle Pelanggan ke Trafo                                   |      | m'    | 5,00   | Rp 705.700,00         | 11%          | Rp 3.916.635,00      |
| 3                                      | NYY 4x (1C-50 mm2) + Grounding, Kabel dari Trafo ke LVMDP                                                     |      | m'    | 8,00   | Rp 563.500,00         | 11%          | Rp 5.003.880,00      |
| 4                                      | NYY 4x (1C-50 mm2) + Grounding, Kabel dari LVMDP ke MDP                                                       |      | m'    | 35,00  | Rp 563.500,00         | 11%          | Rp 21.891.975,00     |
| 5                                      | NYY 4C-6 mm2 + Grounding, Kabel dari MDP ke SDP.PP.1                                                          |      | m'    | 6,00   | Rp 121.100,00         | 11%          | Rp 806.526,00        |
| 6                                      | NYY 4C-6 mm2 + Grounding, Kabel dari MDP ke SDP.PP.2                                                          |      | m'    | 11,00  | Rp 121.100,00         | 11%          | Rp 1.478.631,00      |
| 7                                      | NYFGbY 4C-6 mm2 + Grounding, Kabel dari MDP ke SDP.PP.3                                                       |      | m'    | 59,40  | Rp 141.700,00         | 11%          | Rp 9.342.847,80      |
| 8                                      | NYFGbY 4C-6 mm2 + Grounding, Kabel dari MDP ke SDP.PP.4                                                       |      | m'    | 35,20  | Rp 141.700,00         | 11%          | Rp 5.536.502,40      |
| 9                                      | NYFGbY 4C-6 mm2 + Grounding, Kabel dari MDP ke SDP.PP.5                                                       |      | m'    | 68,20  | Rp 141.700,00         | 11%          | Rp 10.726.973,40     |
| 10                                     | NYFGbY 4C-6 mm2 + Grounding, Kabel dari MDP ke SDP.PP.6                                                       |      | m'    | 92,40  | Rp 141.700,00         | 11%          | Rp 14.533.318,80     |
| 11                                     | NYFGbY 4C-6 mm2 + Grounding, Kabel dari MDP ke SDP.PP.7                                                       |      | m'    | 112,80 | Rp 141.700,00         | 11%          | Rp 17.741.973,60     |
| 12                                     | NYFGbY 4C-4 mm2 + Grounding, Kabel dari MDP ke PP-POMPA TRNSFER                                               |      | m'    | 10,00  | Rp 89.800,00          | 11%          | Rp 996.780,00        |
| 13                                     | NYFGbY 4C-4 mm2 + Grounding, Kabel dari MDP ke PP-POMPA BOSTER                                                |      | m'    | 20,00  | Rp 89.800,00          | 11%          | Rp 1.993.560,00      |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
| Total Pekerjaan Panel Dan Kabel Feeder |                                                                                                               |      |       |        |                       |              | 347.564.643,00       |
| H.1                                    | PEKERJAAN LAMPU PENERANGAN, STOP KONTAK DAN INSTALASI                                                         |      |       |        |                       |              |                      |
|                                        | Lantai 1                                                                                                      |      |       |        |                       |              |                      |
| 1                                      | LED Strip 5,6w/m, 3.000°K c/w driver                                                                          |      | m'    | 24,00  | Rp 42.900,00          | 11%          | Rp 1.142.856,00      |
| 2                                      | Down Light outbow Ø.200mm LED 10w, 4000°K                                                                     |      | bh    | 17,00  | Rp 402.800,00         | 11%          | Rp 7.600.836,00      |
| 3                                      | Down Light inbow Ø.125mm LED 10w, 4.000°K                                                                     |      | bh    | 4,00   | Rp 364.000,00         | 11%          | Rp 1.616.160,00      |
| 4                                      | Down Light inbow Ø.200mm LED 22w, 6.500°K                                                                     |      | bh    | 22,00  | Rp 382.000,00         | 11%          | Rp 9.328.440,00      |
| 5                                      | Lampu Exit Double Side LED HI, 4w                                                                             |      | bh    | 2,00   | Rp 2.011.300,00       | 11%          | Rp 4.465.086,00      |
| 6                                      | Spot Light GU 5.3, LED 7w, 4.000°K                                                                            |      | bh    | 4,00   | Rp 1.020.000,00       | 11%          | Rp 4.528.800,00      |
| 7                                      | Instalasi titik Penerangan, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm                                          |      | bh    | 49,00  | Rp 426.500,00         | 11%          | Rp 23.197.335,00     |
| 8                                      | Ceiling Mounted Exhaust Fan type Duct pipe 100 cfm                                                            |      | titik | 2,00   | Rp 1.344.900,00       | 11%          | Rp 2.985.678,00      |
| 9                                      | Saklar ganda                                                                                                  |      | bh    | 11,00  | Rp 71.200,00          | 11%          | Rp 869.352,00        |
| 10                                     | Saklar hotel                                                                                                  |      | bh    | 1,00   | Rp 79.000,00          | 11%          | Rp 87.690,00         |
| 11                                     | Emergency batteray                                                                                            |      | bh    | 4,00   | Rp 372.600,00         | 11%          | Rp 1.654.344,00      |
| 12                                     | Stop kontak dinding 1 engkel (1 lubang)                                                                       |      | bh    | 13,00  | Rp 99.900,00          | 11%          | Rp 1.441.557,00      |
| 13                                     | Stop kontak dinding 2 Lubang                                                                                  |      | bh    | 6,00   | Rp 183.200,00         | 11%          | Rp 1.220.112,00      |
| 14                                     | Stop kontak lantai                                                                                            |      | bh    | 2,00   | Rp 516.600,00         | 11%          | Rp 1.146.852,00      |
| 15                                     | Instalasi titik Kotak Kontak , 1 phasa, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm                              |      | titik | 21,00  | Rp 429.400,00         | 11%          | Rp 10.009.314,00     |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
|                                        | Lantai 2                                                                                                      |      |       |        |                       |              |                      |
| 1                                      | LED Strip 5,6w/m, 3.000°K c/w driver                                                                          |      | m'    | 42,00  | Rp 42.900,00          | 11%          | Rp 1.999.998,00      |
| 2                                      | Down Light outbow Ø.200mm LED 10w, 4000°K                                                                     |      | bh    | 16,00  | Rp 402.800,00         | 11%          | Rp 7.153.728,00      |
| 3                                      | Down Light inbow Ø.125mm LED 10w, 4.000°K                                                                     |      | bh    | 12,00  | Rp 364.000,00         | 11%          | Rp 4.848.480,00      |
| 4                                      | Down Light inbow Ø.200mm LED 22w, 6.500°K                                                                     |      | bh    | 23,00  | Rp 382.000,00         | 11%          | Rp 9.752.460,00      |
| 5                                      | Lampu Exit Double Side LED HI, 4w                                                                             |      | bh    | 1,00   | Rp 2.011.300,00       | 11%          | Rp 2.232.543,00      |
| 6                                      | Instalasi titik Penerangan, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm                                          |      | bh    | 52,00  | Rp 426.500,00         | 11%          | Rp 24.617.580,00     |
| 7                                      | Saklar tunggal                                                                                                |      | bh    | 7,00   | Rp 53.600,00          | 11%          | Rp 416.472,00        |
| 8                                      | Saklar ganda                                                                                                  |      | bh    | 16,00  | Rp 71.200,00          | 11%          | Rp 1.264.512,00      |
| 9                                      | Saklar hotel                                                                                                  |      | bh    | 1,00   | Rp 79.000,00          | 11%          | Rp 87.690,00         |
| 10                                     | Emergency batteray                                                                                            |      | bh    | 2,00   | Rp 372.600,00         | 11%          | Rp 827.172,00        |
| 11                                     | Stop kontak dinding 1 engkel (1 lubang)                                                                       |      | bh    | 7,00   | Rp 99.900,00          | 11%          | Rp 776.223,00        |
| 12                                     | Stop kontak dinding 2 Lubang                                                                                  |      | bh    | 12,00  | Rp 183.200,00         | 11%          | Rp 2.440.224,00      |
| 13                                     | Instalasi titik Kotak Kontak , 1 phasa, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm                              |      | titik | 19,00  | Rp 429.400,00         | 11%          | Rp 9.056.046,00      |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
|                                        | Site Plan                                                                                                     |      |       |        |                       |              |                      |
| 1                                      | Kabel NYFGbY 4x4 mm2                                                                                          |      | m'    | 81,00  | Rp 114.900,00         | 11%          | Rp 10.330.659,00     |
| 2                                      | Kabel NYFGbY 4x6 mm2                                                                                          |      | m'    | 218,50 | Rp 141.700,00         | 11%          | Rp 34.367.209,50     |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
|                                        | Toilet 1                                                                                                      |      |       |        |                       |              |                      |
| 1                                      | LED Strip 5,6w/m, 6.500°K c/w driver                                                                          |      | m'    | 5,00   | Rp 75.100,00          | 11%          | Rp 416.805,00        |
| 2                                      | Down Light inbow Ø.125mm LED 10w, 4.000°K                                                                     |      | bh    | 10,00  | Rp 364.000,00         | 11%          | Rp 4.040.400,00      |
| 3                                      | Lampu Exit Double Side LED HI, 4w                                                                             |      | bh    | 2,00   | Rp 2.011.300,00       | 11%          | Rp 4.465.086,00      |
| 4                                      | Instalasi titik Penerangan, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm                                          |      | bh    | 12,00  | Rp 426.500,00         | 11%          | Rp 5.680.980,00      |
| 5                                      | Saklar tunggal                                                                                                |      | bh    | 6,00   | Rp 53.600,00          | 11%          | Rp 356.976,00        |
| 6                                      | Saklar ganda                                                                                                  |      | bh    | 3,00   | Rp 71.200,00          | 11%          | Rp 237.096,00        |
| 7                                      | Emergency batteray                                                                                            |      | bh    | 2,00   | Rp 372.600,00         | 11%          | Rp 827.172,00        |
| 8                                      | Stop kontak dinding 2 Lubang                                                                                  |      | bh    | 2,00   | Rp 183.200,00         | 11%          | Rp 406.704,00        |
| 9                                      | Instalasi titik Kotak Kontak , 1 phasa, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm                              |      | titik | 2,00   | Rp 429.400,00         | 11%          | Rp 953.268,00        |
|                                        |                                                                                                               |      |       |        |                       |              |                      |
|                                        | Toilet 2                                                                                                      |      |       |        |                       |              |                      |
| 1                                      | LED Strip 5,6w/m, 6.500°K c/w driver                                                                          |      | m'    | 3,70   | Rp 75.100,00          | 11%          | Rp 308.435,70        |
| 2                                      | Down Light inbow Ø.125mm LED 10w, 4.000°K                                                                     |      | bh    | 8,00   | Rp 364.000,00         | 11%          | Rp 3.232.320,00      |
| 3                                      | Lampu Exit Double Side LED HI, 4w                                                                             |      | bh    | 2,00   | Rp 2.011.300,00       | 11%          | Rp 4.465.086,00      |
| 4                                      | Instalasi titik Penerangan, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm                                          |      | bh    | 10,00  | Rp 426.500,00         | 11%          | Rp 4.734.150,00      |
| 5                                      | Saklar tunggal                                                                                                |      | bh    | 6,00   | Rp 53.600,00          | 11%          | Rp 356.976,00        |

| NO.                                                                | URAIAN PEKERJAAN                                                                     | KODE | SAT   | VOLUME | HARGA SATUAN<br>(Rp.) | PAJAK<br>(%) | TOTAL HARGA<br>(Rp.)     |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|-------|--------|-----------------------|--------------|--------------------------|
| 6                                                                  | Saklar ganda                                                                         |      | bh    | 2,00   | Rp 71.200,00          | 11%          | Rp 158.064,00            |
| 7                                                                  | Emergency batteray                                                                   |      | bh    | 2,00   | Rp 372.600,00         | 11%          | Rp 827.172,00            |
| 8                                                                  | Stop kontak dinding 2 Lubang                                                         |      | bh    | 2,00   | Rp 183.200,00         | 11%          | Rp 406.704,00            |
| 9                                                                  | Instalasi titik Kotak Kontak , 1 phasa, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm     |      | titik | 2,00   | Rp 429.400,00         | 11%          | Rp 953.268,00            |
|                                                                    | Boulder wall                                                                         |      |       |        |                       |              |                          |
| 1                                                                  | Flood light, LED 100w, 4.000°K                                                       |      | bh    | 12,00  | Rp 1.345.600,00       | 11%          | Rp 17.923.392,00         |
| 2                                                                  | Instalasi Titik Penerangan Luar, NYFGBY 4C - 4 mm2, c/w conduit dia. 20 mm           |      | bh    | 12,00  | Rp 1.842.500,00       | 11%          | Rp 24.542.100,00         |
| 3                                                                  | Stop kontak dinding 2 Lubang                                                         |      | bh    | 2,00   | Rp 183.200,00         | 11%          | Rp 406.704,00            |
| 4                                                                  | Instalasi titik Kotak Kontak , 1 phasa, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm     |      | titik | 2,00   | Rp 429.400,00         | 11%          | Rp 953.268,00            |
|                                                                    | Speed wall                                                                           |      |       |        |                       |              |                          |
| 1                                                                  | Flood light, LED 100w, 4.000°K                                                       |      | bh    | 4,00   | Rp 1.345.600,00       | 11%          | Rp 5.974.464,00          |
| 2                                                                  | Instalasi Titik Penerangan Luar, NYFGBY 4C - 4 mm2, c/w conduit dia. 20 mm           |      | bh    | 4,00   | Rp 1.842.500,00       | 11%          | Rp 8.180.700,00          |
| 3                                                                  | Stop kontak dinding 2 Lubang                                                         |      | bh    | 1,00   | Rp 183.200,00         | 11%          | Rp 203.352,00            |
| 4                                                                  | Instalasi titik Kotak Kontak , 1 phasa, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm     |      | titik | 1,00   | Rp 429.400,00         | 11%          | Rp 476.634,00            |
|                                                                    | Lead wall                                                                            |      |       |        |                       |              |                          |
| 1                                                                  | Flood light, LED 100w, 4.000°K                                                       |      | bh    | 4,00   | Rp 1.345.600,00       | 11%          | Rp 5.974.464,00          |
| 2                                                                  | Instalasi Titik Penerangan Luar, NYFGBY 4C - 4 mm2, c/w conduit dia. 20 mm           |      | bh    | 4,00   | Rp 1.842.500,00       | 11%          | Rp 8.180.700,00          |
| 3                                                                  | Stop kontak dinding 2 Lubang                                                         |      | bh    | 1,00   | Rp 183.200,00         | 11%          | Rp 203.352,00            |
| 4                                                                  | Instalasi titik Kotak Kontak , 1 phasa, NYM 3C - 2,5 mm2, c/w conduit dia. 20 mm     |      | titik | 1,00   | Rp 429.400,00         | 11%          | Rp 476.634,00            |
| <b>Total Pekerjaan Lampu Penerangan, Stop Kontak Dan Instalasi</b> |                                                                                      |      |       |        |                       |              | <b>287.787.835,20</b>    |
| H.2                                                                | PEKERJAAN KABEL TRAY                                                                 |      |       |        |                       |              |                          |
|                                                                    | Lantai 1                                                                             |      |       |        |                       |              |                          |
| 1                                                                  | Kabel Tray 200 x 100                                                                 |      | m'    | 31,00  | Rp 588.300,00         | 11%          | Rp 20.243.403,00         |
| 2                                                                  | Kabel Tray 300 x 100                                                                 |      | m'    | 31,00  | Rp 652.200,00         | 11%          | Rp 22.442.202,00         |
|                                                                    | Lantai 2                                                                             |      |       |        |                       |              |                          |
| 1                                                                  | Kabel Tray 200 x 100                                                                 |      | m'    | 31,00  | Rp 588.300,00         | 11%          | Rp 20.243.403,00         |
| 2                                                                  | Kabel Tray 300 x 100                                                                 |      | m'    | 31,00  | Rp 652.200,00         | 11%          | Rp 22.442.202,00         |
|                                                                    | RISER                                                                                |      |       |        |                       |              |                          |
| 1                                                                  | Kabel Tray 200 x 100                                                                 |      | m'    | 6,00   | Rp 588.300,00         | 11%          | Rp 3.918.078,00          |
| 1                                                                  | Kabel Tray 300 x 100                                                                 |      | m'    | 6,00   | Rp 652.200,00         | 11%          | Rp 4.343.652,00          |
| <b>Total Pekerjaan Kabel Tray</b>                                  |                                                                                      |      |       |        |                       |              | <b>93.632.940,00</b>     |
| H.3                                                                | PEKERJAAN PENANGKAL PETIR                                                            |      |       |        |                       |              |                          |
|                                                                    | Pekerjaan penangkal petir termasuk perijinan, test commisioning, material bantu, dll |      |       |        |                       |              |                          |
| 1                                                                  | Lightning Protection Elektrostatsi (E.S.E) Radius 200 meter                          |      | unit  | 1,00   | Rp 40.689.600,00      | 11%          | Rp 45.165.456,00         |
| 2                                                                  | Obstrucle Light 4w, 220v                                                             |      | unit  | 1,00   | Rp 5.467.600,00       | 11%          | Rp 6.069.036,00          |
| 3                                                                  | Tiang Penangkal Petir ; terdiri dari Pipa 2 Segment type Galvanized :                |      | unit  | 1,00   | Rp 1.484.400,00       | 11%          | Rp 1.647.684,00          |
|                                                                    | - Pipa Galvanis 50mm                                                                 |      |       |        |                       |              |                          |
|                                                                    | - Pipa Galvanis 65mm                                                                 |      |       |        |                       |              |                          |
| 4                                                                  | Kabel NYY 1x70 mm2                                                                   |      | m'    | 12,00  | Rp 192.100,00         | 11%          | Rp 2.558.772,00          |
| 5                                                                  | Kabel BC 50 mm2                                                                      |      | m'    | 15,00  | Rp 106.900,00         | 11%          | Rp 1.779.885,00          |
| 6                                                                  | Grounding Max 5 ohm                                                                  |      | unit  | 1,00   | Rp 17.923.700,00      | 11%          | Rp 19.895.307,00         |
| 7                                                                  | Bak Kontrol 60 x 60 x 65 cm                                                          |      | unit  | 1,00   | Rp 891.300,00         | 11%          | Rp 989.343,00            |
| <b>Total Pekerjaan Penangkal Petir</b>                             |                                                                                      |      |       |        |                       |              | <b>78.105.483,00</b>     |
| <b>Total Pekerjaan Elektrikal</b>                                  |                                                                                      |      |       |        |                       |              | <b>807.090.901,20</b>    |
| <b>TOTAL PEKERJAAN</b>                                             |                                                                                      |      |       |        |                       |              | <b>14.849.994.910,52</b> |