

**RENCANA ANGGARAN BIAYA (RAB) TUGAS AKHIR
REDESAIN GEDUNG SEKOLAH DASAR NEGERI SOKOSARI 1
TUBAN**

LUAS BANGUNAN LANTAI I : 338,85 m²
 LUAS BANGUNAN LANTAI II : 338,85 m²
 LUAS BANGUNAN TOTAL : 677,7 m²

ESTIKA P SANDRI LOB 008 030

TA31-SDN SOKOSARI 1 TUBAN 2012

| NO | JENIS PEKERJAAN | SATUAN | VOLUME | HRG SAT PKJAAN | JUMLAH HARGA |
|-------------------------------|---|----------------|---------|----------------|-------------------------|
| I. PEKERJAAN PERSIAPAN | | | | | |
| 1 | Pagar Sementara dari Seng Gelombang Tinggi 2,00 m | m ¹ | 107 | Rp 218,517.50 | Rp 23,381,372.50 |
| 2 | Pengukuran dan Pemasangan Bouwplank | m ¹ | 103.65 | Rp 37,115.00 | Rp 3,846,969.75 |
| 3 | Pembuatan Kantor Sementara dg Lantai Plesteran | m ² | 20 | Rp 652,625.00 | Rp 13,052,500.00 |
| 4 | Pembuatan Gudang Semen dan Alat-alat | m ² | 12 | Rp 546,812.50 | Rp 6,561,750.00 |
| 5 | Membersihkan Lapangan dan Perataan | m ² | 1140.48 | Rp 5,750.00 | Rp 6,557,760.00 |
| | | | | | Rp 53,400,352.25 |
| II. PEKERJAAN TANAH | | | | | |
| 1 | Galian Pondasi Lajur | m ³ | 260 | Rp 27,375.00 | Rp 7,117,500.00 |
| 2 | Galian Pondasi Footplat | m ³ | 52.92 | Rp 33,525.00 | Rp 1,774,143.00 |
| 3 | Membuang Tanah sejauh 30 m' | m ³ | 312.92 | Rp 12,000.00 | Rp 3,755,040.00 |
| 4 | Urugan tanah kembali | m ³ | | | Rp 2,963,881.00 |
| 5 | Pemadatan Tanah per 20 cm | m ³ | 241.45 | Rp 19,750.00 | Rp 4,768,637.50 |
| 6 | Urugan Pasir | m ³ | 74.26 | Rp 94,950.00 | Rp 7,050,987.00 |
| | | | | | Rp 27,430,188.50 |
| III. PEKERJAAN PONDASI | | | | | |
| 1 | Memasang Pondasi Batu Kali 1Pc : 5 PP | m ³ | 129.78 | Rp 476,755.00 | Rp 71,972,743.50 |
| 2 | Pasang Pondasi Batu Kosong (Aanstamping) | m ³ | 66.28 | Rp 229,575.00 | Rp 15,216,231.00 |
| 3 | Pasang Pondasi Rolag | m | 92 | Rp 34,137.50 | Rp 3,140,650.00 |
| 4 | Bor untuk Pondasi Straus ø 30 cm | titik | 14 | Rp 130,000.00 | Rp 1,820,000.00 |
| | | | | | Rp 92,149,624.50 |

| PEKERJAAN LANTAI I | | | | | | |
|--------------------|---|----------------|--------|----|--------------|-------------------------|
| IV | PEKERJAAN DINDING LT.I | | | | | |
| 1 | Memasang Dinding Bata Merah Ukuran (5x11x22)cm Tebal 1/2 Bata Camp. I | m ² | 429.36 | Rp | 58,937.50 | Rp 25,305,405.00 |
| 2 | Memasang Trasram Tinggi 40 cm | m | 145.5 | Rp | 82,273.75 | Rp 11,970,830.63 |
| | | | | | | Rp 37,276,235.63 |
| V | PEKERJAAN PLESTERAN LT.I | | | | | |
| 1 | Memasang Plesteran 1 Pc : 6 Pp Tebal 15 mm Dalam | m ² | 460.82 | Rp | 27,858.00 | Rp 12,837,523.56 |
| 2 | Memasang Acian Dalam | m ² | 460.82 | Rp | 16,306.25 | Rp 7,514,246.13 |
| 3 | Memasang Plesteran 1 Pc : 6 Pp Tebal 20 mm Luar | m ² | 460.82 | Rp | 37,234.00 | Rp 17,158,171.88 |
| 4 | Memasang Acian Luar | m ² | 460.82 | Rp | 16,306.25 | Rp 7,514,246.13 |
| | | | | | | Rp 45,024,187.69 |
| VI | PEKERJAAN KAYU LT.I | | | | | |
| 1 | Memasang Kosen pintu dan Jendela Kayu | m ³ | 3.213 | Rp | 6,952,500.00 | Rp 22,338,382.50 |
| 2 | Membuat Daun Pintu Panel Kayu | m ² | 17.34 | Rp | 410,150.00 | Rp 7,112,001.00 |
| 3 | Membuat Pintu dan Jendela Kaca | m ² | 65 | Rp | 287,800.00 | Rp 18,707,000.00 |
| | | | | | | Rp 48,157,383.50 |
| VII | PEKERJAAN LANGIT-LANGIT LT.I | | | | | |
| 1 | Memasang Langit-Langit Gypsum Board uk.120x240 tebal 9mm + Rangka | m ² | 285.37 | Rp | 157,575.00 | Rp 44,967,177.75 |
| 2 | List Langit-Langit | m' | 233.5 | Rp | 9,015.00 | Rp 2,105,002.50 |
| | | | | | | Rp 47,072,180.25 |
| VIII | PEKERJAAN SANITASI LT.I | | | | | |
| 1 | Memasang Closed Duduk INA | unit | 1 | Rp | 1,287,450.00 | Rp 1,287,450.00 |
| 2 | Memasang Closed Jongkok Porselen INA | unit | 2 | Rp | 445,900.00 | Rp 891,800.00 |
| 3 | Memasang Wastafel INA | unit | 1 | Rp | 1,364,515.00 | Rp 1,364,515.00 |
| 4 | Memasang Bak Mandi Bata Vol. 0,3 m ³ | unit | 3 | Rp | 873,000.00 | Rp 2,619,000.00 |
| 5 | Memasang pipa PVC ø 1/2 " | m' | 1 | Rp | 9,692.25 | Rp 9,692.25 |
| 6 | Memasang Pipa PVC ø 3' | m' | 40 | Rp | 48,789.50 | Rp 1,951,580.00 |
| 7 | Memasang Pipa PVC ø 4' | m' | 95.9 | Rp | 68,164.50 | Rp 6,536,975.55 |
| 8 | Memasang Kran | buah | 3 | Rp | 29,325.00 | Rp 87,975.00 |
| 9 | Memasang Floor Drain | buah | 3 | Rp | 9,525.00 | Rp 28,575.00 |
| | | | | | | Rp 14,777,562.80 |
| IX | PEKERJAAN INSTALASI LISTRIK LT.I | | | | | |
| | Lampu TL 2x20 Watt | titik | 21 | Rp | 22,000.00 | Rp 462,000.00 |

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|------------|--|----------------|---------|----|--------------|-----------|----------------------|
| | Lampu Philips Genie 18w/CD/WW E27 | titik | 2 | Rp | 33,000.00 | Rp | 66,000.00 |
| | Lampu Philips Tornado T3 15w/CD/WW | titik | 4 | Rp | 34,000.00 | Rp | 136,000.00 |
| | Stop Kontak Broco Gracio 4154 Child Protection | buah | 9 | Rp | 15,000.00 | Rp | 135,000.00 |
| | Stop Kontak Broco AC | buah | 2 | Rp | 53,000.00 | Rp | 106,000.00 |
| | Saklar Tunggal Broco Gracio 4161 Cream/White | buah | 6 | Rp | 10,000.00 | Rp | 60,000.00 |
| | Saklar Ganda Broco Gracio 4162 Cream/White | buah | 6 | Rp | 13,500.00 | Rp | 81,000.00 |
| | Instalasi Stop Kontak dan Titik Lampu | m' | 52.14 | Rp | 10,250.00 | Rp | 534,435.00 |
| | MCB | buah | 1 | Rp | 425,000.00 | Rp | 425,000.00 |
| | Memasang AC Split Wall LG Zet Cool 500 Watt 1/2PK | unit | 2 | Rp | 2,617,000.00 | Rp | 5,234,000.00 |
| | Memasang Ceiling Fan Panasonic 16 " | unit | 4 | Rp | 539,500.00 | Rp | 2,158,000.00 |
| | Instalasi Kabel dari PLN 4400 Watt | | 1 | Rp | 1,560,000.00 | Rp | 1,560,000.00 |
| | | | | | | Rp | 10,957,435.00 |
| X | PEKERJAAN KUNCI DAN KACA LT.I | | | | | | |
| 1 | Memasang Handle HP Gradino 99.26 US320 | buah | 8 | Rp | 76,075.00 | Rp | 608,600.00 |
| 2 | Memasang Kunci Tanam | buah | 3 | Rp | 69,575.00 | Rp | 208,725.00 |
| 3 | Memasang Kunci Kamar Mandi | buah | 3 | Rp | 31,537.50 | Rp | 94,612.50 |
| 4 | Memasang Engsel Pintu | buah | 42 | Rp | 36,362.50 | Rp | 1,527,225.00 |
| 5 | Memasang Engsel Jendela Kupu-Kupu Nylon | buah | 50 | Rp | 10,775.00 | Rp | 538,750.00 |
| 6 | Pasang Engsel Angin S20 Paloma 8" GP | buah | 50 | Rp | 28,550.00 | Rp | 1,427,500.00 |
| 7 | Pasang Kaca Tebal 5 mm | m ² | 28.884 | Rp | 104,608.75 | Rp | 3,021,519.14 |
| | | | | | | Rp | 7,426,931.64 |
| XI | PEKERJAAN PENUTUP LANTAI DAN DINDING LT.I | | | | | | |
| 1 | Memasang Keramik Lantai uk 20 cm x 20 cm | m ² | 9.949 | Rp | 110,500.00 | Rp | 1,099,364.50 |
| 2 | Memasang Keramik Lantai uk 40 cm x 40 cm | m ² | 199.63 | Rp | 95,070.00 | Rp | 18,978,824.10 |
| 3 | Memasang Keramik Lantai uk 60 cm x 60 cm | m ² | 126.88 | Rp | 120,380.42 | Rp | 15,273,867.27 |
| 4 | Memasang Keramik Dinding uk 20 cm x 20 cm | m ² | 32.727 | Rp | 119,172.50 | Rp | 3,900,158.41 |
| | | | | | | Rp | 39,252,214.27 |
| XII | PEKERJAAN PENGECATAN LT.I | | | | | | |
| 1 | Mendempul dan Menggosok Kayu | m ² | 184.523 | Rp | 4,952.50 | Rp | 913,850.16 |
| 2 | Pelaburan Bidang Kayu dengan Politur | m ² | 131.001 | Rp | 27,436.50 | Rp | 3,594,208.94 |
| 3 | Pelaburan Bidang Kayu dengan Residu & Ter | m ² | 184.523 | Rp | 4,715.00 | Rp | 870,025.95 |
| 4 | Mengecat Tembok Baru Catylax (1lap.Plamir,1lap.Cat Dasar,2lap.Cat Penutu | m ² | 921.64 | Rp | 9,930.50 | Rp | 9,152,346.02 |
| | | | | | | Rp | 14,530,431.06 |

| PEKERJAAN LANTAI II | | | | | | | |
|---------------------|---|----------------|---------|----|--------------|-----------|----------------------|
| XIII | PEKERJAAN DINDING LT.II | | | | | | |
| 1 | Memasang Dinding Bata Merah Ukuran (5x11x22)cm Tebal 1/2 Bata Camp. I | m ² | 506.915 | Rp | 58,937.50 | Rp | 29,876,302.81 |
| 2 | Memasang Trasram Camp. 1Pc : 3PP | m | 23.5 | Rp | 82,273.75 | Rp | 1,933,433.13 |
| | | | | | | Rp | 31,809,735.94 |
| XIV | PEKERJAAN PLESTERAN LT.II | | | | | | |
| 1 | Memasang Plesteran 1 Pc : 6 Pp Tebal 15 mm Dalam | m ² | 506.915 | Rp | 27,858.00 | Rp | 14,121,638.07 |
| 2 | Memasang Acian Dalam | m ² | 506.915 | Rp | 16,306.25 | Rp | 8,265,882.72 |
| 3 | Memasang Plesteran 1 Pc : 6 Pp Tebal 20 mm Luar | m ² | 506.915 | Rp | 37,234.00 | Rp | 18,874,473.11 |
| 4 | Memasang Acian Luar | m ² | 506.915 | Rp | 16,306.25 | Rp | 8,265,882.72 |
| | | | | | | Rp | 49,527,876.62 |
| XV | PEKERJAAN KAYU LT.II | | | | | | |
| 1 | Memasang Kosen pintu dan Jendela Kayu | m ³ | 3.246 | Rp | 6,952,500.00 | Rp | 22,567,815.00 |
| 2 | Membuat Daun Pintu Panel Kayu | m ² | 17.34 | Rp | 410,150.00 | Rp | 7,112,001.00 |
| 3 | Membuat Pintu dan Jendela Kaca | m ² | 65 | Rp | 287,800.00 | Rp | 18,707,000.00 |
| 4 | Memasang Listplank 2 x 30 Kayu | m' | 83.76 | Rp | 74,125.00 | Rp | 6,208,710.00 |
| | | | | | | Rp | 54,595,526.00 |
| XVI | PEKERJAAN LANGIT-LANGIT LT.II | | | | | | |
| 1 | Memasang Langit-Langit Gypsum Board uk.120x240 tebal 9mm + Rangka | m ² | 300.87 | Rp | 157,575.00 | Rp | 47,409,590.25 |
| 2 | List Langit-Langit | m' | 246.9 | Rp | 9,015.00 | Rp | 2,225,803.50 |
| | | | | | | Rp | 49,635,393.75 |
| XVII | PEKERJAAN SANITASI LT.II | | | | | | |
| 1 | Memasang Closed Duduk INA | unit | 1 | Rp | 1,287,450.00 | Rp | 1,287,450.00 |
| 2 | Memasang Closed Jongkok Porselen INA | unit | 2 | Rp | 445,900.00 | Rp | 891,800.00 |
| 3 | Memasang Wastafel INA | unit | 1 | Rp | 1,364,515.00 | Rp | 1,364,515.00 |
| 4 | Memasang Bak Mandi Bata Vol. 0,3 m3 | unit | 3 | Rp | 873,000.00 | Rp | 2,619,000.00 |
| 5 | Memasang pipa PVC ø 1/2 " | m' | 1 | Rp | 9,692.25 | Rp | 9,692.25 |
| 6 | Memasang Pipa PVC ø 3' | m' | 11.32 | Rp | 48,789.50 | Rp | 552,297.14 |
| 7 | Memasang Pipa PVC ø 4' | m' | 86 | Rp | 68,164.50 | Rp | 5,862,147.00 |
| 8 | Memasang Kran | buah | 3 | Rp | 29,325.00 | Rp | 87,975.00 |
| 9 | Memasang Floor Drain | buah | 3 | Rp | 9,525.00 | Rp | 28,575.00 |
| | | | | | | Rp | 12,703,451.39 |
| XVIII | PEKERJAAN INSTALASI LISTRIK LT.II | | | | | | |

| | | | | | | | |
|------------|--|----------------|---------|----|--------------|-----------|----------------------|
| 1 | Lampu TL 2x20 Watt | titik | 21 | Rp | 22,000.00 | Rp | 462,000.00 |
| 2 | Lampu Philips Genie 18w/CD/WW E27 | titik | 1 | Rp | 33,000.00 | Rp | 33,000.00 |
| 3 | Lampu Philips Tornado T3 15w/CD/WW | titik | 4 | Rp | 34,000.00 | Rp | 136,000.00 |
| 4 | Stop Kontak Broco Gracio 4154 Child Protection | buah | 9 | Rp | 15,000.00 | Rp | 135,000.00 |
| 5 | Stop Kontak Broco AC | buah | 2 | Rp | 53,000.00 | Rp | 106,000.00 |
| 6 | Saklar Tunggal Broco Gracio 4161 Cream/White | buah | 5 | Rp | 10,000.00 | Rp | 50,000.00 |
| 7 | Saklar Ganda Broco Gracio 4162 Cream/White | buah | 6 | Rp | 13,500.00 | Rp | 81,000.00 |
| 8 | Instalasi Stop Kontak dan Titik Lampu | | 53.75 | Rp | 10,250.00 | Rp | 550,937.50 |
| 9 | MCB | buah | 0 | Rp | 425,000.00 | Rp | - |
| 10 | Memasang AC Split Wall LG Zet Cool 500 Watt 1/2PK | unit | 2 | Rp | 2,617,000.00 | Rp | 5,234,000.00 |
| 11 | Memasang Ceiling Fan Panasonic 16 " | unit | 4 | Rp | 539,500.00 | Rp | 2,158,000.00 |
| | | | | | | Rp | 8,945,937.50 |
| XIX | PEKERJAAN KUNCI DAN KACA LT.II | | | | | | |
| 1 | Memasang Handle HP Gradino 99.26 US320 | buah | 8 | Rp | 76,075.00 | Rp | 608,600.00 |
| 2 | Memasang Kunci Tanam Biasa | buah | 3 | Rp | 69,575.00 | Rp | 208,725.00 |
| 2 | Memasang Kunci Kamar Mandi | buah | 3 | Rp | 31,537.50 | Rp | 94,612.50 |
| 3 | Memasang Engsel Pintu | buah | 42 | Rp | 36,362.50 | Rp | 1,527,225.00 |
| 4 | Memasang Engsel Jendela Kupu-Kupu Nylon | buah | 50 | Rp | 10,775.00 | Rp | 538,750.00 |
| 5 | Memasang Engsel Angin S20 Paloma 8" GP | buah | 50 | Rp | 28,550.00 | Rp | 1,427,500.00 |
| 6 | Pasang Kaca Tebal 5 mm | m ² | 28.884 | Rp | 104,608.75 | Rp | 3,021,519.14 |
| | | | | | | Rp | 7,426,931.64 |
| XX | PEKERJAAN PENUTUP LANTAI DAN DINDING LT.II | | | | | | |
| 1 | Memasang Keramik Lantai uk 20 cm x 20 cm | m ² | 9.949 | Rp | 110,500.00 | Rp | 1,099,364.50 |
| 2 | Memasang Keramik Lantai uk 40 cm x 40 cm | m ² | 199.32 | Rp | 95,070.00 | Rp | 18,949,352.40 |
| 3 | Memasang Keramik Lantai uk 60 cm x 60 cm | m ² | 92.86 | Rp | 120,380.42 | Rp | 11,178,525.49 |
| 4 | Memasang Keramik Dinding uk 20 cm x 20 cm | m ² | 32.727 | Rp | 119,172.50 | Rp | 3,900,158.41 |
| | | | | | | Rp | 35,127,400.80 |
| XXI | PEKERJAAN PENGECATAN LT.II | | | | | | |
| 1 | Mendempul dan Menggosok Kayu | m ² | 186.093 | Rp | 4,952.50 | Rp | 921,625.58 |
| 2 | Pelaburan Bidang Kayu dengan Politur | m ² | 121.707 | Rp | 27,436.50 | Rp | 3,339,214.11 |
| 3 | Pelaburan Bidang Kayu dengan Residu & Ter | m ² | 186.093 | Rp | 4,715.00 | Rp | 877,428.50 |
| 4 | Mengecat Tembok Baru Catylax (1lap.Plamir,1lap.Cat Dasar,2lap.Cat Penutu | m ² | 1013.83 | Rp | 9,930.50 | Rp | 10,067,838.82 |
| | | | | | | Rp | 15,206,107.00 |

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| XXII | PEKERJAAN BETON | | | | | |
| 1 | Membuat Pondasi Beton Foot Plat Bertulang + Bekisting | m ³ | 22.788 | Rp | 2,700,900.00 | Rp 61,548,109.20 |
| 2 | Membuat Sloof Beton Bertulang + Bekisting | m ³ | 7.7868 | Rp | 3,335,780.00 | Rp 25,975,051.70 |
| 3 | Membuat Kolom Beton Bertulang + Bekisting | m ³ | 50.55 | Rp | 4,765,260.00 | Rp 240,883,893.00 |
| 4 | Membuat Balok Beton Bertulang + Bekisting | m ³ | 51.7875 | Rp | 4,976,685.00 | Rp 257,730,074.44 |
| 5 | Membuat Tangga Beton Bertulang + Bekisting | m ³ | 4.229 | Rp | 3,808,830.00 | Rp 16,107,542.07 |
| 6 | Membuat Kolom Penguat Beton Bertulang + Bekisting | m | 91.81 | Rp | 50,485.00 | Rp 4,635,027.85 |
| 7 | Membuat Ring Balk Beton Bertulang + Bekisting | m | 150.65 | Rp | 67,505.50 | Rp 10,169,703.58 |
| 8 | Membuat Pondasi Beton Straus Bertulang ø 30 cm | m ³ | 7.112 | Rp | 2,488,600.00 | Rp 17,698,923.20 |
| 9 | Membuat Plat Beton Bertulang + Bekisting | m ³ | 44.37 | Rp | 3,615,050.00 | Rp 160,399,768.50 |
| 10 | Membuat Talang Beton Bertulang + Bekisting | m ³ | 10.8291 | Rp | 3,615,050.00 | Rp 39,147,737.96 |
| 11 | Membuat Topi-Topi tebal 10cm | m ³ | 1.512 | Rp | 3,615,050.00 | Rp 5,465,955.60 |
| 12 | Membuat Lantai Kerja | m ³ | 2.172 | Rp | 2,477,038.54 | Rp 5,380,127.71 |
| | | | | | | Rp 845,141,914.80 |
| XXIII | PEKERJAAN BESI DAN ALUMUNIUM | | | | | |
| 1 | Mengerjakan Pekerjaan Perakitan (Kuda-kuda Baja) | m ² | 380.281 | Rp | 160,000.00 | Rp 60,844,960.00 |
| | | | | | | Rp 60,844,960.00 |
| XXIV | PEKERJAAN PENUTUP ATAP | | | | | |
| 1 | Pasang Atap Genteng Beton | m ² | 380.281 | Rp | 46,010.00 | Rp 17,496,728.81 |
| | | | | | | Rp 17,496,728.81 |
| XXV | PEKERJAAN LAIN - LAIN | | | | | |
| 1 | Pagar Keliling | m ² | 170 | Rp | 113,032.25 | Rp 19,215,482.50 |
| 2 | Pagar Tangga Pasangan 1/2 Bata | m ² | 8.4055 | Rp | 113,032.25 | Rp 950,092.58 |
| 3 | Ground Reservoir (Tandon Air Bawah Tanah) | unit | 1 | Rp | 7,725,158.70 | Rp 7,725,158.70 |
| 4 | Septictank dan Resapan | unit | 1 | Rp | 7,995,172.45 | Rp 7,995,172.45 |
| 5 | Pompa Air Sumur Dangkal Shimizu PS 226 BIT 200 Watt | unit | 1 | Rp | 750,000.00 | Rp 750,000.00 |
| 6 | Pasang Penangkal Petir | unit | 1 | Rp | 2,500,000.00 | Rp 2,500,000.00 |
| 7 | Pasang Pintu PVC TulusDoor | buah | 6 | Rp | 195,000.00 | Rp 1,170,000.00 |
| 8 | Memasang Paving Block | m ² | 777.93 | Rp | 44,155.00 | Rp 34,349,499.15 |
| | | | | | | Rp 74,655,405.38 |