

DINAS PENDIDIKAN DAN KEBUDAYAAN  
KABUPATEN PESISIR SELATAN



# FINALL QUANTITY

NO. KONTRAI : 420/11/SPK-APBD/DPK-SARANA.SD/IV/2018

TANGGAL : 13 APRIL 2018

KEGIATAN : PEMBANGUNAN PAGAR SD

PEKERJAAN : PEMBANGUNAN PAGAR SDN 01 KOTO PULAI

LOKASI : KECAMATAN LENGAYANG

*Kontraktor Pelaksana*

CV. SUMBER KEMBAR SEJAHTERA

PENGAWAS DINAS PU DAN PENATAAN RUANG  
KABUPATEN PESISIR SELATAN

**PAINAN 2018**

## FINAL QUANTITY

### PEMBANGUNAN PAGAR

| NO                                   | SKETSA / URAIAN PEKERJAAN                        | ESTIMASI                                                                                                                                                          | REKAP VOLUME         |
|--------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>PEKERJAAN PERSIAPAN/PERMULAAN</b> |                                                  |                                                                                                                                                                   |                      |
| 1.                                   | Pek. Pengukuran dan Pasangan Bowplank            | (Panjang) (Buah)<br>20,00 x 1,000 = 20,00                                                                                                                         | 20,00 m'             |
| 2.                                   | Pengadaan Papan Nama Kegiatan                    |                                                                                                                                                                   | 1,00 Ls              |
| 3.                                   | Pek. Pembebasan dan Penebangan Pohon             |                                                                                                                                                                   | 1,00 Ls              |
| 4.                                   | Pek. Pembongkaran dinding pagar lama untuk kolom |                                                                                                                                                                   | 1,00 Ls              |
| <b>PEKERJAAN TANAH</b>               |                                                  |                                                                                                                                                                   |                      |
| 1.                                   | Galian Tanah Pondasi                             | (Panjang) (Lebar) (Tinggi)<br>= 79,00 x 0,60 x 0,50 = 23,70 m <sup>3</sup><br>4,20 x 0,80 x 0,50 = 1,68 m <sup>3</sup><br><br>Total Volume = 25,38 m <sup>3</sup> | 25,38 m <sup>3</sup> |
| 2.                                   | Isangan Tanah Kembali                            | = Dihitung 1/3 dari galian                                                                                                                                        | 7,56 m <sup>3</sup>  |
| <b>PEKERJAAN PONDASI</b>             |                                                  |                                                                                                                                                                   |                      |
| 1.                                   | Pas. Batu Kosong / Aanstampang Batu Kali         | (Pij) (Lbr) (Tgg)<br>= 79,00 x 0,60 x 0,20 = 9,48 m <sup>3</sup><br>4,20 x 0,80 x 0,20 = 0,67 m <sup>3</sup><br>10,15                                             | 10,15 m <sup>3</sup> |
| 2.                                   | Pas. Pondasi Batu Kali                           | = 79,00 x 0,40 x 0,50 = 15,80 m <sup>3</sup><br>4,20 x 0,50 x 0,80 = 1,68 m <sup>3</sup><br>17,48                                                                 | 17,48 m <sup>3</sup> |
| <b>PEKERJAAN BETON BERTULANG</b>     |                                                  |                                                                                                                                                                   |                      |
| 1.                                   | Pek. Sloof (15 x 20) cm                          | = 15,00 x 20,00 = 33,33 m <sup>3</sup> /m <sup>3</sup> 0,03 m <sup>3</sup> /m <sup>3</sup> selimut betk = 2,50 cm                                                 |                      |
| a.                                   | Beton Mutu K-175                                 | = 80,00 x 0,03 = 2,40 m <sup>3</sup>                                                                                                                              | 2,40 m <sup>3</sup>  |
| b.                                   | Bekisting                                        | = 80,00 x 0,40 = 22,86 m <sup>2</sup>                                                                                                                             | 22,86 m <sup>2</sup> |
| c.                                   | Pembesian                                        |                                                                                                                                                                   | 304,61 kg            |
|                                      | Tulangan Utama 4Ø10                              | = 80,00 x 4,00 x 0,62 = 197,33 kg                                                                                                                                 |                      |
|                                      | Sengkang Ø8 - 15 cm                              | = 533,33 x 0,58 x 0,395 = 122,28 kg                                                                                                                               |                      |
|                                      |                                                  | = 304,61 kg                                                                                                                                                       |                      |
| 2.                                   | Pek. Kolom K1 (20 x 20) cm                       | = 20,00 x 20,00 = 25,00 m <sup>3</sup> /m <sup>3</sup> 0,04 m <sup>3</sup> /m <sup>3</sup> selimut betk = 2,50 cm                                                 |                      |
| a.                                   | Beton Mutu K-175                                 | = 1,50 x 40,00 Bh = 60,00 m <sup>3</sup>                                                                                                                          | 2,40 m <sup>3</sup>  |
| b.                                   | Bekisting                                        | = 60,00 x 0,04 m <sup>2</sup> = 2,40 m <sup>3</sup>                                                                                                               | 34,29 m <sup>2</sup> |
| c.                                   | Pembesian                                        | = 60,00 x 0,80 = 34,29 m <sup>2</sup>                                                                                                                             | 255,79 kg            |
|                                      | Tulangan Utama 4 Ø 10                            | = 60,00 x 4,00 x 0,62 = 148,00 kg                                                                                                                                 |                      |
|                                      | Sengkang Ø8 - 15 cm                              | = 401,00 x 0,68 x 0,395 = 107,79 kg                                                                                                                               |                      |
|                                      |                                                  | = 255,79 kg                                                                                                                                                       |                      |
| 3.                                   | Pek. Balok (13x15) cm                            | = 13,00 x 15,00 = 51,28 m <sup>3</sup> /m <sup>3</sup> 0,02 m <sup>3</sup> /m <sup>3</sup> selimut betk = 2,50 cm                                                 |                      |
| a.                                   | Beton Mutu K-175                                 | = 119,00 x 0,020 = 2,32 m <sup>3</sup>                                                                                                                            | 2,33 m <sup>3</sup>  |
| b.                                   | Bekisting                                        | = 119,00 x 0,30 = 25,50 m <sup>2</sup>                                                                                                                            | 25,50 m <sup>2</sup> |
| c.                                   | Pembesian                                        |                                                                                                                                                                   | 420,15 kg            |
|                                      | Tulangan Utama 4Ø10                              | = 119,00 x 4,00 x 0,618 = 294,00 kg                                                                                                                               |                      |
|                                      | Sengkang Ø8 - 15 cm                              | = 794,33 x 0,44 x 0,40 = 138,16 kg                                                                                                                                |                      |
|                                      |                                                  | = 420,15 kg                                                                                                                                                       |                      |

| NO                                              | SKETSA / URAIAN PEKERJAAN                                                           | ESTIMASI                                                                                                                                                                                                                                                                                                                                      | REKAP VOLUME          |
|-------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>PEKERJAAN PASANGAN DINDING DAN PLESTERAN</b> |                                                                                     |                                                                                                                                                                                                                                                                                                                                               |                       |
| 1.                                              | Pos. Dinding 1/2 Bata ad, 1 : 4                                                     | <div> <div> (Pjg) (Tinggi) </div> <div> = 64,40 x 1,15<br/> 4,00 x 1,15<br/> 1,30 x 1,15<br/> 2,30 x 1,15<br/> 2,60 x 1,15 </div> <div> (Luas) m<sup>2</sup><br/> = 74,06 m<sup>2</sup><br/> = 4,60 m<sup>2</sup><br/> = 1,50 m<sup>2</sup><br/> = 2,65 m<sup>2</sup><br/> = 2,99 m<sup>2</sup><br/> +<br/> 85,79 m<sup>2</sup> </div> </div> | 85,79 m <sup>2</sup>  |
| 2.                                              | Plesteran 1 : 4 tebal 15 mm<br>Plaster dinding lama                                 | <div> = 85,79 x 2,00 = #### m<sup>2</sup><br/> = 36,40 x 1,15 x 2,00 = 83,72<br/> ####<br/> = #### m<sup>2</sup> </div>                                                                                                                                                                                                                       | 255,30 m <sup>2</sup> |
| 3.                                              | Pek. Acian dan Atwerking Beton<br>Atwerking Bidang Beton<br>Sloof<br>Kolom<br>Balok | <div> = 113,17 = #### m<sup>2</sup><br/> = 80,00 x 0,40 = 32,00 m<sup>2</sup><br/> = 60,00 x 0,50 = 30,00 m<sup>2</sup><br/> = 119,00 x 0,43 = 51,17 m<sup>2</sup><br/> = 113,17 m<sup>2</sup> </div>                                                                                                                                         | 113,17 m <sup>2</sup> |
| 4.                                              | Pagar Besi minimalis ( Hollow 4/4 dan 2/4 )                                         | = 2,60 x 0,50 x 12,00 = - m <sup>2</sup>                                                                                                                                                                                                                                                                                                      | - m <sup>2</sup>      |
| 5.                                              | Pintu Pagar minimalis ( Hollow 4/4 dan 2/4 ) + Aksesori                             | = 4,00 x 1,50 x 1,00 = 6,00 m <sup>2</sup>                                                                                                                                                                                                                                                                                                    | 6,00 m <sup>2</sup>   |
| <b>PEKERJAAN CAT</b>                            |                                                                                     |                                                                                                                                                                                                                                                                                                                                               |                       |
| 1.                                              | Mencat Dinding Dengan Cat Tembok (Bagian depan)                                     | <div> Area Pagar Depan = 45,80 x 1,15 x 2,00 = ####<br/> Sloof = 45,80 x 0,40 = 18,32<br/> Kolom = 16,00 x 0,50 x 1,50 = 12,00<br/> Balok = 45,80 x 0,43 = 19,69<br/> = 155,35 </div>                                                                                                                                                         | #REF! m <sup>2</sup>  |
| <b>PEKERJAAN GEBELANG</b>                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                               |                       |
| 1.                                              | Galian Tanah Pondasi                                                                | <div> (Panjang) (Lebar) (Tinggi)<br/> = 1,00 x 1,00 x 1,55 = 1,55 m<sup>3</sup><br/> 2,00 x 1,55 = 3,10 m<sup>3</sup> Total </div>                                                                                                                                                                                                            | 3,10 m <sup>3</sup>   |
| 2.                                              | Pek. Lantai Kerja t=5 cm                                                            | <div> = 1,00 x 1,00 x 0,05 = 0,05 m<sup>3</sup><br/> 2,00 x 0,05 = 0,10 m<sup>3</sup> Total </div>                                                                                                                                                                                                                                            | 0,10 m <sup>3</sup>   |
| 3.                                              | Pek. Beton K 225 ( Tapak Plat )                                                     | <div> = 1,00 x 1,00 x 0,27 = 0,27 m<sup>3</sup><br/> 2,00 x 0,27 = 0,54 m<sup>3</sup> Total </div>                                                                                                                                                                                                                                            | 0,54 m <sup>3</sup>   |
|                                                 | Pembesian<br>Ø 12 - 150<br>Ø 12 - 150                                               | <div> 2,56 x 6,00 x 0,89 = 13,64<br/> 2,56 x 6,00 x 0,89 = 13,64<br/> 2,00 x 27,28 = 54,56 Kg Total </div>                                                                                                                                                                                                                                    | 54,56 Kg              |
|                                                 | Pek. Bekisting                                                                      | = 4,00 x 0,20 x 2,00 = 1,60 M <sup>2</sup>                                                                                                                                                                                                                                                                                                    | 1,60 M <sup>2</sup>   |

| NO  | SKETSA / URAIAN PEKERJAAN                           | ESTIMASI |      |       |      |      |       | REKAP VOLUME        |                           |                     |
|-----|-----------------------------------------------------|----------|------|-------|------|------|-------|---------------------|---------------------------|---------------------|
| 4.  | Beton K 225 (Kolom 25 x 40 cm)<br>Beton K 225       | =        | 0,25 | x     | 0,40 | x    | 4,95  | =                   | 0,50 m <sup>3</sup>       | 0,99 m <sup>3</sup> |
|     |                                                     |          |      |       | 2,00 | x    | 0,50  | =                   | 0,99 m <sup>3</sup> Total |                     |
|     | Pembesian                                           |          |      |       |      |      |       |                     |                           | 123,54 Kg           |
|     | 8 Ø 12                                              | 5,45     | x    | 8,00  | x    | 0,89 | =     | 38,72               |                           |                     |
|     | Ø 8 - 100                                           | 1,18     | x    | 49,50 | x    | 0,39 | =     | 23,05               |                           |                     |
|     |                                                     |          |      |       | 2,00 | x    | 61,77 | =                   | 123,54 Kg Total           |                     |
|     | Pek. Bekisting                                      | =        | 4,95 | x     | 1,30 | x    | 1,60  | =                   | 10,30 M2                  | 10,30 M2            |
| 5.  | Beton K 225 (Balok B1 uk 15 x 50 cm)<br>Beton K 225 | =        | 0,15 | x     | 0,50 | x    | 2,00  | =                   | 0,15 m <sup>3</sup>       | 0,22 m <sup>3</sup> |
|     | Sayap                                               | 0,49     | x    | 0,20  | x    | 0,15 | =     | 0,01 m <sup>3</sup> |                           |                     |
|     |                                                     | 0,85     | x    | 0,45  | x    | 0,15 | =     | 0,06 m <sup>3</sup> | +                         |                     |
|     |                                                     |          |      |       |      |      |       | 0,07                |                           |                     |
|     | Pembesian                                           |          |      |       |      |      |       |                     |                           | 34,90 Kg            |
|     | 10 Ø 10                                             | 2,70     | x    | 10,00 | x    | 0,62 | =     | 16,65               |                           |                     |
|     | Ø 8 - 150                                           | 1,18     | x    | 13,33 | x    | 0,39 | =     | 6,21                |                           |                     |
|     |                                                     |          |      |       | 1,00 | x    | 22,86 | =                   | 22,86 Kg Total            |                     |
|     | Sayap                                               |          |      |       |      |      |       |                     |                           |                     |
|     | 12 Ø 10                                             | 0,60     | x    | 12,00 | x    | 0,62 | =     | 4,44                |                           |                     |
|     | Ø 8 - 150                                           | 1,00     | x    | 4,00  | x    | 0,39 | =     | 1,58                |                           |                     |
|     |                                                     |          |      |       | 2,00 | x    | 6,02  | =                   | 12,04 Kg Total            |                     |
|     | Pek. Bekisting                                      |          |      |       |      |      |       |                     |                           | 3,25 M2             |
|     |                                                     | =        | 2,00 | x     | 1,15 |      | =     | 2,30 M2             |                           |                     |
|     |                                                     |          | 1,90 | x     | 0,25 | x    | 2,00  | =                   | 0,95 M2                   |                     |
| 6.  | Beton K 225 (Balok B2 uk 15 x 75 cm)<br>Beton K 225 | =        | 0,15 | x     | 0,75 | x    | 2,00  | =                   | 0,23 m <sup>3</sup>       | 0,23 m <sup>3</sup> |
|     | Pembesian                                           |          |      |       |      |      |       |                     |                           | 25,92 Kg            |
|     | 14 Ø 10                                             | 2,10     | x    | 14,00 | x    | 0,62 | =     | 18,13               |                           |                     |
|     | Ø 8 - 150                                           | 1,48     | x    | 13,33 | x    | 0,39 | =     | 7,79                |                           |                     |
|     |                                                     |          |      |       | 1,00 | x    | 25,92 | =                   | 25,92 Kg Total            |                     |
|     | Pek. Bekisting                                      |          |      |       |      |      |       |                     |                           | 3,30 M2             |
|     |                                                     | =        | 2,00 | x     | 1,65 |      | =     | 3,30 M2             |                           |                     |
| 7.  | Pek. Profil Beton                                   |          |      |       |      |      |       |                     |                           | 18,98 M             |
|     |                                                     | =        | 4,75 | x     | 2,00 |      | =     | 9,50 M              |                           |                     |
|     |                                                     |          | 0,62 | x     | 4,00 |      | =     | 2,48 M              |                           |                     |
|     |                                                     |          | 1,50 | x     | 2,00 |      | =     | 3,00 M              |                           |                     |
|     |                                                     |          | 2,00 | x     | 2,00 |      | =     | 4,00 M              |                           |                     |
|     |                                                     |          |      |       |      |      |       | 18,98 M             |                           |                     |
| 8.  | Pek. Plesteran Ciprat                               | =        | 1,00 |       |      |      | =     | 1,00 Unit           |                           | 1,00 Ls             |
| 9.  | Pan. Batu Alam                                      | =        | 1,00 | x     | 1,30 | x    | 2,00  | =                   | 2,60 M2                   | 2,60 M2             |
| 10. | Pek. Alurkiring Beton                               |          |      |       |      |      |       |                     |                           | 16,47 M2            |
|     |                                                     | =        | 1,30 | x     | 4,95 | x    | 2,00  | =                   | 12,87 M2                  |                     |
|     |                                                     |          | 1,30 | x     | 2,00 | x    | 1,00  | =                   | 2,60 M2                   |                     |
|     |                                                     |          | 1,80 | x     | 2,00 | x    | 1,00  | =                   | 3,60 M2                   | +                   |
|     |                                                     |          |      |       |      |      |       | 19,07 M2            | •                         | •• = 16,47          |

| NO  | SKETSA / URAIAN PEKERJAAN                   | ESTIMASI      | REKAP VOLUME |
|-----|---------------------------------------------|---------------|--------------|
| 11. | Pek. Pengecatan Gerbang                     | = 16,47       | 16,47 M2     |
| 12. | Pas. Merk Nama Sekolah dari Stainless Steel | = 1,00        | 1,00 Unit    |
| 13. | Pas. Granit dinding                         | = 1,85 x 0,60 | 1,11 m2      |

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