

LAMPIRAN

Lampiran.1 *Lotting* menggunakan metode L4L,EOQ dan FOQ

| | | | | | | | | |
|---|-----|-----|------|------|------|------|-----------------------|--|
| Item : Baut 2 ¼ inch x 270,5 mm | | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : Lot For Lot | | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 | |
| J Penerimaan | | | | | | | | |
| On Hand | 50 | | | | | | | |
| Keb Bersih | | -75 | -125 | -150 | -150 | -130 | -130 | |
| Ukuran Lot | | 75 | 125 | 150 | 150 | 130 | 130 | |
| Rencana Pesan | | 75 | 125 | 150 | 150 | 130 | 130 | |
| Biaya pengadaan : 6 x Rp. 25.000.000 = Rp. 150.000.000 Biaya simpan : 0 x Rp. 583= Rp. 0 Sehingga total biaya sebesar : Rp. 150.000.000 | | | | | | | | |
| Item : Baut 2 ¼ inch x 270,5 mm | | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : EOQ | | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 | |
| J Penerimaan | | | | | | | | |
| On Hand | 50 | 218 | 93 | 236 | 86 | 249 | 119 | |
| Keb Bersih | | -75 | 0 | -57 | 0 | -44 | 0 | |
| Ukuran Lot | 293 | 293 | | 293 | | 293 | | |
| Rencana Pesan | | 293 | | 293 | | 293 | | |
| Biaya pengadaan : 3 x Rp. 25.000.000 = Rp. 75.000.000 Biaya simpan : (218+93+236+86+249+119) x Rp. 583= Rp. 583.583 Sehingga total biaya sebesar : Rp. 75.583.583 | | | | | | | | |
| Item : Baut 2 ¼ inch x 270,5 mm | | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : FOQ | | | | | | | On hand : 50 | |

| Ukuran Lot : 300 unit | | | | | | | |
|---|----|-----|-----|-----|-----|-----|-----|
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | 235 | 110 | 260 | 110 | 280 | 150 |
| Keb Bersih | | -75 | 0 | -40 | 0 | -20 | 0 |
| Ukuran Lot | | 300 | | 300 | | 300 | |
| Rencana Pesan | | 300 | | 300 | | 300 | |
| Biaya pengadaan : 3 x Rp. 25.000.000 = Rp. 75.000.000 | | | | | | | |
| Biaya simpan : (235+110+260+110+280+150) x Rp. 583= Rp. 667.535 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 75.667.535 | | | | | | | |

| Item : Mur ¼ inch | | | | | | | Order Quantity : |
|--|----|-----|------|------|------|------|------------------|
| | | | | | | | 1 |
| Lead Time : 1 | | | | | | | On hand : |
| Lot size : Lot For Lot | | | | | | | 75 |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 75 | | | | | | |
| Keb Bersih | | -75 | -125 | -150 | -150 | -130 | -130 |
| Ukuran Lot | | 75 | 125 | 150 | 150 | 130 | 130 |
| Rencana Pesan | | 75 | 125 | 150 | 150 | 130 | 130 |
| Biaya pengadaan : 6 x Rp. 14.000.000 = Rp. 8.400.000 | | | | | | | |
| Biaya simpan : 0 x Rp. 583= Rp. 0 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 8.400.000 | | | | | | | |
| Item : Mur ¼ inch | | | | | | | Order Quantity : |
| | | | | | | | 1 |
| Lead Time : 1 | | | | | | | On hand : |
| Lot size : EOQ | | | | | | | 75 |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |

| | | | | | | | |
|---|----|-----|-----|-----|-----|-----------------------|-----|
| On Hand | 75 | 443 | 318 | 160 | 10 | 398 | 268 |
| Keb Bersih | | -75 | 0 | 0 | 0 | -120 | 0 |
| Ukuran Lot | | 518 | | | | 518 | |
| Rencana Pesan | | 518 | | | | 518 | |
| Biaya pengadaan : 2 x Rp. 14.000.000 = Rp. 28.000.000 | | | | | | | |
| Biaya simpan : (443+318+160+10+398+268) x Rp. 104= Rp. 116.008 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 28.116.008 | | | | | | | |
| Item : Mur ¼ inch | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : FOQ Ukuran Lot : 300 unit | | | | | | On hand : 75 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 75 | 225 | 100 | 250 | 100 | 270 | 140 |
| Keb Bersih | | -75 | 0 | -50 | 0 | -30 | 0 |
| Ukuran Lot | | 300 | | 300 | | 300 | |
| Rencana Pesan | | 300 | | 300 | | 300 | |
| Biaya pengadaan : 3 x Rp. 14.000.000= Rp. 42.000.000 | | | | | | | |
| Biaya simpan : (225+100+250+100+270+140) x Rp. 104= Rp. 112.840 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 42.000.000 | | | | | | | |

| | | | | | | | |
|--|-----|------|------|------|------|-----------------------|------|
| Item : Ring pipa Ø 85x 55mm x 30mm | | | | | | Order Quantity : 2 | |
| Lead Time : 2 Lot size : Lot For Lot | | | | | | On hand : 100 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 250 | 250 | 300 | 300 | 260 | 260 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | | | | | | |
| Keb Bersih | | -150 | -250 | -300 | -300 | -260 | -260 |
| Ukuran Lot | | 150 | 250 | 300 | 300 | 260 | 260 |
| Rencana Pesan | 150 | 250 | 300 | 300 | 260 | 260 | |
| Biaya pengadaan : 6 x Rp. 29.000.000 = Rp. 174.000.000 | | | | | | | |
| Biaya simpan : 0 x Rp. 583= Rp. 0 | | | | | | | |

| | | | | | | | |
|--|-----|------|------|------|------|-----------------------|-----|
| Sehingga total biaya sebesar : Rp. 174.000.000 | | | | | | | |
| Item : Ring pipa Ø 85x 55mm x 30mm | | | | | | Order Quantity : 2 | |
| Lead Time : 1 Lot size : EOQ | | | | | | On hand : 100 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 250 | 250 | 300 | 300 | 260 | 260 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | 596 | 346 | 46 | 492 | 232 | 718 |
| Keb Bersih | | -150 | 0 | 0 | -254 | 0 | -28 |
| Ukuran Lot | | 746 | | | 746 | | 746 |
| Rencana Pesan | | 746 | | | 746 | | 746 |
| Biaya pengadaan : 3 x Rp. 29.000.000 = Rp. 87.000.000 Biaya simpan : (596+346+46+492+232+718) x Rp. 104= Rp.252.720 Sehingga total biaya sebesar : Rp. 87.252.720 | | | | | | | |
| Item : Ring pipa Ø 85x 55mm x 30mm | | | | | | Order Quantity : 2 | |
| Lead Time : 1 Lot size : FOQ Ukuran Lot : 300 unit | | | | | | On hand : 100 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 250 | 250 | 300 | 300 | 260 | 260 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | 150 | 200 | 200 | 200 | 240 | 280 |
| Keb Bersih | | -150 | -100 | -100 | -100 | -60 | -20 |
| Ukuran Lot | | 300 | 300 | 300 | 300 | 300 | 300 |
| Rencana Pesan | | | | | | | |
| Biaya pengadaan : 6 x Rp. 29.000.000= Rp. 174.000.000 Biaya simpan : (150+200+200+200+240+280) x Rp. 104= Rp. 132.080 Sehingga total biaya sebesar : Rp. 174.132.080 | | | | | | | |

| | | | | | | | |
|---|----|-----|------|------|------|-----------------------|------|
| Item : Pipa 90mm x68mm x110mm | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : Lot For Lot | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | | | | | | |
| Keb Bersih | | -75 | -125 | -150 | -150 | -130 | -130 |

| | | | | | | | |
|--|-----|-----|-----|-----|------|-----------------------|-----|
| Ukuran Lot | | 75 | 125 | 150 | 150 | 130 | 130 |
| Rencana Pesan | | 75 | 125 | 150 | 150 | 130 | 130 |
| Biaya pengadaan : 6 x Rp. 7.500.000 = Rp. 45.000.000 Biaya simpan : 0 x Rp. 583= Rp. 0 Sehingga total biaya sebesar : Rp. 45.000.000 | | | | | | | |
| Item : Pipa 90mm x68mm x110mm | | | | | | Order Quantity : 1 | |
| Lead Time : 2 Lot size : EOQ | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | 115 | 180 | 30 | 70 | 130 | 0 |
| Keb Bersih | | -75 | -10 | 0 | -120 | -60 | 0 |
| Ukuran Lot | 190 | 190 | 190 | | 190 | 190 | |
| Rencana Pesan | 190 | 190 | | 190 | 190 | | |
| Biaya pengadaan : 4 x Rp. 7.500.000 = Rp. 30.000.000 Biaya simpan : (115+180+30+70+130) x Rp. 416= Rp. 218.400 Sehingga total biaya sebesar : Rp. 30.218.400 | | | | | | | |
| Item : Pipa 90mm x68mm x110mm | | | | | | Order Quantity : 1 | |
| Lead Time : 2 Lot size : FOQ Ukuran Lot : 300 unit | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | 235 | 110 | 260 | 110 | 280 | 150 |
| Keb Bersih | | -75 | 0 | -40 | 0 | -20 | 0 |
| Ukuran Lot | | 300 | | 300 | | 300 | |
| Rencana Pesan | | 300 | | 300 | | 300 | |
| Biaya pengadaan : 3 x Rp. 7.500.000 = Rp. 22.500.000 Biaya simpan : (235+110+260+110+280+150) x Rp. 416= Rp. 476.320 Sehingga total biaya sebesar : Rp. 22.976.320 | | | | | | | |

| | | | | | | | |
|---|--|-----|-----|-----|-----|-----------------------|-----|
| Item : Ring Plat Ø 1 ½ x 5mm | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : Lot For Lot | | | | | | On hand : 100 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |

| | | | | | | | |
|---|-----|-----|------|------|------|-----------------------|------|
| J Penerimaan | | | | | | | |
| On Hand | 100 | | | | | | |
| Keb Bersih | | -25 | -125 | -150 | -150 | -130 | -130 |
| Ukuran Lot | | 25 | 125 | 150 | 150 | 130 | 130 |
| Rencana Pesan | | 25 | 125 | 150 | 150 | 130 | 130 |
| Biaya pengadaan : 6 x Rp. 900.000= Rp. 5.400.000 Biaya simpan : 0 x Rp. 50= Rp. 0 Sehingga total biaya sebesar : Rp. 5.400.000 | | | | | | | |
| Item : Ring Plat Ø 1 ½ x 5mm | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : EOQ | | | | | | On hand : 100 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | 164 | 39 | 78 | 117 | 176 | 46 |
| Keb Bersih | | -25 | 0 | -111 | -72 | -13 | 0 |
| Ukuran Lot | 189 | 189 | | 189 | 189 | 189 | |
| Rencana Pesan | | 189 | | 189 | 189 | 189 | |
| Biaya pengadaan : 4 x Rp. 900.000 = Rp. 3.600.000 Biaya simpan : (164+39+78+117+176+46) x Rp. 50= Rp. 31.000 Sehingga total biaya sebesar : Rp. 3.631.000 | | | | | | | |
| Item : Ring Plat Ø 1 ½ x 5mm | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : FOQ Ukuran Lot : 300 unit | | | | | | On hand : 100 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | 275 | 150 | 0 | 150 | 20 | 190 |
| Keb Bersih | | -25 | 0 | 0 | -150 | 0 | -110 |
| Ukuran Lot | 300 | 300 | | | 300 | | 300 |
| Rencana Pesan | | 300 | | | 300 | | 300 |
| Biaya pengadaan : 3 x Rp. 900.000 = Rp. 2.700.000 Biaya simpan : (275+150+150+20+190) x Rp. 50= Rp. 39.250 Sehingga total biaya sebesar : Rp. 2.739.250 | | | | | | | |
| Item : Hollow bronze Ø 72mm x 54mm x 110mm | | | | | | Order Quantity : 1 | |

| | | | | | | | |
|--|-----|-----|------|------|------|-----------------------|------|
| Lead Time : 3 hari Lot size : Lot For Lot | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | | | | | | |
| Keb Bersih | | -75 | -125 | -150 | -150 | -130 | -130 |
| Ukuran Lot | | 75 | 125 | 150 | 150 | 130 | 130 |
| Rencana Pesan | | 75 | 125 | 150 | 150 | 130 | 130 |
| Biaya pengadaan : 6 x Rp. 22.500.000 = Rp. 135.000.000 Biaya simpan : 0 x Rp. 1.250 = Rp. 0 Sehingga total biaya sebesar : Rp. 135.000.000 | | | | | | | |
| Item : Hollow bronze Ø 72mm x 54mm x 110mm | | | | | | Order Quantity : 1 | |
| Lead Time : 3 hari Lot size : EOQ | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | 114 | 178 | 28 | 67 | 126 | 185 |
| Keb Bersih | | -75 | -11 | 0 | -122 | -63 | -4 |
| Ukuran Lot | 189 | 189 | 189 | | 189 | 189 | 189 |
| Rencana Pesan | 189 | 189 | | 189 | 189 | 189 | |
| Biaya pengadaan : 4 x Rp. 22.500.000 = Rp. 90.000.000 Biaya simpan : (114+178+28+67+126+185) x Rp. 1.250 = Rp. 872.500 Sehingga total biaya sebesar : Rp. 90.872.500 | | | | | | | |
| Item : Hollow bronze Ø 72mm x 54mm x 110mm | | | | | | Order Quantity : 1 | |
| Lead Time : 3 hari Lot size : FOQ Ukuran Lot : 300 unit | | | | | | On hand : 50 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | 225 | 100 | 250 | 100 | 270 | 140 |
| Keb Bersih | | -75 | 0 | -50 | 0 | -30 | 0 |
| Ukuran Lot | 300 | 300 | | 300 | | 300 | |
| Rencana Pesan | | | | | | | |
| Biaya pengadaan : 3 x Rp. 22.500.000 = Rp. 67.500.000 Biaya simpan : (225+100+250+100+270+140) x Rp. 1.250 = Rp. 1.356.250 | | | | | | | |

Sehingga total biaya sebesar : Rp. 68.856.250

| | | | | | | | | |
|---|-----|-----|------|------|------|------|-----------------------|--|
| Item : Grease nipple Ø8,5mm | | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : Lot For Lot | | | | | | | On hand : 75 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 | |
| J Penerimaan | | | | | | | | |
| On Hand | 75 | | | | | | | |
| Keb Bersih | | -50 | -125 | -150 | -150 | -130 | -130 | |
| Ukuran Lot | | 50 | 125 | 150 | 150 | 130 | 130 | |
| Rencana Pesan | | 50 | 125 | 150 | 150 | 130 | 130 | |
| Biaya pengadaan : 6 x Rp. 1.050.000= Rp. 6.300.000 Biaya simpan : 0 x Rp. 58= Rp. 0 Sehingga total biaya sebesar : Rp. 6.300.000 | | | | | | | | |
| Item : Grease nipple Ø8,5mm | | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : EOQ | | | | | | | On hand : 75 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 | |
| J Penerimaan | | | | | | | | |
| On Hand | 50 | 115 | 180 | 30 | 60 | 60 | 120 | |
| Keb Bersih | | -75 | -10 | 0 | -120 | -30 | -70 | |
| Ukuran Lot | 190 | 190 | 190 | | 190 | 190 | 190 | |
| Rencana Pesan | | 190 | 190 | | 190 | 190 | 190 | |
| Biaya pengadaan : 5 x Rp. 1.050.000 = Rp. 5.250.000 Biaya simpan : (115+180+30+60+60+120) x Rp. 58= Rp. 32.770 Sehingga total biaya sebesar : Rp. 5.282.770 | | | | | | | | |
| Item : Grease nipple Ø8,5mm | | | | | | | Order Quantity : 1 | |
| Lead Time : 1 Lot size : FOQ Ukuran Lot : 300 unit | | | | | | | On hand : 75 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 | |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 | |
| J Penerimaan | | | | | | | | |
| On Hand | 75 | 250 | 125 | 275 | 125 | 295 | 165 | |

| | | | | | | | |
|---|-----|-----|---|-----|---|-----|---|
| Keb Bersih | | -50 | 0 | -25 | 0 | -5 | 0 |
| Ukuran Lot | 300 | 300 | | 300 | | 300 | |
| Rencana Pesan | | 300 | | 300 | | 300 | |
| Biaya pengadaan : 3 x Rp. 1.050.000 = Rp. 3.150.000 | | | | | | | |
| Biaya simpan : (250+125+275+125+295+165) x Rp. 58= Rp. 71.630 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 3.221.630 | | | | | | | |

| | | | | | | | |
|---|-----|-----|------|------|------|------|------------------|
| Item : Ring ver Ø 1 ½ | | | | | | | Order Quantity : |
| Lead Time : 1 | | | | | | | 1 |
| Lot size : Lot For Lot | | | | | | | On hand : |
| | | | | | | | 75 |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 75 | | | | | | |
| Keb Bersih | | -50 | -125 | -150 | -150 | -130 | -130 |
| Ukuran Lot | | 50 | 125 | 150 | 150 | 130 | 130 |
| Rencana Pesan | | 50 | 125 | 150 | 150 | 130 | 130 |
| Biaya pengadaan : 6 x Rp. 900.000= Rp. 5.400.000 | | | | | | | |
| Biaya simpan : 0 x Rp. 58= Rp. 0 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 5.400.000 | | | | | | | |
| Item : Ring ver Ø 1 ½ | | | | | | | Order Quantity : |
| Lead Time : 1 | | | | | | | 1 |
| Lot size : EOQ | | | | | | | On hand : |
| | | | | | | | 75 |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 50 | 114 | 178 | 28 | 67 | 126 | 185 |
| Keb Bersih | | -75 | -11 | 0 | -122 | -63 | -4 |
| Ukuran Lot | 189 | 189 | 189 | | 189 | 189 | 189 |
| Rencana Pesan | | 189 | 189 | | 189 | 189 | 189 |
| Biaya pengadaan : 5 x Rp. 900.000 = Rp. 4.500.000 | | | | | | | |
| Biaya simpan : (114+178+28+67+126+185) x Rp. 50= Rp. 34.900 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 4.534.900 | | | | | | | |
| Item : Ring ver Ø 1 ½ | | | | | | | Order Quantity : |
| Lead Time : 1 | | | | | | | 1 |
| Lot size : FOQ | | | | | | | On hand : |
| Ukuran Lot : 300 unit | | | | | | | 75 |

| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
|---|-----|-----|-----|-----|-----|-----|-----|
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 75 | 250 | 125 | 275 | 125 | 295 | 165 |
| Keb Bersih | | -50 | 0 | -25 | 0 | -5 | 0 |
| Ukuran Lot | 300 | 300 | | 300 | | 300 | |
| Rencana Pesan | | 300 | | 300 | | 300 | |
| Biaya pengadaan : 3 x Rp. 900.000 = Rp. 2.700.000 | | | | | | | |
| Biaya simpan : (250+125+275+125+295+165) x Rp. 50= Rp. 61.750 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 2.761.750 | | | | | | | |

| Item : Grease Nipple Ø6mm | | | | | | | Order Quantity : 2 |
|---|-----|------|------|------|------|------|-----------------------|
| Lead Time : 1 Lot size : Lot For Lot | | | | | | | On hand : 100 |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 250 | 250 | 300 | 300 | 260 | 260 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | | | | | | |
| Keb Bersih | | -150 | -250 | -300 | -300 | -260 | -260 |
| Ukuran Lot | | 150 | 250 | 300 | 300 | 260 | 260 |
| Rencana Pesan | 150 | 250 | 300 | 300 | 260 | 260 | |
| Biaya pengadaan : 6 x Rp. 900.000 = Rp. 5.400.000 | | | | | | | |
| Biaya simpan : 0 x Rp. 50= Rp. 0 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 5.400.000 | | | | | | | |
| Item : Grease Nipple Ø6mm | | | | | | | Order Quantity : 2 |
| Lead Time : 1 Lot size : EOQ | | | | | | | On hand : 100 |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 125 | 125 | 150 | 150 | 130 | 130 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | 164 | 39 | 78 | 117 | 176 | 46 |
| Keb Bersih | | -25 | 0 | -111 | -72 | -13 | 0 |
| Ukuran Lot | 189 | 189 | | 189 | 189 | 189 | |
| Rencana Pesan | | 189 | | 189 | 189 | 189 | |
| Biaya pengadaan : 4 x Rp. 900.000 = Rp. 3.600.000 | | | | | | | |
| Biaya simpan : (164+39+78+117+176+46) x Rp. 50= Rp.31.000 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 3.600.000 | | | | | | | |
| Item : Grease Nipple Ø6mm | | | | | | | Order Quantity : 2 |

| | | | | | | | |
|---|-----|------|------|------|------|------------------|-----|
| | | | | | | 2 | |
| Lead Time : 1 Lot size : FOQ Ukuran Lot : 300 unit | | | | | | On hand : 100 | |
| Periode | | 1 | 2 | 3 | 4 | 5 | 6 |
| Keb Kotor | | 250 | 250 | 300 | 300 | 260 | 260 |
| J Penerimaan | | | | | | | |
| On Hand | 100 | 150 | 200 | 200 | 200 | 240 | 280 |
| Keb Bersih | | -150 | -100 | -100 | -100 | -60 | -20 |
| Ukuran Lot | | 300 | 300 | 300 | 300 | 300 | 300 |
| Rencana Pesan | | 300 | 300 | 300 | 300 | 300 | 300 |
| Biaya pengadaan : 6 x Rp. 900.000= Rp. 5.400.000 | | | | | | | |
| Biaya simpan : (150+200+200+200+240+280) x Rp. 50= Rp. 63.500 | | | | | | | |
| Sehingga total biaya sebesar : Rp. 5.463.500 | | | | | | | |

BIOGRAFI



Bagus Maulana Wisnu Atmoko adalah mahasiswa jurusan Teknik Industri Universitas 17 Agustus 1945 Surabaya mulai tahun 2013 hingga 2018. Mendapatkan gelar Sarjana Teknik pada jurusan Teknik Industri di Universitas 17 Agustus 1945 Surabaya pada tahun 2018 melalui ujian penulisan tugas akhir dengan judul “Analisis Pengendalian Persediaan Bahan Baku Dengan Pendekatan Lot sizing Dalam Mendukung Sistem MRP (Material Requirement Planning). Penulis pernah bekerja sebagai Supervisor Produksi pada CV. HERY JAYA TEKNIK mulai 2013-2017 sehingga dapat menyelesaikan tugas akhir ini dengan melakukan penelitian langsung pada CV.HERY JAYA TEKNIK. Tugas akhir ini ditulis dengan pembimbing utama Dr. Muslimin A. Rahim, M.SIE. dan pembimbing kedua Siti Muhiatul Khoiroh.ST. MT.