

LAMPIRAN

Lampiran 1

Perhitungan Manual Dengan Menggunakan Analisis ABC

1. Pipa AW 3

$$\begin{aligned}\text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 2.800 \times \text{Rp } 235.952 \\ &= \text{Rp } 660.665.600\end{aligned}$$

$$\begin{aligned}\text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 660.665.600}{\text{Rp } 2.700.100.285} \\ &= 24,47\%\end{aligned}$$

2. Pipa AW 4

$$\begin{aligned}\text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 1.930 \times \text{Rp } 255.000 \\ &= \text{Rp } 492.150.000\end{aligned}$$

$$\begin{aligned}\text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 492.150.000}{\text{Rp } 2.700.100.285} \\ &= 18,23\%\end{aligned}$$

3. Pipa AW 2 ½

$$\begin{aligned}\text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 2.350 \times \text{Rp } 190.856 \\ &= \text{Rp } 448.511.600\end{aligned}$$

$$\begin{aligned}\text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 448.511.600}{\text{Rp } 2.700.100.285} \\ &= 16,61\%\end{aligned}$$

4. Pipa D 3

$$\text{Harga Total Per pcs} = \text{Total Permintaan Pipa} \times \text{Harga per pcs}$$

$$= 2.150 \times \text{Rp } 100.894$$

$$= \text{Rp } 216.922.100$$

$$\text{Nilai Persentase (\%)} = \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}}$$

$$= \frac{\text{Rp } 216.922.100}{\text{Rp } 2.700.100.285}$$

$$= 8.03\%$$

5. **Pipa AW 2**

$$\text{Harga Total Per pcs} = \text{Total Permintaan Pipa} \times \text{Harga per pcs}$$

$$= 2120 \times \text{Rp } 73.865$$

$$= \text{Rp } 156.593.800$$

$$\text{Nilai Persentase (\%)} = \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}}$$

$$= \frac{\text{Rp } 156.593.800}{\text{Rp } 2.700.100.285}$$

$$= 5.80\%$$

6. **Pipa D 4**

$$\text{Harga Total Per pcs} = \text{Total Permintaan Pipa} \times \text{Harga per pcs}$$

$$= 970 \times \text{Rp } 115.940$$

$$= \text{Rp } 112.462.400$$

$$\text{Nilai Persentase (\%)} = \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}}$$

$$= \frac{\text{Rp } 112.462.400}{\text{Rp } 2.700.100.285}$$

$$= 4.17\%$$

7. **Pipa D 2 ½**

$$\text{Harga Total Per pcs} = \text{Total Permintaan Pipa} \times \text{Harga per pcs}$$

$$= 1.800 \times \text{Rp } 58.718$$

$$= \text{Rp } 105.692.400$$

$$\text{Nilai Persentase (\%)} = \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}}$$

$$= \frac{\text{Rp } 105.692.400}{\text{Rp } 2.700.100.285}$$

$$= 3.91\%$$

8. **Pipa C 3**

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 1.750 \times \text{Rp } 53.718 \\ &= \text{Rp } 94.410.750 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 94.410.750}{\text{Rp}2.700.100.285} \\ &= 3.50\% \end{aligned}$$

9. **Pipa D 2**

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 1800 \times \text{Rp } 42.542 \\ &= \text{Rp } 76.575.600 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 76.575.600}{\text{Rp}2.700.100.285} \\ &= 2.84\% \end{aligned}$$

10. **Pipa AW ¾**

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 2.800 \times \text{Rp } 25.151 \\ &= \text{Rp } 70.422.800 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 70.422.800}{\text{Rp}2.700.100.285} \\ &= 2.61\% \end{aligned}$$

11. **Pipa C 4**

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 700 \times \text{Rp } 76.670 \\ &= \text{Rp } 53.669.000 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 53.669.000}{\text{Rp}2.700.100.285} \\ &= 1.99\% \end{aligned}$$

12. Pipa AW ½

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 2.925 \times \text{Rp } 51.962.625 \\ &= \text{Rp } 216.922.100 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 51.962.625}{\text{Rp } 2.700.100.285} \\ &= 1.92\% \end{aligned}$$

13. Pipa D 1 ½

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 1.230 \times \text{Rp } 33.600 \\ &= \text{Rp } 41.401.800 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 41.401.800}{\text{Rp } 2.700.100.285} \\ &= 1.53\% \end{aligned}$$

14. Pipa AW 1

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 900 \times \text{Rp } 33.286 \\ &= \text{Rp } 29.957.400 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 29.957.400}{\text{Rp } 2.700.100.285} \\ &= 1.11\% \end{aligned}$$

15. Pipa AW 1 ½

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 560 \times \text{Rp } 45.721 \\ &= \text{Rp } 25.603.760 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 25.603.760}{\text{Rp } 2.700.100.285} \end{aligned}$$

$$= 0.95\%$$

16. Pipa D 1 ¼

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 875 \times \text{Rp } 28.050 \\ &= \text{Rp } 24.543.750 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 254.543.750}{\text{Rp } 2.700.100.285} \\ &= 0.91\% \end{aligned}$$

17. Pipa AW 1 ¼

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 375 \times \text{Rp } 58.250 \\ &= \text{Rp } 21.843.750 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 21.843.750}{\text{Rp } 2.700.100.285} \\ &= 0.81\% \end{aligned}$$

18. Pipa C 5/8

$$\begin{aligned} \text{Harga Total Per pcs} &= \text{Total Permintaan Pipa} \times \text{Harga per pcs} \\ &= 2.750 \times \text{Rp } 6.077 \\ &= \text{Rp } 16.711.750 \end{aligned}$$

$$\begin{aligned} \text{Nilai Persentase (\%)} &= \frac{\text{Harga Total Per pcs}}{\text{Jumlah Harga Total}} \\ &= \frac{\text{Rp } 16.711.750}{\text{Rp } 2.700.100.285} \\ &= 0.62\% \end{aligned}$$

Lampiran 2

Pemisahan pipa lebih kecil yang berada didalam pipa yang lebih besar diameternya

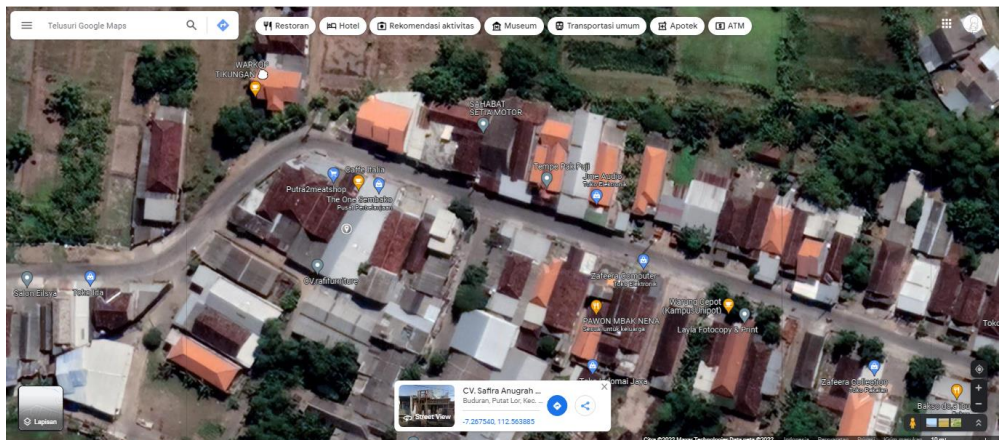


Lampiran 3

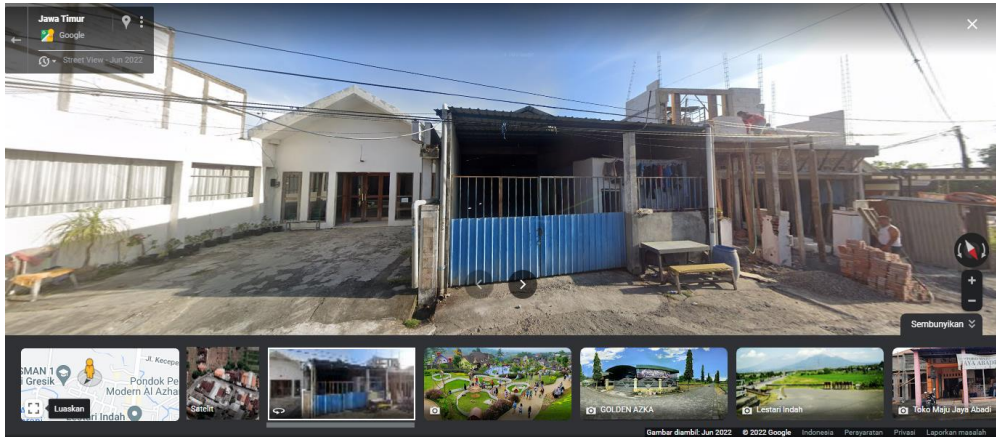
Pemisahan pipa PVC



Lampiran 5
Lokasi CV. Safira Anugrah Perkasa



Lampiran 6
Kondisi Perusahaan



Lampiran 7

Surat Balasan Dari Perusahaan

CV. SAFIRA ANUGRAH PERKASA

Distributor PVC
Dusun magersari, Desa Boteng, Kecamatan Menganti, Kabupaten Gresik

Gresik, 16 September 2022

Nomor : 059/SAP/IX/2022
Perihal : Ijin Penelitian Tugas Akhir

Kepada Yang Terhormat,
Ketua Program Studi Teknik Industri
Universitas 17 Agustus 1945 Surabaya

Dengan Hormat,

Menindaklanjuti Surat Permohonan Penelitian Tugas Akhir dari Universitas 17 Agustus 1945 Surabaya Fakultas Teknik Program Studi Teknik Industri Nomor 1602/K/FT/Akd/IX/2022, kami dari CV. Safira Anugrah Perkasa beralamat di Dusun magersari, Desa Boteng, Kecamatan Menganti, Kabupaten Gresik, memberikan kesempatan kepada mahasiswa dari Universitas 17 Agustus 1945 Surabaya untuk melakukan Penelitian Tugas Akhir di tempat kami guna memenuhi persyaratan sebagai penyelesaian Tugas Akhir. Adapaun mahasiswa yang bersangkutan bernama:

Nama : Aziz Alifiansyah
NBI : 1411800094
Program Strudi : Teknik Industri

Yang bersangkutan akan melakukan Penelitian Tugas Akhir. Dan kami juga mengijinkan yang bersangkutan untuk mengambil data-data sebagai bahan pembuatan laporan sebatas yang tidak menyangkut kerahasiaan perusahaan.

Demikian pemberitahuan dari kami, atas perhatian dan kerjasamanya yang baik kami mengucapkan terima kasih.

Hormat Kami,
Admin CV. Safira Anugrah Perkasa

