

7. SUGGESTIONS AND CONCLUSIONS

Electro Motor Condition

- Pengukuran megger test 0 M Ω . berdasarkan standard IEEE 43-2000 , minimum insulation resistance > 5 M Ω
- Terkait megger yang rendah di bawah standar maka elektro motor harus dilakukan *rewinding* .
- Journal bearing DE & NDE masih dalam toleransi
- Housing bearing DE & NDE masih dalam toleransi
- Shaft DE journal mechanical seal + journal impeller mengalami kerusakan/kecacatan
- Bearing noise
- Mechanical seal bocor
- Impeller mengalami korosi / bertubang

Recommendation

- Overhaul stator
- Rewinding stator (Material Ins. Class H)
- Replace bearing motor
 - Bearing DE 6203.ZZ/C3
 - Bearing NDE 6202.ZZ/C3
- Replace oil seal 16*30*7mm
- Replace mechanical seal
- Replace O-ring – 4 pcs
- Replace oil
- Replace capacitor 30 μ f
- Repair shaft journal mechanical seal + journal impeller
- Repair impeller
- Replace sleeve cable

Dengan Hormat

Berikut ini kami sampaikan penawaran harga, dengan rincian sbb :

A. Rencana Kerja dan Pembiayaan

| NO | ITEMS | QTY | UNIT PRICE | TOTAL |
|----|--|---------|------------------|---------------------|
| 1 | Pompa Submersible 0,75 kw Qty : 1 unit NJ : 1414 | | | |
| | - Replace oil seal 16*30*7 | 1 pc | Rp 95.000 | Rp 95.000 |
| | - Replace mechanical seal | 1 pc | Rp 650.000 | Rp 650.000 |
| | - Replace O Ring | 4 pcs | Rp 80.000 | Rp 320.000 |
| | - Replace oil | 1 liter | Rp 110.000 | Rp 110.000 |
| | - Replace capacitor 30uf | 1 pc | Rp 185.000 | Rp 185.000 |
| | - Repair shaft journal mec seal + Journal impeller | 1 lot | Rp 550.000 | Rp 550.000 |
| | - Repair impeller | 1 lot | Rp 800.000 | Rp 800.000 |
| | - Replace sleeve cable | 1 lot | Rp 150.000 | Rp 150.000 |
| | - Replace bearing 6203-ZZ/C3(Supply PT SCG) | 1 pc | | |
| | - Replace bearing 6202-ZZ/C3 (Supply PT SCG) | 1 pc | | |
| | | | T O T A L | Rp 2.860.000 |

B. Persyaratan dan Lain-Lain

Harga tersebut belum termasuk

: PPN 11%

Pembayaran

: By TT

Garansi

: 3 Bulan setelah motor di terima dengan baik