# ANALISA HARGA SATUAN PEKERJAAN

Pekerjaan : Peningkatan Jalan Lingkungan
Kegiatan : Fasilitasi dan Stimulasi Pembangunan Perumahan Masyarakat kurang mampu
Unit Kerja : Dinas Tata Ruang dan Cipta Karya kota Bandung
Lokasi : Jalan Bojongloa Kaler Kelurahan Cigadung, Kec. Cibeunying Kaler
Sumber Dana : APBD Kota Bandung
Tahun Anggaran : 2010

| No. | URAIAN PEKERJAAN | SATUAN | VOLUME | HARGA SATUAN ( Rp. ) | JUMLAH HARGA ( Rp. ) |
|---|---|---|---|---|---|
| II | PEKERJAAN PENINGKATAN JALAN LNGKUNGAN | | | | |
| II.1. | Perataan Exiting Jalan dengan Plesteran Beton 1 Pc : 3 Ps, Tebal Rata - rata 15 mm | M2 | 1,00 | | |
| | *Jumlah 1M2 Perataan Exiting Jalan* | | | | |
| II.2. | Pengaspalan Dengan Hotmix Sangray | M2 | | | |
| a. | Lapis Perekat / Tack Coate | M2 | 0,30 | | |
| b. | Aspal Hotmix Sangray, Tebal = 3 Cm | M2 | 1,00 | | |
| | *Jumlah 1M2 Pengaspalan Tebal = 3 Cm* | | | | |
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| No. | URAIAN PEKERJAAN | Satuan | Koef. | Harga Satuan Bahan / Upah Rp | Jumlah Harga Bahan Rp | Jumlah Harga Upah Rp | Jumlah Harga Bahan + Upah Rp |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | 1 M' Pekerjaan Pengukuran Awal | | | | | | |
| | Mandor | Oh | 0,0050 | | | | |
| | Pekerja | Oh | 0,0500 | | | | |
| | Jumlah | | | | | | |
| | Keuntungan pemborong 10 % | | | | | | |
| | Jumlah | | | | | | |
| | Dibulatkan | | | | | | |
| | | | | | | | |
| 2 | 1 M2 Pembersihan dan Perataan Tanah | | | | | | |
| | Mandor | Oh | 0,0500 | | | | |
| | Pekerja | Oh | 0,1000 | | | | |
| | Jumlah | | | | | | |
| | Keuntungan pemborong 10 % | | | | | | |
| | Jumlah | | | | | | |
| | Dibulatkan | | | | | | |
| | | | | | | | |
| 3 | 1Unit Papan Proyek Ukuran Strandar | | | | | | |
| | Kayu Borneo | M3 | 0,1300 | | | | |
| | Paku 5 - 7 | Kg | 0,2500 | | | | |
| | Cat Minyak Avian | Ltr | 1,0000 | | | | |
| | Ongkos pasang | Ls | 0,1250 | | | | |
| | Penulisan | Ls | 0,1250 | | | | |
| | Jumlah | | | | | | |
| | Keuntungan pemborong 10 % | | | | | | |
| | Jumlah | | | | | | |
| | Dibulatkan | | | | | | |
| | | | | | | | |
| 4 | 1Liter Lapis Perekat / Tack coate | | | | | | |
| | Mandor | Oh | 0,0010 | | | | |
| | Operator Terlatih | Oh | 0,0021 | | | | |
| | Pembantu Operator | Oh | 0,0021 | | | | |
| | Buruh Lapangan tak Terlatih | Oh | 0,0041 | | | | |
| | Asphal Bitumen | Kg | 0,8078 | | | | |
| | Korosen / Minyak Tanah | Ltr | 0,2058 | | | | |
| | Blower 5 Ton / 145 Hp | Jam | 0,0104 | | | | |
| | Alat Bantu (Set @ 3 alat) | Jam | 0,0002 | | | | |
| | Asphalt Sprayer | Jam | 0,0104 | | | | |
| | Air Compressor | Jam | 0,0083 | | | | |
| | Jumlah | | | | | | |
| | Keuntungan pemborong 10 % | | | | | | |
| | Jumlah | | | | | | |
| | Dibulatkan | | | | | | |
| | | | | | | | |
| 5 | 1 M2 Pengaspalan Dengan Hotmix Sangray, Tebal = 3 Cm | | | | | | |
| | Mandor | Oh | 0,0175 | | | | |
| | Operator Terlatih | Oh | 0,0701 | | | | |
| | Operator Kurang Terlatih | Oh | 0,0350 | | | | |
| | Buruh Lapangan Terlatih | Oh | 0,0876 | | | | |
| | Buruh Lapangan Tidak Terlatih | Oh | 0,1402 | | | | |
| | Asphal | Kg | 4,7586 | | | | |
| | Filer | Kg | 0,0057 | | | | |
| | Agregat Halus / Pasir Beton | M3 | 0,0299 | | | | |
| | Kayu Bakar | M3 | 0,0300 | | | | |
| | Tandem Roller | Jam | 0,0118 | | | | |
| | Alat bantu | Ls | 0,1069 | | | | |
| | Jumlah | | | | | | |
| | Keuntungan pemborong 10 % | | | | | | |
| | Jumlah | | | | | | |
| | Dibulatkan | | | | | | |
| 6 | 1 M2 Plesteran Beton 1Pc : 3Ps, Tebal 15 mm | | | | | | |
| | Mandor | Oh | 0,0130 | | | | |
| | Pekerja | Oh | 0,2600 | | | | |
| | Tukang Batu | Oh | 0,2000 | | | | |
| | Kepala Tukang Batu | Oh | 0,0200 | | | | |
| | Semen Fc | Kg | 7,0700 | | | | |
| | Pasir Pasang | M3 | 0,0210 | | | | |
| | Jumlah | | | | | | |
| | Keuntungan pemborong 10 % | | | | | | |
| | Jumlah | | | | | | |
| | Dibulatkan | | | | | | |

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Kegiatan : Fasilitasi dan Stimulasi Pembangunan Perumahan Masyarakat kurang mampu
Unit Kerja : Dinas Tata Ruang dan Cipta Karya kota Bandung
Lokasi : Jalan Bojongloa Kaler Kel.Cigadung, Kec. Cibeunying Kaler
Sumber Dana : APBD Kota Bandung
Tahun Anggaran : 2010

| No. | JENIS PEKERJAAN | SATUAN | HARGA SATUAN ( Rp. ) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 | Pengukuran Awal | M' | |
| 2 | Pembersihan dan Perataan Tanah | M2 | |
| 3 | Papan Proyek | Unit | |
| 4 | Lapis Perekat Tack Coate | M2 | |
| 5 | Aspal Hotmix Sangray | M2 | |
| 6 | Plesteran Beton 1Pc : 3Ps, Tebal 15 mm | M2 | |

# DAFTAR HARGA SATUAN BAHAN

| No | Uraian | CODE | Satuan | HARGA SATUAN ( Rp ) |
|---|---|---|---|---|
| | | | | |
| 1 | Tanah Urug ( Pilihan ) | | M3 | |
| 2 | Tanah Merah | M.051 | M3 | |
| 4 | Abu batu / Filler | M.081 | M3 | |
| 5 | Pasir Urug | M.040 | M3 | |
| 6 | Pasir pasang | M.042 | M3 | |
| 7 | Pasir Beton I / Kasar | M.041 | M3 | |
| 8 | Pasir Aspal | | M3 | |
| 9 | Aspal Pen 60/70 (Curah) | M.065 | Kg | |
| 10 | Aspal Pen 60/70 (Drum) | M.066 | Kg | |
| 11 | Minyak Tanah | | Lt | |
| 12 | Hot Mix ACWC | M.082 | Ton | |
| 13 | Pasir Batu (sirtu) tersaring | | M3 | |
| 14 | Sirtu | M.012 | M3 | |
| 15 | Sirtu Tersaring bergradasi | M.012* | M3 | |
| 16 | Sirtu dengan batu pecah bergradasi | M.012** | M3 | |
| 17 | Bahan timbunan pilihan | M.050 | M3 | |
| 18 | Kerikil sungai ayakan | | M3 | |
| 19 | Batu belah pondasi | M.20A | M3 | |
| 16 | Batu Pecah 1/2 - 1 Pakai Mesin | M.026 | M3 | |
| 17 | Batu Pecah 1 : 2 Pakai mesin | M.025 | M3 | |
| 18 | Batu Pecah 2 : 3 Pakai mesin | M.024 | M3 | |
| 19 | Batu Pecah 3 : 5 Pakai mesin | M.023 | M3 | |
| 20 | Batu Pecah 5 : 7 Pakai Mesin | M.022 | M3 | |
| 21 | Batu Pecah 7 : 10 Pakai Mesin | M.021 | M3 | |
| 22 | Batu Pecah 10 : 15 Pakai Mesin | M.020 | M3 | |
| 23 | Batu koral beton kali | | M3 | |
| 24 | semen tiga roda | M.080 | Kg | |
| 25 | Semen putih | | Kg | |
| 26 | Bata Merah bakar kelas 1 | M.235 | bh | |
| 27 | Bata Merah bakar kelas 2 | | bh | |
| 28 | Injuk ( 20 kg/m2 | | kg | |
| 29 | Gravel 1/2 Lingkaran dia.20 cm | M.204 | Bh | |
| 30 | Gravel 1/2 Lingkaran dia.30 cm | M.205 | bh | |
| 31 | Buis Beton dia.30 - 1 Cm | M.208 | Bh | |
| 32 | Besi Baja beton U-32, Ulir | | Kg | |
| 33 | Besi Baja beton U-39, Ulir | | Kg | |
| 34 | Basi Baja beton U-42, Ulir | | Kg | |
| 35 | Basi Baja beton U-24, Polos | | Kg | |
| 36 | Basi Baja beton U-32, Polos | | Kg | |
| 37 | Kawat Beton | | Kg | |
| 38 | Kawat pengikat | | M' | |
| 39 | Kawat Bronjong 4 mm | | Kg | |
| 40 | Kawat Bronjong 3 mm | | Kg | |
| 41 | Paku 1 s/d 3 cm | | Kg | |
| 42 | Paku 4 s/d 7 cm | | Kg | |
| 43 | Paku 8 s/d 12 cm | | Kg | |
| 44 | Paku uk. 10" | | Kg | |
| 45 | Paku Beton 10 cm | | Bh | |
| 46 | Paku Beton 7 cm | | Bh | |
| 47 | Kayu Bakar | M.090 | M3 | |

| No | Uraian | CODE | Satuan | HARGA SATUAN ( Rp ) |
|---|---|---|---|---|
| 48 | Kayu balok albasia | | M3 | |
| 49 | Kayu papan albasia | | M3 | |
| 50 | Kayu Terentang | | M3 | |
| 51 | Kayu balok Rasamala | | M3 | |
| 52 | Kayu Kamper singkil | | M3 | |
| 53 | Kayu balok Borneo super | | M3 | |
| 54 | Kayu balok Borneo super (Meranti) uk. 3 / 20 cm | | M3 | |
| 55 | Kayu balok Borneo super (Meranti) uk. 3 / 30 cm | | M3 | |
| 56 | Kayu balok Kamper Medan | | M3 | |
| 57 | Kayu papan Kamper Medan, uk. 3 / 20 cm - 3 / 30 cm | | M3 | |
| 58 | Kayu balok Kamper Banjar | | M3 | |
| 59 | Kayu papan Kamper Banjar, uk. 3 / 20 cm - 3 / 30 cm | | M3 | |
| 60 | Kayu balok Kamper Samarinda | | M3 | |
| 61 | Kayu papan Kamper Samarinda, uk. 3 / 20 cm - 3 / 30 cm | | M3 | |
| 62 | Kayu papan Kamper Samarinda, uk. 3 / 20 cm | | M' | |
| 63 | Kayu papan Kamper Samarinda, uk. 3 / 20 cm | | M' | |
| 64 | Kayu balok Jati Jateng tua lepas mata dia. 80 cm keatas | | M3 | |
| 65 | Kayu balok Jati Jabar tua lepas mata dia. 80 cm keatas | | M3 | |
| 66 | Kayu balok Jati Jabar dia. 40 cm keatas | | M3 | |
| 67 | Kayu kaso Borneo, uk. 5/7 - 4.00 m' | | M3 | |
| 68 | Dolken dia. 5 s/d 7 cm | | Btg | |
| 69 | Dolken dia. 8 s/d 10 cm | | Btg | |
| 70 | Bambu dia. 5 - 7 cm | | Btg | |
| 71 | Bambu dia. 7 - 10 cm | | Btg | |
| 72 | Bambu Gombong | | Btg | |
| 73 | Triplek 3 mm, 1.20 x 2.40 | | Lbr | |
| 74 | Triplek 4 mm, 1.20 x 2.40 | | Lbr | |
| 75 | Triplek 4 mm, uk. Pintu | | Lbr | |
| 76 | Triplek 6 mm, 1.20 x 2.40 | | Lbr | |
| 77 | Bilik bambu ( tanpa kulit ) | | M2 | |
| 78 | Bilik bambu ( dengan kulit ) | | M2 | |
| 79 | Bilik bambu hitam variasi | | M2 | |
| 80 | Alat Bantu / Alat-alat Kecil | M.170 | Set | |

HARGA SATUAN UPAH DAN PERALATAN

| No. | Uraian | Kode | Satuan | Harga Satuan (Rp) |
|---|---|---|---|---|
| | | | | |
| P | UPAH | | | |
| 1 | Buruh Lapangan Tak Terlatih | L.101 | Oh | |
| 2 | Buruh Lapangan Kurang Terlatih (1/2 Terampil) | L.103 | Oh | |
| 3 | Buruh Lapangan Terlatih (Pekerja Terampil) | L.106 | Oh | |
| 4 | Tukang Batu | L.079 | Oh | |
| 5 | Kepala Tukang Batu | L.073 | Oh | |
| 6 | Tukang Kayu | L.079 | Oh | |
| 7 | Kepala Tukang Kayu | L.073 | Oh | |
| 8 | Tukang Besi Beton | L.079 | Oh | |
| 9 | Kepala Tukang Besi Beton | L.073 | Oh | |
| 10 | Tukang Gali | L.106 | Oh | |
| 11 | Kepala Tukang Gali | L.073 | Oh | |
| 12 | Mekanik | L.071 | Oh | |
| 13 | Pembantu Mekanik | L.072 | Oh | |
| 14 | Operator Terlatih | L.081 | Oh | |
| 15 | Operator Kurang Terlatih | L.082 | Oh | |
| 16 | Pembantu Operator | L.089 | Oh | |
| 17 | Sopir Truck | L.091 | Oh | |
| 18 | Pembantu Supir | L.099 | Oh | |
| 19 | Mandor | L.061 | Oh | |
| | | | | |
| M.12 | BIAYA ALAT | | | |
| 1 | Asphalt Finisher 1.82 m | E.157 | Jam | |
| 2 | Asphalt Mixing Plant 10 Th | E.156 | Jam | |
| 3 | Asphalt Sprayer Towed 400 L | E.154 | Jam | |
| 4 | Bar Bending | | Jam | |
| 5 | Bar Cutter | | Jam | |
| 6 | Compressor Air 210 M3/h | E.301 | Jam | |
| 7 | Concrete Mixer 0.25 M3 / 10 HP | E.252 | Jam | |
| 8 | Concrete Vibrator 4 HP | E.089 | Jam | |
| 9 | Dump Truck 3.5 ton / 115 HP | E.211 | Jam | |
| 10 | Generator Set 3 - 5 KVA | E.331 | Jam | |
| 11 | Stamper | | Jam | |
| 12 | Tandem Roller 6 - 10 Ton | E.081 | Jam | |
| 13 | Pneumatic Tyre Roller 8 - 15 ton | E.084 | Jam | |
| 14 | Vibratory Roller ped 1 ton | E.087 | Jam | |
| 15 | Water Pump D 5 cm - 30 M3/Hr | E.341 | Jam | |
| 16 | Water Tank Truck 115 HP | E.182 | Jam | |
| 17 | Motor Grader 100 HP | E.010 | Jam | |
| 18 | Jack Hammer Eqpmnt | E.351 | | |
| 19 | Blower | E.352 | | |
| 20 | Beton Molen | | | |
| 21 | THREE WHEEL Roller 6 -- 8 T0n | E.080 | Jam | |