



PEMERINTAH KOTA MAKASSAR DINAS PEKERJAAN UMUM

RENCANA ANGGARAN BIAYA

REVIEW

PERENCANAAN PEDESTRIAN JL. ANDI DJEMMA MAKASSAR



**KONSULTAN PERENCANA
CV. MAKASSAR INDO CONSULTANT**

REKAPITULASI RENCANA ANGGARAN BIAYA (RAB) - ENGINEER ESTIMATE (EE)

Kegiatan : Penyelenggaraan Jalan Kota/Kabupaten
Pekerjaan : Belanja Jasa Konsultansi Perencanaan Rekayasa - Jasa Desain Rekayasa untuk Pekerjaan Teknik Sipil Transportasi - Konsultan Perencana Pedestrian JL.Andi Djemma (Ex.Landak Baru)
Instansi : Dinas Pekerjaan Umum Kota Makassar
Lokasi : Kota Makassar
Sumber Dana : APBD
Tahun : 2023

| NO. | ITEM PEKERJAAN | HARGA TOTAL (Rp.) |
|-----------------------------|----------------------------|-------------------|
| A. | PEKERJAAN PERSIAPAN | 308,560,308.53 |
| B. | PEKERJAAN PEMBONGKARAN | 76,937,920.60 |
| C. | PEKERJAAN PEDESTRIAN | 11,352,459,514.56 |
| D. | PEKERJAAN SARANA PENUNJANG | 1,775,384,295.93 |
| NILAI TOTAL PEKERJAAN (Rp.) | | 13,513,342,039.62 |
| PPN 11% | | 1,486,467,624.36 |
| GRAND TOTAL (Rp.) | | 14,999,809,663.98 |
| PEMBULATAN (Rp.) | | 14,999,800,000.00 |

TERBILANG : empat belas milyar sembilan ratus sembilan puluh sembilan juta delapan ratus ribu

Diperiksa :
KASIE PERENCANAAN &
DESIGN (PPTK)

Makassar, 2023
Konsultan Perencana
CV. Makassar Indo Consultant

Muhammad Rissal, S.T.
NIP : 19750629 201001 1 004

Syamsunar Kasim, ST., MT.
Direktur

Mengetahui :
KEPALA BIDANG JALAN &
JEMBATAN

Nurhaaq Alamsyah, S.T.
Pangkat : Pembina Tk. 1
NIP : 19790820 200411 1 001

RENCANA ANGGARAN BIAYA (RAB) - ENGINEER ESTIMATE (EE)

Kegiatan : Penyelenggaraan Jalan Kota/Kabupaten
 Pekerjaan : Belanja Jasa Konsultansi Perencanaan Rekayasa - Jasa Desain Rekayasa untuk Pekerjaan Teknik Sipil Transportasi - Konsultan Perencana Pedestrian JL.Andi Djemma (Ex.Landak Baru)
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 Sumber Dana : APBD
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| NO. | ITEM PEKERJAAN | VOL. | SAT. | KODE ANALISA | HARGA SATUAN (Rp.) | JUMLAH HARGA (Rp.) | HARGA TOTAL (Rp.) |
|--|--|-----------|-------|-----------------------|--------------------|---------------------|-----------------------------|
| A. PEKERJAAN PERSIAPAN | | | | | | | |
| 1. | Pekerjaan Pembuatan Papan Informasi Pekerjaan | 1.00 | Ls | - | Rp 862,300.00 | Rp 862,300.00 | |
| 2. | Pekerjaan Pembuatan Gudang Material dan Peralatan uk. 4 x 6 m | 24.00 | m2 | 1.1.e.(c) | Rp 1,809,240.40 | Rp 43,421,769.55 | |
| 3. | Pengadaan Listrik dan Air Kerja | 8.00 | Bln | - | Rp 6,135,700.00 | Rp 49,085,600.00 | |
| 4. | Biaya Penerapan SMKK | 1.00 | Ls | - | Rp 187,190,638.98 | Rp 187,190,638.98 | |
| 5. | Biaya Keamanan | 8.00 | Bln | - | Rp 3,500,000.00 | Rp 28,000,000.00 | |
| Subtotal Pekerjaan Persiapan | | | | | | | Rp 308,560,308.53 |
| B. PEKERJAAN PEMBONGKARAN DAN PEMBERSIHAN | | | | | | | |
| 1. | Pekerjaan Pembongkaran Beton Bertulang Eksisting - Penutup Saluran Eksisting untuk Manhole dan Bukana untuk Gutter | 10.07 | m3 | A.2.2.1.13. | Rp 2,347,567.67 | Rp 23,638,832.66 | |
| 2. | Pekerjaan Pembersihan dan Galian Sedimen Saluran Eksisting | 180.33 | m3 | 1.7.1.b.(c) | Rp 198,574.66 | Rp 35,809,087.94 | |
| 3. | Pekerjaan Pembersihan dan Pengangkutan Puing Bongkaran & Sedimen | 1.00 | Ls | - | Rp 17,490,000.00 | Rp 17,490,000.00 | |
| Subtotal Pekerjaan Pembongkaran Dan Pembersihan | | | | | | | Rp 76,937,920.60 |
| C. PEKERJAAN PEDESTRIAN | | | | | | | |
| 1. | Pekerjaan Beton Pedestrian | | | | | | |
| 1.1. | Pekerjaan Plat Beton Pedestrian Tebal 15cm | | | | | | |
| 1.1.1. | Bekisting Plat (2x pakai) | 7.00 | m2 | A.4.1.1.24. | Rp 330,215.15 | Rp 2,311,506.05 | |
| 1.1.2. | Beton mutu f'c = 26,4 MPa (K.300) Ready Mix | 1.05 | m3 | 2.2.3.a.(a) | Rp 1,480,441.88 | Rp 1,554,463.97 | |
| 1.1.3. | Pembesian dengan Besi Polos | 171.20 | kg | A.4.1.1.17. | Rp 25,495.76 | Rp 4,364,873.52 | |
| 2.2. | Pekerjaan Pelebaran Pedestrian | | | | | | |
| 2.2.1. | Pekerjaan Urugan Pasir Bawah Lantai Kerja | 101.22 | m3 | A.2.3.1.11. | Rp 431,093.09 | Rp 43,635,168.24 | |
| 2.2.2. | Lantai Kerja Beton Mutu f'c = 7,4 MPa (K.100) tebal 5cm | 101.22 | m3 | A.4.1.1.1. | Rp 1,401,774.44 | Rp 141,887,365.97 | |
| 2.2.3. | Plat Beton Pelebaran Pedestrian | | | | | | |
| a. | Bekisting Plat (2x pakai) | 273.72 | m2 | A.4.1.1.24. | Rp 330,215.15 | Rp 90,387,582.19 | |
| b. | Beton mutu f'c = 26,4 MPa (K.300) Ready Mix | 202.44 | m3 | 2.2.3.a.(a) | Rp 1,480,441.88 | Rp 299,700,140.58 | |
| c. | Pembesian dengan Besi Polos | 25,456.20 | kg | A.4.1.1.17. | Rp 25,495.76 | Rp 649,025,120.10 | |
| 3. | Pekerjaan Kansteen Pedestrian | | | | | | |
| 3.1. | Pekerjaan Galian Tanah Bahu Jalan - Posisi Duduk Kansteen (Batas Elev. -0.22 m dari Bahu Jalan) | 446.99 | m3 | A.2.3.1.4. | Rp 171,649.40 | Rp 76,725,501.77 | |
| 3.2. | Pekerjaan Urugan Pasir Bawah Kansteen - Ketebalan 5cm | 101.59 | m3 | A.2.3.1.11. | Rp 431,093.09 | Rp 43,794,122.08 | |
| 3.3. | Pekerjaan Lantai Kerja Beton Mutu f'c = 7,4 MPa (K.100) - Ketebalan 10cm | 203.18 | m3 | A.4.1.1.1. | Rp 1,401,774.44 | Rp 284,808,464.26 | |
| 3.4. | Pekerjaan Pasangan Kansteen Cor K.300 - Pembatas Jalan | | | | | | |
| 3.4.1. | Bekisting Kansteen (2x pakai) | 972.32 | m2 | A.4.1.1.19. | Rp 137,627.34 | Rp 133,817,147.35 | |
| 3.4.2. | Beton mutu f'c = 26,4 MPa (K.300) Ready Mix | 187.94 | m3 | 2.2.3.a.(a) | Rp 1,480,441.88 | Rp 278,232,494.40 | |
| 3.5. | Pekerjaan Pasangan Kansteen Cor K.300 - Pembatas Taman Pohon | | | | | | |
| 3.4.1. | Bekisting Kansteen (2x pakai) | 269.80 | m2 | A.4.1.1.19. | Rp 137,627.34 | Rp 37,131,856.76 | |
| 3.4.2. | Beton mutu f'c = 26,4 MPa (K.300) Ready Mix | 26.98 | m3 | 2.2.3.a.(a) | Rp 1,480,441.88 | Rp 39,942,321.88 | |
| 3.6. | Pekerjaan Acian Kansteen Cor - (Mortar MU) | 1,458.47 | m2 | 3.2.2.(c) | Rp 76,676.12 | Rp 111,830,023.11 | |
| 3.7. | Pekerjaan Pengecatan Kansteen (2 lapis cat penutup), ex. Jotun Traffic Paint | 1,458.47 | m2 | Anl. Trp.3.3.10.(c) | Rp 52,643.08 | Rp 76,778,499.96 | |
| 4. | Pekerjaan Lantai Pedestrian | | | | | | |
| 4.1. | Lantai Kerja Beton Mutu f'c = 7,4 MPa (K.100) - Meratakan elevasi lantai - Ramp Akses Pekarangan Warga (maks. Lebar 50 cm) | 449.31 | m3 | A.4.1.1.1. | Rp 1,401,774.44 | Rp 629,826,583.66 | |
| 4.2. | Pekerjaan Pemasangan Homogeneous Tile dengan kekuatan Perekat Instan | | | | | | |
| 4.2.1. | Homogeneous Tile uk. 30x60 Type D0078 Rucio ex. Niro Granite | 1,962.47 | m2 | Anl Trp A.4.4.3.35.a. | Rp 740,704.87 | Rp 1,453,613,986.39 | |
| 4.2.2. | Homogeneous Tile uk. 60x60 Type D0079 Notte ex. Niro Granite | 7,770.33 | m2 | Anl Trp A.4.4.3.35.b. | Rp 718,366.12 | Rp 5,581,944,975.78 | |
| 4.2.3. | Homogeneous Tile uk. 60x60 Type D0077 Castano ex. Niro Granite | 619.48 | m2 | Anl Trp A.4.4.3.35.c. | Rp 718,366.12 | Rp 445,012,056.55 | |
| 4.3. | Pekerjaan Pemasangan Homogeneous Tactile dengan Perkuatan Perekat Instan | | | | | | |
| 4.3.1. | Homogeneous Tactile uk. 30x30 Type TGS1 Bright Yellow Line ex. Roman | 811.26 | m2 | A.4.4.3.35.a. | Rp 1,025,152.33 | Rp 831,665,079.52 | |
| 4.3.2. | Homogeneous Tactile uk. 30x30 Type TGS1 Bright Yellow Dot ex. Roman | 69.12 | m2 | A.4.4.3.35.b. | Rp 1,025,152.33 | Rp 70,858,529.07 | |
| 5. | Pekerjaan Nat Tali Air - Setiap jarak 5,1m ; lebar 1cm | 2,143.95 | m | Anl Trp A.4.4.2.20.a. | Rp 11,013.13 | Rp 23,611,651.41 | |
| Subtotal Pekerjaan Pedestrian | | | | | | | Rp 11,352,459,514.56 |
| D. PEKERJAAN SARANA PENUNJANG | | | | | | | |
| 1. | Pekerjaan Saluran Pembuangan | | | | | | |
| 1.1. | Galian Tanah Bahu Jalan - Batas Elev. -0.35 m dari Bahu Jalan - Termasuk perapihan sisa galian | 16.86 | m3 | A.2.3.1.4. | Rp 171,649.40 | Rp 2,893,322.37 | |
| 1.2. | Pemasangan Pipa PVC 3" Type AW - 2 Jalur Pipa per Gutter | 481.60 | m | A.5.1.1.31. | Rp 227,075.11 | Rp 109,359,371.87 | |
| 1.3. | Pekerjaan Grill Penutup Gutter - Deck Drain TAS DD 001 uk. 27 x 23 x 7cm ex. Tasblock | 301.00 | titik | B.1.1. | Rp 675,395.00 | Rp 203,293,895.00 | |
| 2. | Pekerjaan Bench - Bench Parklet Module 2:200 ex. Tasblock - Panjang 200cm - Dimensi 45 x 45cm | 19.00 | titik | B.1.2. | Rp 17,858,350.00 | Rp 339,308,650.00 | |
| 3. | Pekerjaan Bollard - Bollard TAS BP 903 uk. 18 x 18 x 90cm ex. Tasblock | 254.00 | titik | B.1.3. | Rp 3,708,865.00 | Rp 942,051,710.00 | |
| 4. | Pekerjaan Tempat Sampah - Litter Bin TAS LB 003 Pilah, ex. Tasblock | 6.00 | set | B.1.4. | Rp 6,135,250.00 | Rp 36,811,500.00 | |
| 4. | Pekerjaan Vegetasi | | | | | | |
| 4.1. | Pengurangan Tanah Humus+ pencampuran media tanam, tebal 20 cm | 84.26 | m3 | B.1.3.a. | Rp 252,843.09 | Rp 21,305,191.21 | |
| 4.2. | Pekerjaan Penanaman Arachis | 421.31 | m2 | B.1.3.b. | Rp 90,122.53 | Rp 37,969,749.68 | |
| 5. | Pekerjaan Plat Beton Penutup Man Hole uk. 60 x 60cm tebal 15cm | | | | | | |
| 5.1. | Bekisting Plat (2x pakai) | 67.13 | m2 | A.4.1.1.24. | Rp 330,215.15 | Rp 22,167,343.01 | |
| 5.2. | Beton mutu f'c = 26,4 MPa (K.300) Ready Mix | 10.07 | m3 | 2.2.3.a.(a) | Rp 1,480,441.88 | Rp 14,907,309.50 | |
| 5.3. | Pembesian dengan Besi Polos | 1,777.40 | kg | A.4.1.1.17. | Rp 25,495.76 | Rp 45,316,253.29 | |
| Subtotal Pekerjaan Sarana Penunjang | | | | | | | Rp 1,775,384,295.93 |

BIAYA PENERAPAN SMK - HARGA PERKIRAAN SENDIRI (HPS)

Kegiatan : Penyelenggaraan Jalan Kota/Kabupaten
 Pekerjaan : Belanja Jasa Konsultansi Perencanaan Rekayasa - Jasa Desain Rekayasa untuk Pekerjaan Teknik Sipil Transportasi - Konsultan Perencana Pedestrian JL.Andi Djemma (Ex.Landak B
 Instansi : Dinas Pekerjaan Umum Kota Makassar
 Lokasi : Kota Makassar
 Sumber Dana : APBD
 Tahun : 2023

| NO. | ITEM PEKERJAAN | VOL. | SAT. | KODE ANALISA | HARGA SATUAN (Rp.) | JUMLAH HARGA (Rp.) | HARGA TOTAL (Rp.) | |
|----------------------------------|---|--------|------|--------------|--------------------|--------------------|--------------------------|--|
| 1. | PENYIAPAN DOKUMEN RKK | | | | | | | |
| | 1.1. Pembuatan Dokumen Rencana Keselamatan Konstruksi | | | | | | | |
| | 1.2. Pembuatan Prosedur Dan Instruksi Kerja | 1.00 | set | - | Rp 5,000,000.00 | Rp 5,000,000.00 | | |
| | 1.3. Penyiapan Formulir | | | | | | | |
| 2. | SOSIALISASI, PROMOSI, & PELATIHAN | | | | | | | |
| | 2.1. Induksi K3 (Safety Induction) | 50.00 | org | - | Rp 7,500.00 | Rp 375,000.00 | | |
| | 2.2. Pengarahan K3 (Safety Briefing) | 50.00 | org | - | Rp 15,000.00 | Rp 750,000.00 | | |
| | 2.3. Spanduk (Banner) | 6.00 | Lb | - | Rp 150,000.00 | Rp 900,000.00 | | |
| | 2.4. Poster | 6.00 | Lb | - | Rp 50,000.00 | Rp 300,000.00 | | |
| | 2.5. Papan Informasi K3 | 6.00 | bh | - | Rp 300,000.00 | Rp 1,800,000.00 | | |
| 3. | ALAT PELINDUNG KERJA & ALAT PELINDUNG DIRI | | | | | | | |
| | 3.1. Alat Pelindung Kerja | | | | | | | |
| | 3.1.1. Pagar Pembatas Area (Restricted Area), pemasangan per segmen | 152.00 | m2 | 1.1.b (c) | Rp 666,642.06 | Rp 101,329,592.98 | | |
| | 3.2. Alat Pelindung Diri | | | | | | | |
| | 3.2.1. Topi Pelindung (Safety Helmet) | 50.00 | bh | - | Rp 80,000.00 | Rp 4,000,000.00 | | |
| | 3.2.2. Pelindung Mata (Goggles, Spectacles) | 50.00 | bh | - | Rp 35,000.00 | Rp 1,750,000.00 | | |
| | 3.2.3. Pelindung Pernapasan Dan Mulut (Masker) | 50.00 | bh | - | Rp 10,000.00 | Rp 500,000.00 | | |
| | 3.2.4. Sarung Tangan (Safety Gloves) | 50.00 | psg | - | Rp 20,000.00 | Rp 1,000,000.00 | | |
| | 3.2.5. Sepatu Keselamatan (Safety Shoes) | 50.00 | psg | - | Rp 250,000.00 | Rp 12,500,000.00 | | |
| | 3.2.6. Penunjang Seluruh Tubuh (Full Body Harness) | - | bh | - | Rp 540,000.00 | Rp - | | |
| | 3.2.7. Rompi Keselamatan (Safety Vest) | 50.00 | bh | - | Rp 30,000.00 | Rp 1,500,000.00 | | |
| 4. | ASURANSI & PERIZINAN | | | | | | | |
| | 4.1. Asuransi Jasa Konstruksi untuk JKK dan JKM | 1.00 | Ls | - | Rp 25,536,046.00 | Rp 25,536,046.00 | | |
| 5. | PERSONIL K3 KONSTRUKSI | | | | | | | |
| | 5.1. Ahli K3 Konstruksi | 1.00 | Ob | - | Rp 22,000,000.00 | Rp 22,000,000.00 | | |
| | 5.2. Petugas K3 Konstruksi | 1.00 | Ob | - | Rp 3,400,000.00 | Rp 3,400,000.00 | | |
| 6. | FASILITAS, SARANA, & PRASARANA KESEHATAN | | | | | | | |
| | 6.1. Peralatan P3K | 1.00 | Ls | - | Rp 500,000.00 | Rp 500,000.00 | | |
| 7. | RAMBU-RAMBU YANG DIPERLUKAN | | | | | | | |
| | 7.1. Rambu Petunjuk | 6.00 | bh | - | Rp 150,000.00 | Rp 900,000.00 | | |
| | 7.2. Rambu Larangan | 6.00 | bh | - | Rp 150,000.00 | Rp 900,000.00 | | |
| | 7.3. Rambu Peringatan | 6.00 | bh | - | Rp 150,000.00 | Rp 900,000.00 | | |
| 8. | KONSULTASI DENGAN AHLI TERKAIT KESELAMATAN KONSTRUKSI | | | | | | | |
| | 8.1. Ahli K3 Konstruksi | - | OJ | - | | Rp - | | |
| 9. | LAIN-LAIN TERKAIT PENGENDALIAN RESIKO KESELAMATAN KONSTRUKSI | | | | | | | |
| | 9.1. Alat Pemadam Api Ringan (APAR) | 1.00 | bh | - | Rp 850,000.00 | Rp 850,000.00 | | |
| | 9.2. Pembuatan Kartu Identitas Pekerja (KIP) | 50.00 | org | - | Rp 10,000.00 | Rp 500,000.00 | | |
| Total Biaya Penerapan SMK | | | | | | | Rp 187,190,638.98 | |

ANALISA HARGA SATUAN PEKERJAAN (AHSP)

Kegiatan : Penyelenggaraan Jalan Kota/Kabupaten
 Pekerjaan : Belanja Jasa Konsultansi Perencanaan Rekayasa - Jasa Desain Rekayasa untuk Pekerjaan Teknik Sipil Transportasi - Konsultan Perencana Pedestrian JL.Andi Djemma (Ex.Landak Baru)
 Instansi : Dinas Pekerjaan Umum Kota Makassar
 Lokasi : Kota Makassar
 Sumber Dana : APBD
 Tahun : 2023

A.2.2.1. HARGA SATUAN PEKERJAAN PERSIAPAN

1.1.b (c) Pembuatan 1 m2 pagar sementara dari seng gelombang tinggi 2 meter 666,642.06

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|---------------------|-------------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. TENAGA | | | | | | |
| | Pekerja | L.01.01 | OH | 0.2000 | 142,424.00 | 28,484.80 |
| | Tukang Kayu | L.02.04 | OH | 0.4000 | 178,030.00 | 71,212.00 |
| | Kepala Tukang | L.03.01 | OH | 0.0200 | 192,272.40 | 3,845.45 |
| | Mandor | L.04.01 | OH | 0.0200 | 213,636.00 | 4,272.72 |
| | | | | | JUMLAH TENAGA KERJA | 107,814.97 |
| B. BAHAN | | | | | | |
| | Dolken kayu dia. 8-10/400 cm | | btg | 1.2500 | 33,000.00 | 41,250.00 |
| | Semen Portland | | kg | 2.5000 | 1,625.00 | 4,062.50 |
| | Seng Gelombang | | lbr | 1.2000 | 88,000.00 | 105,600.00 |
| | Pasir Beton | | m3 | 0.0050 | 292,500.00 | 1,462.50 |
| | Koral Beton | | m3 | 0.0090 | 368,200.00 | 3,313.80 |
| | Kayu 5/7 | | m3 | 0.0720 | 3,965,500.00 | 285,516.00 |
| | Paku Biasa 2" - 5" | | kg | 0.0600 | 22,700.00 | 1,362.00 |
| | Cat Meni Besi | | ltr | 0.4500 | 65,126.62 | 29,306.98 |
| | | | | | JUMLAH HARGA BAHAN | 471,873.78 |
| C. PERALATAN | | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 579,688.75 |
| E. | Overhead & Profit 15% | | | 15.00% | | 86,953.31 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 666,642.06 |

1.1.e (c) Pembuatan 1 m2 gudang semen dan peralatan 1,809,240.40

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|---------------------|-------------------------------------|---------|--------|-----------|---------------------|---------------------|
| A. TENAGA | | | | | | |
| | Pekerja | L.01.01 | OH | 2.0000 | 142,424.00 | 284,848.00 |
| | Tukang Kayu | L.02.04 | OH | 2.0000 | 178,030.00 | 356,060.00 |
| | Tukang Batu | L.02.03 | OH | 1.0000 | 178,030.00 | 178,030.00 |
| | Kepala Tukang | L.03.01 | OH | 0.3000 | 192,272.40 | 57,681.72 |
| | Mandor | L.04.01 | OH | 0.0500 | 213,636.00 | 10,681.80 |
| | | | | | JUMLAH TENAGA KERJA | 887,301.52 |
| B. BAHAN | | | | | | |
| | Dolken kayu dia. 8-10/400 cm | | btg | 1.2500 | 33,000.00 | 41,250.00 |
| | Kayu | | m3 | 0.1800 | 2,200,000.00 | 396,000.00 |
| | Paku Biasa | | kg | 0.0800 | 22,700.00 | 1,816.00 |
| | Besi Strip | | kg | 1.1000 | - | - |
| | Semen Portland | | kg | 35.0000 | 1,625.00 | 56,875.00 |
| | Pasir Pasang | | m3 | 0.1500 | 292,500.00 | 43,875.00 |
| | Pasir Beton | | m3 | 0.1000 | 292,500.00 | 29,250.00 |
| | Koral Beton | | m3 | 0.1500 | 368,200.00 | 55,230.00 |
| | Batu Merah | | Bh | 30.0000 | 1,000.00 | 30,000.00 |
| | Seng Plat | | lbr | 0.2500 | 93,500.00 | 23,375.00 |
| | Jendela Naco | | Bh | 0.2000 | - | - |
| | Kaca Polos | | m2 | 0.2000 | - | - |
| | Kunci Tanam | | Bh | 0.0800 | - | - |
| | Plywood 9 mm | | Lbr | 0.0600 | 138,000.00 | 8,280.00 |
| | | | | | JUMLAH HARGA BAHAN | 685,951.00 |
| C. PERALATAN | | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 1,573,252.52 |
| E. | Overhead & Profit 15% | | | 15.00% | | 235,987.88 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 1,809,240.40 |

HARGA SATUAN PEKERJAAN PEMBONGKARAN DAN PEMBERSIHAN

A.2.2.1.13.

Pembongkaran 1 m3 beton bertulang

2,347,567.67

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|---------------------|---------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 13.3340 | 142,424.00 | 1,899,081.62 |
| | Mandor | L.04.01 | OH | 0.6660 | 213,636.00 | 142,281.58 |
| | | | | | JUMLAH TENAGA KERJA | 2,041,363.19 |
| B. | BAHAN | | | | JUMLAH HARGA BAHAN | - |
| C. | PERALATAN | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 2,041,363.19 |
| E. | Overhead & Profit 15% | | | 15.00% | | 306,204.48 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 2,347,567.67 |

1.7.1.b.(c)

Menggali 1 m3 Tanah Lumpur Sedalam Sampai dengan 1m

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01 | OH | 1.2000 | 142,424.00 | 170,908.80 |
| | Mandor | L.04 | OH | 0.0450 | 213,636.00 | 9,613.62 |
| | | | | | JUMLAH TENAGA KERJA | 180,522.42 |
| B. | BAHAN | | | | JUMLAH HARGA BAHAN | - |
| C. | PERALATAN | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 180,522.42 |
| E. | Overhead & Profit 10% | | | 10.00% | | 18,052.24 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 198,574.66 |

A.2.3.1.

HARGA SATUAN PEKERJAAN TANAH

A.2.3.1.4.

Menggali 1 m3 tanah keras sedalam 1 m

171,649.40

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 1.0000 | 142,424.00 | 142,424.00 |
| | Mandor | L.04.01 | OH | 0.0320 | 213,636.00 | 6,836.35 |
| | | | | | JUMLAH TENAGA KERJA | 149,260.35 |
| B. | BAHAN | | | | JUMLAH HARGA BAHAN | - |
| C. | PERALATAN | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 149,260.35 |
| E. | Overhead & Profit 15% | | | 15.00% | | 22,389.05 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 171,649.40 |

A.2.3.1.11.

Pengurangan 1 m3 dengan pasir urug

431,093.09

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.3000 | 142,424.00 | 42,727.20 |
| | Mandor | L.04.01 | OH | 0.0100 | 213,636.00 | 2,136.36 |
| | | | | | JUMLAH TENAGA KERJA | 44,863.56 |
| B. | BAHAN | | | | | |
| | Pasir Urug | | m3 | 1.2000 | 275,000.00 | 330,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 330,000.00 |
| C. | PERALATAN | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 374,863.56 |
| E. | Overhead & Profit 15% | | | 15.00% | | 56,229.53 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 431,093.09 |

1.7.14.(a)

Pengurangan 1 m3 dengan tanah timbunan

308,635.57

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.1000 | 142,424.00 | 14,242.40 |
| | Mandor | L.04.01 | OH | 0.0100 | 213,636.00 | 2,136.36 |
| | | | | | JUMLAH TENAGA KERJA | 16,378.76 |
| B. | BAHAN | | | | | |
| | Tanah Timbunan | | m3 | 1.4000 | 180,000.00 | 252,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 252,000.00 |
| C. | PERALATAN | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 268,378.76 |
| E. | Overhead & Profit 15% | | | 15.00% | | 40,256.81 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 308,635.57 |

A.4.1.1.

HARGA SATUAN PEKERJAAN BETON

A.4.1.1.1.

Membuat 1 m3 beton mutu f'c = 7,4 MPa (K 100)

1,401,774.44

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 1.6500 | 142,424.00 | 234,999.60 |
| | Tukang Batu | L.02.03 | OH | 0.2750 | 178,030.00 | 48,958.25 |
| | Kepala Tukang | L.03.01 | OH | 0.0280 | 192,272.40 | 5,383.63 |
| | Mandor | L.04.01 | OH | 0.0830 | 213,636.00 | 17,731.79 |
| | | | | | JUMLAH TENAGA KERJA | 307,073.27 |
| B. | BAHAN | | | | | |
| | Semen Portland | | kg | 247.0000 | 1,625.00 | 401,375.00 |
| | Pasir Beton | | kg | 869.0000 | 208.93 | 181,558.93 |
| | Kerikil (Max. 30 mm) | | kg | 999.0000 | 253.93 | 253,677.10 |
| | Air | | ltr | 215.0000 | 350.00 | 75,250.00 |
| | | | | | JUMLAH HARGA BAHAN | 911,861.03 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 1,218,934.30 |
| E. | Overhead & Profit 15% | | | 15.00% | | 182,840.14 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 1,401,774.44 |

2.2.3.a.(a)

1 m3 Pengecoran Beton menggunakan Ready Mixed dan pompa beton

1,480,441.88

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.4000 | 142,424.00 | 56,969.60 |
| | Tukang Batu | L.02.03 | OH | 0.1000 | 178,030.00 | 17,803.00 |
| | Kepala Tukang | L.03.01 | OH | 0.0100 | 192,272.40 | 1,922.72 |
| | Mandor | L.04.01 | OH | 0.0400 | 213,636.00 | 8,545.44 |
| | | | | | JUMLAH TENAGA KERJA | 85,240.76 |
| B. | BAHAN | | | | | |
| | Beton Ready Mixed (K 300) | | m3 | 1.0200 | 1,105,000.00 | 1,127,100.00 |
| | | | | | JUMLAH HARGA BAHAN | 1,127,100.00 |
| C. | PERALATAN | | | | | |
| | Concrete Pump | | m3 | 1.0000 | 55,000.00 | 55,000.00 |
| | Concrete Vibrator | | m3 | 1.0000 | 20,000.00 | 20,000.00 |
| | | | | | JUMLAH HARGA ALAT | 75,000.00 |
| D. | Jumlah (A+B+C) | | | | | 1,287,340.76 |
| E. | Overhead & Profit 15% | | | 15.00% | | 193,101.11 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 1,480,441.88 |

A.4.1.1.17.

Pembesian 10 kg dengan besi polos atau besi ulir

25,495.76

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.0700 | 142,424.00 | 9,969.68 |
| | Tukang Besi | L.02.05 | OH | 0.0700 | 178,030.00 | 12,462.10 |
| | Kepala Tukang | L.03.01 | OH | 0.0070 | 192,272.40 | 1,345.91 |
| | Mandor | L.04.01 | OH | 0.0040 | 213,636.00 | 854.54 |
| | | | | | JUMLAH TENAGA KERJA | 24,632.23 |
| B. | BAHAN | | | | | |
| | Besi Beton (Polos/Ulir) | | kg | 10.5000 | 18,440.00 | 193,620.00 |
| | Kawat Beton | | kg | 0.1500 | 23,000.00 | 3,450.00 |
| | | | | | JUMLAH HARGA BAHAN | 197,070.00 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 221,702.23 |
| E. | Overhead & Profit 15% | | | 15.00% | | 33,255.33 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 254,957.57 |
| G. | Harga Satuan Pekerjaan per kg | | | | | 25,495.76 |

A.4.1.1.24.

| Pemasangan 1 m2 bekisting untuk lantai | | | | | | 330,215.15 |
|--|-----------------------------------|---------|--------|-----------|---------------------|--------------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.6600 | 142,424.00 | 93,999.84 |
| | Tukang Kayu | L.02.04 | OH | 0.3300 | 178,030.00 | 58,749.90 |
| | Kepala Tukang | L.03.01 | OH | 0.0330 | 192,272.40 | 6,344.99 |
| | Mandor | L.04.01 | OH | 0.0330 | 213,636.00 | 7,049.99 |
| | | | | | JUMLAH TENAGA KERJA | 166,144.72 |
| B. | BAHAN | | | | | |
| | Kayu Kelas III | | m3 | 0.0400 | 2,200,000.00 | 88,000.00 |
| | Paku 5-12 cm | | kg | 0.4000 | 22,700.00 | 9,080.00 |
| | Minyak Bekisting | | ltr | 0.2000 | 26,400.00 | 5,280.00 |
| | Balok Kayu Kelas II | | m3 | 0.0150 | 3,965,500.00 | 59,482.50 |
| | Plywood 9 mm | | lbr | 0.3500 | 138,000.00 | 48,300.00 |
| | Dolken kayu dia. 8-10/400 cm | | btg | 6.0000 | 33,000.00 | 198,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 408,142.50 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 574,287.22 |
| E. | Overhead & Profit 15% | | | 15.00% | | 86,143.08 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 660,430.30 |
| G. | Harga Satuan Pekerjaan (2x pakai) | | | | | 330,215.15 |

A.4.1.1.19.

| Pemasangan 1 m2 Bekisting untuk Sloof Beton | | | | | | 137,627.34 |
|---|-----------------------------------|---------|--------|-----------|---------------------|--------------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.5200 | 142,424.00 | 74,060.48 |
| | Tukang Kayu | L.02.04 | OH | 0.2600 | 178,030.00 | 46,287.80 |
| | Kepala Tukang | L.03.01 | OH | 0.0260 | 192,272.40 | 4,999.08 |
| | Mandor | L.04.01 | OH | 0.0260 | 213,636.00 | 5,554.54 |
| | | | | | JUMLAH TENAGA KERJA | 130,901.90 |
| B. | BAHAN | | | | | |
| | Kayu Kelas III | | m3 | 0.0450 | 2,200,000.00 | 99,000.00 |
| | Paku 5-12 cm | | kg | 0.3000 | 22,700.00 | 6,810.00 |
| | Minyak Bekisting | | ltr | 0.1000 | 26,400.00 | 2,640.00 |
| | | | | | JUMLAH HARGA BAHAN | 108,450.00 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 239,351.90 |
| E. | Overhead & Profit 15% | | | 15.00% | | 35,902.78 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 275,254.68 |
| G. | Harga Satuan Pekerjaan (2x pakai) | | | | | 137,627.34 |

A.4.4.2.

HARGA SATUAN PEKERJAAN PLESTERAN

Anl Trp A.4.4.2.20.a.

| Pemasangan 1 m' plesteran skoning 1SP : 3PP lebar 10 cm | | | | | | 11,013.13 |
|---|------------------------------|---------|--------|-----------|---------------------|--------------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.0080 | 142,424.00 | 1,139.39 |
| | Tukang Batu | L.02.03 | OH | 0.0400 | 178,030.00 | 7,121.20 |
| | Kepala Tukang | L.03.01 | OH | 0.0040 | 192,272.40 | 769.09 |
| | Mandor | L.04.01 | OH | 0.0004 | 213,636.00 | 85.45 |
| | | | | | JUMLAH TENAGA KERJA | 9,115.14 |
| B. | BAHAN | | | | | |
| | Semen Portland | | kg | 0.0500 | 1,625.00 | 81.25 |
| | Pasir Pasang | | m3 | 0.0013 | 292,500.00 | 380.25 |
| | | | | | JUMLAH HARGA BAHAN | 461.50 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 9,576.64 |
| E. | Overhead & Profit 15% | | | 15.00% | | 1,436.50 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 11,013.13 |

*) Koefisien Tenaga Kerja diambil dari SNI 2016 Pemasangan 1 m' plesteran skoning 1SP : 3PP lebar 10 cm & dikonversi menjadi lebar 1cm

A.4.4.3.

HARGA SATUAN PEKERJAAN PENUTUP LANTAI DAN PENUTUP DINDING

A.4.4.3.35.a.

| Pemasangan 1m2 Homogeneous Tactile uk. 30x30 Type TGSI Bright Yellow Line ex. Roman + Perekat Instan | | | | | | 1.025.152.33 |
|--|--|---------|--------|-----------|---------------------|--------------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.7000 | 142,424.00 | 99.696.80 |
| | Tukang Batu | L.02.03 | OH | 0.3500 | 178,030.00 | 62,310.50 |
| | Kepala tukang | L.03.01 | OH | 0.0350 | 192,272.40 | 6,729.53 |
| | Mandor | L.04.01 | OH | 0.0350 | 213,636.00 | 7,477.26 |
| | | | | | JUMLAH TENAGA KERJA | 176,214.09 |
| B. | BAHAN | | | | | |
| | Homogeneous Tactile uk. 30x30 Type TGSI Bright Yellow Line ex. Roman | | bh | 11.8700 | 53,564.50 | 635,810.62 |
| | Mortar MU-420 | | kg | 10.4000 | 5,024.00 | 52,249.60 |
| | Pasir Pasang | | m3 | 0.0450 | 292,500.00 | 13,162.50 |
| | Semen Warna | | kg | 0.5000 | 28,000.00 | 14,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 715,222.72 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 891,436.81 |
| E. | Overhead & Profit 15% | | | 15.00% | | 133,715.52 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 1,025,152.33 |

A.4.4.3.35.b.

| Pemasangan 1m2 Homogeneous Tactile uk. 30x30 Type TGSI Bright Yellow Dot ex. Roman + Perekat Instan | | | | | | 1.025.152.33 |
|---|---|---------|--------|-----------|---------------------|--------------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.7000 | 142,424.00 | 99.696.80 |
| | Tukang Batu | L.02.03 | OH | 0.3500 | 178,030.00 | 62,310.50 |
| | Kepala tukang | L.03.01 | OH | 0.0350 | 192,272.40 | 6,729.53 |
| | Mandor | L.04.01 | OH | 0.0350 | 213,636.00 | 7,477.26 |
| | | | | | JUMLAH TENAGA KERJA | 176,214.09 |
| B. | BAHAN | | | | | |
| | Homogeneous Tactile uk. 30x30 Type TGSI Bright Yellow Dot ex. Roman | | bh | 11.8700 | 53,564.50 | 635,810.62 |
| | Mortar MU-420 | | kg | 10.4000 | 5,024.00 | 52,249.60 |
| | Pasir Pasang | | m3 | 0.0450 | 292,500.00 | 13,162.50 |
| | Semen Warna | | kg | 0.5000 | 28,000.00 | 14,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 715,222.72 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 891,436.81 |
| E. | Overhead & Profit 15% | | | 15.00% | | 133,715.52 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 1,025,152.33 |

Anl Trp A.4.4.3.35.a.

| Pemasangan 1m2 Homogeneous Tile uk. 30x60 Type D0078 Rucio ex. Niro Granite col. Light Grey + Perekat Instan | | | | | | 740.704.87 |
|--|--|---------|--------|-----------|---------------------|--------------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.7000 | 142,424.00 | 99.696.80 |
| | Tukang Batu | L.02.03 | OH | 0.3500 | 178,030.00 | 62,310.50 |
| | Kepala tukang | L.03.01 | OH | 0.0350 | 192,272.40 | 6,729.53 |
| | Mandor | L.04.01 | OH | 0.0350 | 213,636.00 | 7,477.26 |
| | | | | | JUMLAH TENAGA KERJA | 176,214.09 |
| B. | BAHAN | | | | | |
| | Homogeneous Tile uk. 30x60 Type D0078 Rucio ex. Niro Granite col. Light Grey | | bh | 5.8333 | 66,594.00 | 388,465.00 |
| | Mortar MU-420 | | kg | 10.4000 | 5,024.00 | 52,249.60 |
| | Pasir Pasang | | m3 | 0.0450 | 292,500.00 | 13,162.50 |
| | Semen Warna | | kg | 0.5000 | 28,000.00 | 14,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 467,877.10 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 644,091.19 |
| E. | Overhead & Profit 15% | | | 15.00% | | 96,613.68 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 740,704.87 |

*) Koefisien Tenaga Kerja diambil dari SNI 2016 Pemasangan 1m2 lantai keramik ukuran 30cm x 30cm

Anl Trp A.4.4.3.35.b.

Pemasangan 1m2 Homogeneous Tile uk. 60x60 Type D0079 Notte ex. Niro Granite col. Grey + Perekat Instan

718,366.12

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|--|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.7000 | 142,424.00 | 99,696.80 |
| | Tukang Batu | L.02.03 | OH | 0.3500 | 178,030.00 | 62,310.50 |
| | Kepala tukang | L.03.01 | OH | 0.0350 | 192,272.40 | 6,729.53 |
| | Mandor | L.04.01 | OH | 0.0350 | 213,636.00 | 7,477.26 |
| | | | | | JUMLAH TENAGA KERJA | 176,214.09 |
| B. | BAHAN | | | | | |
| | Homogeneous Tile uk. 60x60 Type D0079 Notte ex. Niro Granite col. Grey | | bh | 2.9167 | 126,528.00 | 369,040.00 |
| | Mortar MU-420 | | kg | 10.4000 | 5,024.00 | 52,249.60 |
| | Pasir Pasang | | m3 | 0.0450 | 292,500.00 | 13,162.50 |
| | Semen Warna | | kg | 0.5000 | 28,000.00 | 14,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 448,452.10 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 624,666.19 |
| E. | Overhead & Profit 15% | | | 15.00% | | 93,699.93 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 718,366.12 |

*) Koefisien Tenaga Kerja diambil dari SNI 2016 Pemasangan 1m2 lantai keramik ukuran 30cm x 30cm

Anl Trp A.4.4.3.35.c.

Pemasangan 1m2 Homogeneous Tile uk. 60x60 Type D0077 Castano ex. Niro Granite col. Dark Grey + Perekat Instan

718,366.12

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|---|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.7000 | 142,424.00 | 99,696.80 |
| | Tukang Batu | L.02.03 | OH | 0.3500 | 178,030.00 | 62,310.50 |
| | Kepala tukang | L.03.01 | OH | 0.0350 | 192,272.40 | 6,729.53 |
| | Mandor | L.04.01 | OH | 0.0350 | 213,636.00 | 7,477.26 |
| | | | | | JUMLAH TENAGA KERJA | 176,214.09 |
| B. | BAHAN | | | | | |
| | Homogeneous Tile uk. 60x60 Type D0077 Castano ex. Niro Granite col. Dark Grey | | bh | 2.9167 | 126,528.00 | 369,040.00 |
| | Mortar MU-420 | | kg | 10.4000 | 5,024.00 | 52,249.60 |
| | Pasir Pasang | | m3 | 0.0450 | 292,500.00 | 13,162.50 |
| | Semen Warna | | kg | 0.5000 | 28,000.00 | 14,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 448,452.10 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 624,666.19 |
| E. | Overhead & Profit 15% | | | 15.00% | | 93,699.93 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 718,366.12 |

*) Koefisien Tenaga Kerja diambil dari SNI 2016 Pemasangan 1m2 lantai keramik ukuran 30cm x 30cm

A.5.1.1.

HARGA SATUAN PEKERJAAN SANITASI DALAM GEDUNG

A.5.1.1.31.

Pemasangan 1 m' pipa PVC tipe AW diameter 3"

227,075.11

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.0810 | 142,424.00 | 11,536.34 |
| | Tukang batu | L.02.03 | OH | 0.1350 | 178,030.00 | 24,034.05 |
| | Kepala tukang | L.03.01 | OH | 0.0135 | 192,272.40 | 2,595.68 |
| | Mandor | L.04.01 | OH | 0.0040 | 213,636.00 | 854.54 |
| | | | | | JUMLAH TENAGA KERJA | 39,020.62 |
| B. | BAHAN | | | | | |
| | Pipa PVC 3" Tipe AW | | M | 1.2000 | 97,800.00 | 117,360.00 |
| | Perlengkapan | | % | 35.0000 | 117,360.00 | 41,076.00 |
| | | | | | JUMLAH HARGA BAHAN | 158,436.00 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 197,456.62 |
| E. | Overhead & Profit 15% | | | 15.00% | | 29,618.49 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 227,075.11 |

B.1.

HARGA SATUAN PEKERJAAN ANALISA TERAPAN

| Pemasangan 1 titik Grill Penutup Gutter Deck Drain TAS DD 001 uk. 23 x 23cm ex. Tasblock | | | | | | | 675,395.00 |
|--|---|------|--------|-----------|---------------------|--------------------|------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) | |
| A. | TENAGA | | | | | | |
| | Ongkos Pemasangan | | titik | 1.0000 | 50,000.00 | 50,000.00 | |
| | | | | | JUMLAH TENAGA KERJA | 50,000.00 | |
| B. | BAHAN | | | | | | |
| | Deck Drain TAS DD 001 uk. 27x23x7 cm ex. Tasblock | | bh | 1.0000 | 537,300.00 | 537,300.00 | |
| | | | | | JUMLAH HARGA BAHAN | 537,300.00 | |
| C. | PERALATAN | | | | | | |
| | | | | | JUMLAH HARGA ALAT | - | |
| D. | Jumlah (A+B+C) | | | | | 587,300.00 | |
| E. | Overhead & Profit 15% | | | 15.00% | | 88,095.00 | |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 675,395.00 | |

| Pemasangan 1 titik Bench Park Module 1.1 ex. Tasblock | | | | | | | 17,858,350.00 |
|---|---|------|--------|-----------|---------------------|----------------------|---------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) | |
| A. | TENAGA | | | | | | |
| | Ongkos Pemasangan | | titik | 1.0000 | 250,000.00 | 250,000.00 | |
| | | | | | JUMLAH TENAGA KERJA | 250,000.00 | |
| B. | BAHAN | | | | | | |
| | Bench Parklet Module 2:200 ex. Tasblock | | bh | 1.0000 | 15,279,000.00 | 15,279,000.00 | |
| | | | | | JUMLAH HARGA BAHAN | 15,279,000.00 | |
| C. | PERALATAN | | | | | | |
| | | | | | JUMLAH HARGA ALAT | - | |
| D. | Jumlah (A+B+C) | | | | | 15,529,000.00 | |
| E. | Overhead & Profit 15% | | | 15.00% | | 2,329,350.00 | |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 17,858,350.00 | |

| Pemasangan 1 titik Bollard TAS BP 903 uk. 18 x 18 x 90cm ex. Tasblock | | | | | | | 3,708,865.00 |
|---|---|------|--------|-----------|---------------------|---------------------|--------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) | |
| A. | TENAGA | | | | | | |
| | Ongkos Pemasangan | | titik | 1.0000 | 100,000.00 | 100,000.00 | |
| | | | | | JUMLAH TENAGA KERJA | 100,000.00 | |
| B. | BAHAN | | | | | | |
| | Bollard TAS BP 903 uk. 18x18x90 cm ex. Tasblock | | bh | 1.0000 | 3,125,100.00 | 3,125,100.00 | |
| | | | | | JUMLAH HARGA BAHAN | 3,125,100.00 | |
| C. | PERALATAN | | | | | | |
| | | | | | JUMLAH HARGA ALAT | - | |
| D. | Jumlah (A+B+C) | | | | | 3,225,100.00 | |
| E. | Overhead & Profit 15% | | | 15.00% | | 483,765.00 | |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 3,708,865.00 | |

| Pemasangan 1 set Litter Bin TAS LB 003 PILAH, ex. Tasblock | | | | | | | 6,135,250.00 |
|--|---|------|--------|-----------|---------------------|---------------------|--------------|
| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) | |
| A. | TENAGA | | | | | | |
| | Ongkos Pemasangan | | titik | 1.0000 | 100,000.00 | 100,000.00 | |
| | | | | | JUMLAH TENAGA KERJA | 100,000.00 | |
| B. | BAHAN | | | | | | |
| | Litter Bin TAS LB 003 PILAH, ex. Tasblock | | bh | 1.0000 | 5,235,000.00 | 5,235,000.00 | |
| | | | | | JUMLAH HARGA BAHAN | 5,235,000.00 | |
| C. | PERALATAN | | | | | | |
| | | | | | JUMLAH HARGA ALAT | - | |
| D. | Jumlah (A+B+C) | | | | | 5,335,000.00 | |
| E. | Overhead & Profit 15% | | | 15.00% | | 800,250.00 | |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 6,135,250.00 | |

B.1.3.b. Penanaman 1 m2 tanaman Arachis 90,122.53

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|------------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.0100 | 142,424.00 | 1,424.24 |
| | Mandor | L.04.01 | OH | 0.0050 | 213,636.00 | 1,068.18 |
| | | | | | JUMLAH TENAGA KERJA | 2,492.42 |
| B. | BAHAN | | | | | |
| | Tanaman Arachis | | m2 | 1.3225 | 50,000.00 | 66,125.00 |
| | | | | | JUMLAH HARGA BAHAN | 66,125.00 |
| C. | PERALATAN | | | | | |
| | Trasportasi Angkutan Ke Lokasi | | Ls | 0.0500 | 50,000.00 | 2,500.00 |
| | | | | | JUMLAH HARGA ALAT | 2,500.00 |
| D. | PENANAMAN | | | | | |
| | Pupuk kandang + sekam bakar | | Pohon | 1.0000 | - | - |
| | | | | | JUMLAH HARGA PENANAMAN | - |
| E. | PERAWATAN (3 bulan) | | | | | |
| | Pemupukan (Pohon) | | | 10.0000 | 400.000 | 4,000.00 |
| | Penyiangan | | 2 Bln | 1.0000 | 1,000.000 | 1,000.00 |
| | Pengemburan | | 3 Bln | 1.0000 | 2,000.000 | 2,000.00 |
| | Penyulaman | | Phn | 0.1000 | 2,500.000 | 250.00 |
| | | | | | JUMLAH HARGA PERAWATAN | 7,250.00 |
| D. | Jumlah (A+B+C+D+E) | | | | | 78,367.42 |
| E. | Overhead & Profit 15% | | | 15.00% | | 11,755.11 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 90,122.53 |

B.1.3.a. Pengurangan 1 m3 dengan Tanah Humus+ pencampuran media tanam 252,843.09

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.3000 | 142,424.00 | 42,727.20 |
| | Mandor | L.04.01 | OH | 0.0100 | 213,636.00 | 2,136.36 |
| | | | | | JUMLAH TENAGA KERJA | 44,863.56 |
| B. | BAHAN | | | | | |
| | Tanah humus | | m3 | 1.0000 | 125,000.00 | 125,000.00 |
| | Sekam bakar | | kg | 2.0000 | 25,000.00 | 50,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 175,000.00 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 219,863.56 |
| E. | Overhead & Profit 15% | | | 15.00% | | 32,979.53 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 252,843.09 |

3.2.2.(c) Pemasangan 1 m2 acian. 76,676.12

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.2000 | 142,424.00 | 28,484.80 |
| | Tukang batu | L.02.03 | OH | 0.1000 | 178,030.00 | 17,803.00 |
| | Kepala tukang | L.03.01 | OH | 0.0100 | 192,272.40 | 1,922.72 |
| | Mandor | L.04.01 | OH | 0.0100 | 213,636.00 | 2,136.36 |
| | | | | | JUMLAH TENAGA KERJA | 50,346.88 |
| B. | BAHAN | | | | | |
| | Mortar MU-420 | | Kg | 3.2500 | 5,024.00 | 16,328.00 |
| | | | | | JUMLAH HARGA BAHAN | 16,328.00 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 66,674.88 |
| E. | Overhead & Profit 10% | | | 15.00% | | 10,001.23 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 76,676.12 |

Anl. Trp.3.3.10.(c) Pengecatan 1 m2 Kansteen(2 Lapis Cat Penutup) 52,643.08

| No | Uraian | Kode | Satuan | Koefisien | Harga Satuan (Rp.) | Jumlah Harga (Rp.) |
|----|-------------------------------------|---------|--------|-----------|---------------------|--------------------|
| A. | TENAGA | | | | | |
| | Pekerja | L.01.01 | OH | 0.0200 | 142,424.00 | 2,848.48 |
| | Tukang batu | L.02.03 | OH | 0.0630 | 178,030.00 | 11,215.89 |
| | Kepala tukang | L.03.01 | OH | 0.0063 | 192,272.40 | 1,211.32 |
| | Mandor | L.04.01 | OH | 0.0030 | 213,636.00 | 640.91 |
| | | | | | JUMLAH TENAGA KERJA | 15,916.59 |
| B. | BAHAN | | | | | |
| | Plamuur | | kg | 0.1000 | - | - |
| | Cat Dasar | | kg | 0.1000 | - | - |
| | Cat Penutup | | kg | 0.2600 | 111,000.00 | 28,860.00 |
| | Ampelas | | lbr | 0.2000 | 5,000.00 | 1,000.00 |
| | | | | | JUMLAH HARGA BAHAN | 29,860.00 |
| C. | PERALATAN | | | | | |
| | | | | | JUMLAH HARGA ALAT | - |
| D. | Jumlah (A+B+C) | | | | | 45,776.59 |
| E. | Overhead & Profit 10% | | | 15.00% | | 6,866.49 |
| F. | Harga Satuan Pekerjaan (D+E) | | | | | 52,643.08 |

HARGA SATUAN MATERIAL

Kegiatan : Penyelenggaraan Jalan Kota/Kabupaten
 Pekerjaan : Belanja Jasa Konsultansi Perencanaan Rekayasa - Jasa Desain Rekayasa untuk
 Pekerjaan Teknik Sipil Transportasi - Konsultan Perencana Pedestrian
 JL.Andi Djemma (Ex.Landak Baru)
 Instansi : Dinas Pekerjaan Umum Kota Makassar
 Lokasi : Kota Makassar
 Sumber Dana : APBD
 Tahun : 2023

| NO. | NAMA MATERIAL | SAT. | HARGA SATUAN (Rp.) |
|-----|--|------|--------------------|
| 1. | Dolken kayu dia. 8-10/400 cm | btg | Rp 33,000.00 |
| 2. | Papan Kayu Kelas II | m3 | Rp 4,125,000.00 |
| 3. | Paku Biasa 2" - 5" | kg | Rp 22,700.00 |
| 4. | Semen Portland @40kg | sak | Rp 65,000.00 |
| | Semen Portland (kg) | kg | Rp 1,625.00 |
| 5. | Pasir Beton | m3 | Rp 292,500.00 |
| | Pasir Beton (kg) | kg | Rp 208.93 |
| 6. | Koral Beton | m3 | Rp 368,200.00 |
| | Koral Beton (kg) | kg | Rp 253.93 |
| 7. | Kerikil (Max. 30 mm) | m3 | Rp 368,200.00 |
| | Kerikil (Max. 30 mm) (kg) | kg | Rp 253.93 |
| 8. | Seng Gelombang | lbr | Rp 88,000.00 |
| 9. | Seng Plat | lbr | Rp 93,500.00 |
| 10. | Air | ltr | Rp 350.00 |
| 11. | Besi Beton (Polos/Ulir) | kg | Rp 18,440.00 |
| 12. | Kawat Beton | kg | Rp 23,000.00 |
| 13. | Papan Kayu Kelas III | m3 | Rp 2,200,000.00 |
| 14. | Paku Biasa | kg | Rp 22,700.00 |
| | Paku Biasa 5 - 10cm | kg | Rp 22,700.00 |
| | Paku Biasa 5 - 12cm | kg | Rp 22,700.00 |
| 15. | Minyak Bekisting | ltr | Rp 26,400.00 |
| 16. | Mortar MU-420 | Kg | Rp 5,024.00 |
| 17. | Balok Kayu Kelas II | m3 | Rp 3,965,500.00 |
| 18. | Plywood 9 mm | lbr | Rp 138,000.00 |
| 19. | Cat Meni Besi | ltr | Rp 65,126.62 |
| 20. | Pasir Urug | m3 | Rp 275,000.00 |
| 21. | Pasir Pasang | m3 | Rp 292,500.00 |
| 22. | Semen Warna | kg | Rp 28,000.00 |
| 23. | Homogeneous Tile uk. 30x60 Type D0078 Rucio ex. Niro Granite | bh | Rp 66,594.00 |
| 24. | Homogeneous Tile uk. 60x60 Type D0079 Notte ex. Niro Granite | bh | Rp 126,528.00 |
| 25. | Homogeneous Tile uk. 60x60 Type D0077 Castano ex. Niro Granite | bh | Rp 126,528.00 |
| 26. | Homogeneous Tactile uk. 30x30 Type TGSI Bright Yellow Line ex. | bh | Rp 53,564.50 |
| 27. | Homogeneous Tactile uk. 30x30 Type TGSI Bright Yellow Dot ex. | bh | Rp 53,564.50 |
| 28. | Pipa PVC 3" Tipe AW | m | Rp 97,800.00 |
| 29. | Deck Drain TAS DD 001 uk. 27x23x7 cm ex. Tasblock | bh | Rp 537,300.00 |

| NO. | NAMA MATERIAL | SAT. | HARGA SATUAN (Rp.) |
|-----|---|--------|--------------------|
| 30. | Bollard TAS BP 903 uk. 18x18x90 cm ex. Tasblock | bh | Rp 3,125,100.00 |
| 31. | Bench Parklet Module 2:200 ex. Tasblock | bh | Rp 15,279,000.00 |
| 32. | Litter Bin TAS LB 003 PILAH, ex. Tasblock | bh | Rp 5,235,000.00 |
| 33. | Cat Kansteen, ex. Jotun Traffic Paint | kg | Rp 111,000.00 |
| 34. | Ampelas | Lembar | Rp 5,000.00 |
| 35. | Batu Merah | bh | Rp 1,000.00 |
| 36. | Beton Ready Mixed (K 300) | m3 | Rp 1,105,000.00 |
| 37. | Tanam Timbunan | m3 | Rp 180,000.00 |
| 38. | Tanaman Arachis | m2 | Rp 50,000.00 |
| 39. | Tanah humus | m3 | Rp 125,000.00 |
| 40. | Sekam bakar | karung | Rp 25,000.00 |

HARGA SATUAN UPAH

Kegiatan : Penyelenggaraan Jalan Kota/Kabupaten
 Pekerjaan : Belanja Jasa Konsultansi Perencanaan Rekayasa - Jasa Desain Rekayasa untuk
 Pekerjaan Teknik Sipil Transportasi - Konsultan Perencana Pedestrian
 JL.Andi Djemma (Ex.Landak Baru)
 Instansi : Dinas Pekerjaan Umum Kota Makassar
 Lokasi : Kota Makassar
 Sumber Dana : APBD
 Tahun : 2023

| NO. | KODE | URAIAN | SAT. | HARGA SATUAN (Rp.) |
|-----|---------|------------------------|------|--------------------|
| 1. | L.01.01 | Pekerja | OH | 142,424.00 |
| 2. | L.02.01 | Tukang | OH | 178,030.00 |
| 3. | L.02.02 | Tukang Aluminium | OH | 178,030.00 |
| 4. | L.02.03 | Tukang Batu | OH | 178,030.00 |
| 5. | L.02.04 | Tukang Kayu | OH | 178,030.00 |
| 6. | L.02.05 | Tukang Besi | OH | 178,030.00 |
| 7. | L.02.06 | Tukang Besi Konstruksi | OH | 178,030.00 |
| 8. | L.02.07 | Tukang Besi Profil | OH | 178,030.00 |
| 9. | L.02.08 | Tukang Cat | OH | 178,030.00 |
| 10. | L.02.09 | Tukang Ereksi | OH | 178,030.00 |
| 11. | L.02.10 | Tukang Las Konstruksi | OH | 178,030.00 |
| 12. | L.02.11 | Tukang Las | OH | 178,030.00 |
| 13. | L.02.12 | Tukang Listrik | OH | 178,030.00 |
| 14. | L.02.13 | Tukang Pipa | OH | 178,030.00 |
| 15. | L.02.14 | Tukang Vibrator | OH | 178,030.00 |
| 16. | L.03.01 | Kepala Tukang | OH | 192,272.40 |
| 17. | L.04.01 | Mandor | OH | 213,636.00 |