**MATERIAL PERENCANAAN PEMBANGUNAN KANDANG KAMBING**

Material WF 150

|  |  |  |
| --- | --- | --- |
| Kanan & kiri | 14 x 155 = | 2170 |
| Tengah | 14 x 247 = | 3458 |
| Atap | 7 x 1140 = | 7980 |
| Satuan (m) |  | 184 ( 15 lonjor ) |
| Rp. 25.200.000 |

Material WF 100

|  |  |  |
| --- | --- | --- |
| Sisi panjang | 4 x 19 | 7200 |
| 72 m / 6 m (13 lonjor) |
| Rp. 9.750.000 |

Gording Canal

|  |  |
| --- | --- |
| 12 x 1900 = | 22800 |
| Satuan (m) | 289,00 (48 lonjor ) |
| Rp. 13.000.000 |

Displang

|  |  |
| --- | --- |
| Siku 2.2 4800 x 200 = | Dihitung keliling |
|  | 20x2 + 11.4x2 = |
| Satuan (m) | 276 m ( 46 Lonjor) |
| Rp. 2.160.000 |

Material lain

|  |  |  |
| --- | --- | --- |
| Angker 19 mm | 4 x 28 = | 112 biji |
|  | 35.000 x 112 = | Rp. 3.920.000 |
| Plendes kolom 10 mm | ( 25 x 20 ) | 28 biji |
| Plat sambung | 21 m x 7 cm x 8 mm | 42 biji |
|  |  | Rp. 2.350.000 |
| Baut HTB A 325 14 mm | Kunci 22 | 224 biji |
|  | 7500 x 224 | Rp. 1.785.000 |
| Engsel Pintu 2’’ |  | 20 biji |
| Atap zinkalum | 324 m | Rp. 35.000/m |
| Dudukan Canal C | 12 m | Rp. 300.000 |
| Cat dasar | 10 galon | Rp.1.400.000 |
| bensin | 50 liter | Rp. 400.000 |
| Jarum keras | 16 x 25.000 | Rp. 400.000 |
| Baut | Kunci 12 | 120 biji |
| Plat strip 3,5 x 15 | 29 m (190 biji) | Rp. 1.440.000 |
| Rp. 300.000 |

Trekstang & tali angin 16 mm

|  |  |
| --- | --- |
| Tali angin | 64 m |
| trekstang | 152 m |
|  | 240 m / 370 kg |
| Rp. 3.700.000 |

Tutup depan belankang zinkalum

|  |  |  |
| --- | --- | --- |
| Sisi tengah | 6.18 x 2 | 12.36 |
| Sisi kanan kiri | 5.00 x 4 | 20.00 |
| Satuan (m2) |  | 32.36 |
|  | Keseluruhan zincalum 440 m | Rp. 15.400.000 |

Pagar P1 (dua unit )

|  |  |  |
| --- | --- | --- |
| Pipa 2’’ | 180 x 4 =  110 x 4 = | 720  440 |
| Jumlah |  | 99.0 |
| Pipa 1,5’’ | 82 x 6 =  45 x 2 =  102 x 4 = | 492  90  408 |
| Jumlah |  | 11.90 |
| Jumlah seluruh unit (m) | (2”) 990 x 2 =  (1,5”) 119 x 2 = | 19.80  23.80 |

Pagar PB 1 (empat belas unit)

|  |  |  |
| --- | --- | --- |
| Pipa 2’’ | 250 x 2 =  30 x 9 =  45 x 1 = | 500  270  45 |
| jumlah |  | 8.15 |
| Pipa 1,5’’ | 220 x 2 = | 440 |
| jumlah |  | 4.40 |
| Jumlah seluruh unit (m) | (2”) 815 x 14 =  (1,5”) 440 x 14 = | 114.10  61.60 |

Pagar PB 2 (dua belas unit)

|  |  |  |
| --- | --- | --- |
| Pipa 2” | 45 x 1 =  300 x 2 =  30 x 9 = | 45  600  270 |
| jumlah |  | 9.15 |
| Pipa 1,5” | 270 x 2 = | 540 |
| Jumlah |  | 5.40 |
| Jumlah seluruh unit (m) | (2”) 915 x 12 =  (1,5”) 540 x 12 = | 109.80  64.80 |

Pagar PB 3 (empat unit)

|  |  |  |
| --- | --- | --- |
| Pipa galvanis 2” | 45 x 1 =  30 x 9 =  80 x 2 =  208 x 2 =  95 x 2 = | 45  270  160  416  190 |
| jumlah |  | 10.81 |
| Pipa 1,5” | 193 x 2 =  72 x 2 = | 386  144 |
| jumlah |  | 5.30 |
| Jumlah seluruh unit (m) | (2”) 1081 x 4 =  (1,5”) 530 x 4 = | 43.24  21.20 |

Pagar PB 4 (dua unit )

|  |  |  |
| --- | --- | --- |
| Pipa 2” | 45 x 1 =  165 x 2 =  80 x 2 =  30 x 3 =  137,5 x 1 =  95 x 2 = | 45  330  160  90  137,5  190 |
| jumlah |  | 7.63 |
| Pipa 1,5” | 193 x 2 =  72 x 2 = | 386  144 |
| Jumlah |  | 4.34 |
| Jumlah seluruh unit (m) | (2”) 762,5 x 2 =  (1,5”)434 x 2 = | 15.25  9.48 |
| Jumlah total ( P1 , PB 1 , PB 2 , PB 3 , PB 4 ) | 1,5” = 31 lonjor  2” = 55 lonjor | Rp. 3.570.000  Rp. 8.360.000  Rp. 11.930.000 |

Tempat minum kambing

|  |  |  |
| --- | --- | --- |
| Paralon 8’’ | 12 m dibagi menjadi setengah lingkaran | 2 x 12 = 24 m |
|  |  | 3.900.000 |
| Tutup paralon 8” | 12 biji dibagi menjadi setengah lingkaran | 12 x 2 = 24 biji |
|  |  | 600.000 |
| Platstrip 1 x 40.4 | 1,5 x 36 = | 62 m |
| Platsrip 2x 30.3 | 2 x 12 = | 30 m |
|  |  | 900.000 |
|  |  | Rp. 5.420.000 |

Tempat pakan Kambing

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| --- | --- | --- |
| Besi kotak 2x2.2  Bagian kotak | 1.5 x 50 = | 7500 |
| Bagian lurus  280 x 4  230 x 2  180 x 4  130 x 2 | 1120 x 3 =  460 x 3 =  720 x 3 =  260 x 3 = | 3360  1380  2160  780 |
|  |  | 7680 |
| Jumlah bagian kotak & lurus (m) |  | 7680 + 7500=  163,80 (28 lonjor ) |
|  |  | Rp. 2.100.000 |

Dasar tempat pakan

|  |  |
| --- | --- |
| Singkalum datar 0,4 mm | Lebar 100 ( 1 m )  Panjang 2560 ( 26 m ) |
|  | Rp. 910.000 |

**HARGA SATUAN**

|  |  |  |
| --- | --- | --- |
| Keterangan | satuan | Harga |
| WF 150.75 | 1 lonjor / 12 m | Rp. 1.680.000 |
| WF 100 | 1 lonjor/6 m | Rp. 750.000 |
| Gording canal C 125.50 | 1 lonjor / 6 m | Rp. 271.000 |
| Trekstang & tali angin 16 mm | 1 lonjor | Rp. 127.000 |
| plendes kolom 20x25 10mm | 1 lembar / 120 x 240 cm | Rp. 2.350.000 |
| platstrip 5 x 3 ( Plat pengaku ) | 1 lonjor / 6 m | Rp. 240.000 |
| Siku 2.2 displang | 1 lonjor | Rp. 42.500 |
| Zincalum AZ 150 | 1 m | Rp. 35.000 |
| Pagar & pintu ( pipa 1,5” & 2” ) | 1,5” = 1 lonjor  2” = 1 lonjor | Rp. 115.000  Rp. 152.000 |
| Baut 14, baut 22, angker 19mm | Baut 14 = 1 biji  Baut 22 = 1 biji  Angker 19 mm = 1 biji | Rp. 2.500  Rp. 7.500  Rp. 35.000 |
| Tempat pakan kambing | Pipa kotak 2.2.2 = 1 lonjor  Singkalum datar = 1 m | Rp. 75.000  Rp. 30.000 |
| Tempat minum kambing | Paralon 8” = 1 lonjor  Tutup 8” = 1 biji  Platstrip 1.40 = 1 lonjor  Platstrip 2.30 = 1 lonjor | Rp. 650.000  Rp. 50.000  Rp. 14.000  Rp. 40.000 |
| Material lain – lain | Cat untuk WF = 1 galon  Cat emco = 1 kg  Bensin = 1 liter  Jarum keras = 1 biji | Rp. 140.000  Rp. 70.000  Rp. 7.000  Rp. 25.000 |

**BIAYA MATERIAL**

|  |  |  |
| --- | --- | --- |
| Keterangan | Kebutuhan | Harga |
| WF 150.75 | 15 lonjor | Rp. 25.200.000 |
| WF 100 | 13 Lonjor | Rp. 9.750.000 |
| Gording canal C 125.50 | 48 lonjor | Rp. 13.000.000 |
| Trekstang & tali angin 16 mm | 20 lonjor | Rp. 2.540.000 |
| plendes kolom 20x25 10mm | 1 lembar | Rp. 2.350.000 |
| platstrip 5 x 3 ( Plat pengaku ) | 6 lonjor | Rp. 1.440.000 |
| Siku 2.2 displang | 46 lonjor | Rp. 2.100.000 |
| Zincalum AZ 150 (Atap )  Zincalum AZ 150 (depan & belakang ) | 228 m2  38 m2 | Rp. 11.910.000  Rp. 3.490.000 |
| Pagar & pintu ( pipa 1,5” & 2” ) | 1,5” = 31 lonjor  2” = 55 lonjor | Rp. 3.570.000  Rp. 8.360.000 |
| Baut 14, baut 22, angker 19mm | Baut 14 = 120 biji  Baut 22 = 224 biji  Angker 19 mm = 112 biji | Rp. 300.000  Rp. 1.785.000  Rp. 3.920.000 |
| Tempat pakan kambing | Pipa kotak 2.2 = 28 lonjor  Singkalum datar = 26 m | Rp. 2.100.000  Rp. 910.000 |
| Tempat minum kambing | Paralon 8” = 6 lonjor  Tutup 8” = 12 biji  Platstrip 1.40 = 21 lonjor  Platstrip 2.30 = 10 lonjor | Rp. 3.900.000  Rp. 600.000  Rp. 300.000  Rp. 400.000 |
| Material lain – lain | Cat untuk WF = 10 galon  Cat emco = 5 kg  Bensin = 50 liter  Jarum keras = 16 biji | Rp. 1.400.000  Rp. 350.000  Rp. 350.000  Rp. 400.000 |
| Total Biaya |  | Rp. 99.170.000 |

**BIAYA PENGERJAAN**

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| --- | --- | --- |
| Keterangan |  | Biaya |
| Pekerjaan baja | 4.500 x 5.201 kg | Rp. 23.404.000 |
| Pekerjaan atap | 10.000 x 228 m2 | Rp. 2.280.000 |
| Pekerjaan zincalum bawah | 25.000 x 38 m2 | Rp. 950.000 |
| Pagar kandang | 75.000 x 108 m | Rp. 8.100.000 |
| Tempat makan | 100.000 x 12 | Rp. 1.200.000 |
| Tempat minum | 125.000 x 12 | Rp. 1.500.000 |
| lisplang | 60.000 x 63 m | Rp. 3.768.000 |
| Cat dinding | 8.000 x 128 m2 | Rp. 1.024.000 |
| Cat lisplang | 8.000 x 63 m | Rp. 504.000 |
| Rp. 42.640.000 |

**Keseluruhan anggaran biaya material & jasa** :

99.170.000  
42.640.000 +

Rp. 141.810.000