

## LAMPIRAN

### Lampiran 1

Tampilan Proyeksi Penjualan bulan Mei 2020 dengan Metode *Goal Programming* menggunakan Software LINGO 17.0

Solution Report - Lingo4

Global optimal solution found.  
 Objective value: 28380.14  
 Infeasibilities: 0.000000  
 Total solver iterations: 6  
 Elapsed runtime seconds: 0.04

Model Class: LP

Total variables: 19  
 Nonlinear variables: 0  
 Integer variables: 0

Total constraints: 9  
 Nonlinear constraints: 0

Total nonzeros: 42  
 Nonlinear nonzeros: 0

Variable	Value	Reduced Cost
FB5	0.000000	0.4664433
FB6	0.000000	0.4470361
FB7	0.3868979E-01	0.000000
FB8	0.000000	0.9993857
FA1	20712.92	0.000000
FA2	0.000000	1.000000
FA3	0.000000	1.000000
FA4	7667.181	0.000000
FA5	0.000000	0.5335567
X1	5063.000	0.000000
FA6	0.000000	0.5529639
X2	5012.000	0.000000
FA7	0.000000	1.000000
X3	3472.861	0.000000
FA8	0.000000	0.6443299E-03
FB1	0.000000	1.000000

### Lampiran 2

Tampilan Proyeksi Penjualan bulan Juni 2020 dengan Metode Goal Programming menggunakan Software LINGO 17.0

Solution Report - Lingo4

Global optimal solution found.  
 Objective value: 29016.53  
 Infeasibilities: 0.000000  
 Total solver iterations: 7  
 Elapsed runtime seconds: 0.05

Model Class: LP

Total variables: 19  
 Nonlinear variables: 0  
 Integer variables: 0

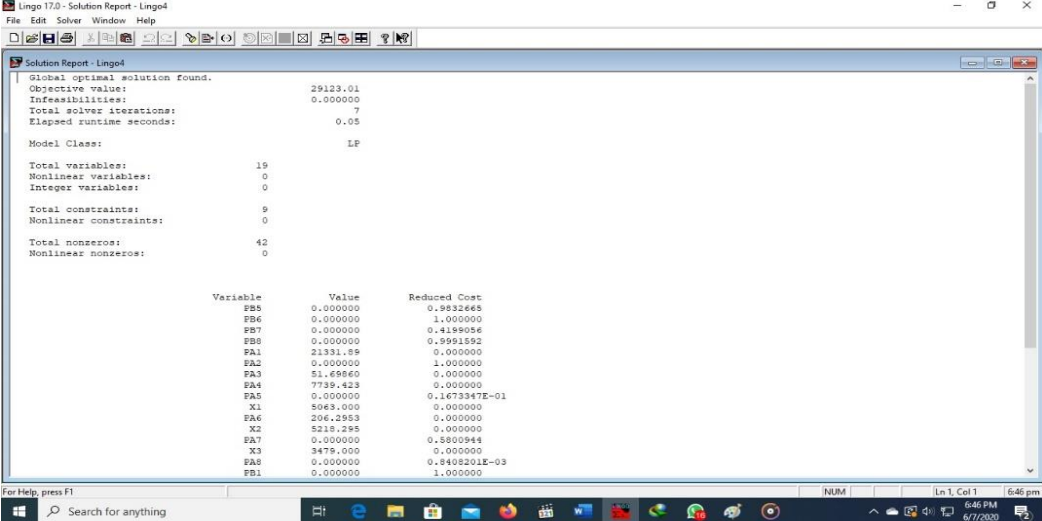
Total constraints: 9  
 Nonlinear constraints: 0

Total nonzeros: 42  
 Nonlinear nonzeros: 0

Variable	Value	Reduced Cost
FB5	0.000000	0.9832665
FB6	0.000000	1.000000
FB7	0.000000	0.4198036
FB8	0.000000	0.9991592
FA1	21292.44	0.000000
FA2	0.000000	1.000000
FA3	20.75430	0.000000
FA4	7703.322	0.000000
FA5	0.000000	0.1673347E-01
X1	5063.000	0.000000
FA6	103.1477	0.000000
X2	515.148	0.000000
FA7	0.000000	0.8909544
X3	3479.000	0.000000
FA8	0.000000	0.8408201E-03
FB1	0.000000	1.000000

### Lampiran 3

Tampilan Proyeksi Penjualan bulan Juni 2020 dengan Metode *Goal Programming* menggunakan *Software LINGO 17.0*



The screenshot displays the 'Solution Report - Lingo4' window. It reports a 'Global optimal solution found' with an objective value of 29123.01. The report includes the following summary statistics:

- Objective value: 29123.01
- Infeasibilities: 0.000000
- Total solver iterations: 7
- Elapsed runtime seconds: 0.05
- Model Class: LP
- Total variables: 19
- Nonlinear variables: 0
- Integer variables: 0
- Total constraints: 9
- Nonlinear constraints: 0
- Total nonzeros: 42
- Nonlinear nonzeros: 0

A table of variable values and reduced costs is provided below:

Variable	Value	Reduced Cost
FB5	0.000000	0.9832665
FB6	0.000000	1.000000
FB7	0.000000	0.4199056
FB8	0.000000	0.9991552
FA1	21331.89	0.000000
FA2	0.000000	1.000000
FA3	51.69960	0.000000
FA4	7739.423	0.000000
FA5	0.000000	0.1673347E-01
X1	5063.000	0.000000
FA6	206.2583	0.000000
X2	5218.295	0.000000
FA7	0.000000	0.9800944
X3	3479.000	0.000000
FA8	0.000000	0.8408201E-03
FBI	0.000000	1.000000

### Lampiran 4

Lembaran Goni UD. Ali Makmur Surabaya



Lampiran 5

Jenis Krung Goni Strip Hijau



Lampiran 6

Jenis Karung Goni Strip Biru



Lampiran 7

Jenis Karung Goni RT

