Perbandingan Berpasangan antara kriteria

Perhitungan lebih lanjut dibantu dengan menggunakan *software super decision.* Perbandingan berpasangan antar kluster untuk masing-masing kluster kriteria yang digunakan dapat dilihat pada tabel 4.9.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Kriteria | PI | PH | KP | KS | KK | HP | BK | CB | KJ | KW | MT | PB | FL | BR | EC |
| PI | 1 | 1 | 2 | 1/2 | 1/2 | 1 | 3 | 3 | 2 | 1/2 | 3 | 2 | 2 | 3 | 2 |
| PH |  | 1 | 2 | 1/3 | 1/2 | ½ | 3 | 4 | 2 | 1 | 4 | 3 | 3 | 3 | 2 |
| KP |  |  | 1 | 1/4 | 1/4 | 1/3 | 2 | 3 | 1/3 | 1/3 | 3 | 2 | 2 | 2 | 1 |
| KS |  |  |  | 1 | 1 | 2 | 5 | 5 | 3 | 2 | 5 | 3 | 3 | 3 | 3 |
| KK |  |  |  |  | 1 | 1 | 4 | 4 | 2 | 2 | 5 | 2 | 3 | 2 | 3 |
| HP |  |  |  |  |  | 1 | 4 | 4 | 3 | 1 | 5 | 2 | 3 | 3 | 3 |
| BK |  |  |  |  |  |  | 1 | 3 | 1/3 | ¼ | 3 | 1/2 | 1/3 | 1/2 | 1/3 |
| CB |  |  |  |  |  |  |  | 1 | 1/3 | ¼ | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| KJ |  |  |  |  |  |  |  |  | 1 | ½ | 3 | 2 | 2 | 2 | 2 |
| KW |  |  |  |  |  |  |  |  |  | 1 | 4 | 3 | 3 | 2 | 3 |
| MT |  |  |  |  |  |  |  |  |  |  | 1 | 1/2 | 1/3 | 1/3 | 1/2 |
| PB |  |  |  |  |  |  |  |  |  |  |  | 1 | 1/2 | 1/3 | 1 |
| FL |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 | 2 |
| BR |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |
| EC |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

Perbandingan Berpasangan antara kriteria yang dipengaruhi kriteria lain

1. Pengaruh Perizinan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| pengaruh PI | BR | BK | EC | HP |
| BR | 1 | 3 | 2 | 3 |
| BK |  | 1 | 1 | 1 |
| EC |  |  | 1 | 2 |
| HP |  |  |  | 1 |

1. Pengaruh *Performance History*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Pengaruh PH | FL | KS | KJ | KW | KK | PB |
| FL | 1 | 2 | 1 | 1 | 1 | 1 |
| KS |  | 1 | 1/2 | 1/2 | 1/2 | 1 |
| KJ |  |  | 1 | 1/2 | 1/2 | 1 |
| KW |  |  |  | 1 | 1 | 1 |
| KK |  |  |  |  | 1 | 2 |
| PB |  |  |  |  |  | 1 |

1. Pengaruh Kapabilitas Perusahaan

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pengaruh KP | CB | FL | KS | KJ | KW | KK | PH | PB |
| CB | 1 | 1/3 | 1/2 | 1/3 | 1/3 | 1/3 | 1 | 1/2 |
| FL |  | 1 | 1/3 | 1 | 1 | 1 | 2 | 2 |
| KS |  |  | 1 | 1 | 1 | 1 | 2 | 2 |
| KJ |  |  |  | 1 | 1 | 1 | 2 | 2 |
| KW |  |  |  |  | 1 | 1 | 2 | 3 |
| KK |  |  |  |  |  | 1 | 3 | 2 |
| PH |  |  |  |  |  |  | 1 | 1/2 |
| PB |  |  |  |  |  |  |  | 1 |

1. Pengaruh Kesesuaian Spesifikasi

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PENGAHRUH KS | FL | HP | KK | PB |
| FL | 1 | 1/3 | 1 | 1/2 |
| HP |  | 1 | 4 | 3 |
| KK |  |  | 1 | 1/2 |
| PB |  |  |  | 1 |

1. Pengaruh Konsistensi Kualitas

|  |  |  |  |
| --- | --- | --- | --- |
| PENGARUH KK | HP | PH | PB |
| HP | 1 | 3 | 4 |
| PH |  | 1 | 1/2 |
| PB |  |  | 1 |

1. Pengaruh Harga Produk

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| PENGARUH HP | BR | CB | FL | KS | KK | PB | PI |
| BR | 1 | 2 | 1/2 | 1/3 | 1/3 | 1 | 2 |
| CB |  | 1 | 1/3 | 1/3 | 1/4 | 1 | 2 |
| FL |  |  | 1 | 1/2 | 1/3 | 2 | 3 |
| KS |  |  |  | 1 | 1/2 | 2 | 4 |
| KK |  |  |  |  | 1 | 3 | 3 |
| PB |  |  |  |  |  | 1 | 2 |

1. Pengaruh Biaya Kirim

|  |  |  |  |
| --- | --- | --- | --- |
| PENGARUH BK | FL | KW | MT |
| FL | 1 | 1/3 | 1/3 |
| KW |  | 1 | 1 |
| KK |  |  | 1 |

1. Pengaruh Ketepatan Jumlah

|  |  |  |
| --- | --- | --- |
| PENGARUH KJ | PH | PB |
| PH | 1 | 1/2 |
| PB |  | 1 |

1. Pengaruh Ketepatan Waktu Pengirman

|  |  |  |  |
| --- | --- | --- | --- |
| PENGARUH KW | BK | MT | PH |
| BK | 1 | 1 | 3 |
| MT |  | 1 | 3 |
| PH |  |  | 1 |

1. Pengaruh Moda Tranportasi

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PENGARUH MT | BK | FL | KW | KK |
| BK | 1 | 3 | 2 | 4 |
| FL |  | 1 | 1/2 | 2 |
| KW |  |  | 1 | 3 |
| KK |  |  |  | 1 |

1. Pengaruh Pergantian Barang yang Rusak

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PENGARUH PB | HP | KS | KK | KJ |
| HP | 1 | 1/2 | 1/2 | 3 |
| KS |  | 1 | 1 | 3 |
| KK |  |  | 1 | 1 |
| KJ |  |  |  | 1 |

1. Pengaruh Fleksibelitasitas

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PENGARUH FL | HP | KS | KJ | KW | PB | PH |
| HP | 1 | 1/2 | 1/3 | 1/2 | 2 | 2 |
| KS |  | 1 | 1/2 | 1/2 | 1 | 1 |
| KJ |  |  | 1 | 1 | 3 | 3 |
| KW |  |  |  | 1 | 2 | 2 |
| PB |  |  |  |  | 1 | 1 |
| PH |  |  |  |  |  | 1 |

1. Pengaruh Bahan Ramah Lingkungan

|  |  |  |
| --- | --- | --- |
| PENGARUH BR | HP | KS |
| HP | 1 | 1 |
| KS |  | 1 |

Perbandingan Berpasangan antara supplier terhadap kriteri

1. Perbandingan Berpasangan antara alternative terhadap perizinan

|  |  |  |  |
| --- | --- | --- | --- |
| Perizinan | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 2 | 2 |
| *supplier* Y |  | 1 | 1 |
| *supplier* Z |  |  | 1 |

1. Perbandingan Berpasangan antara alternative terhadap *performance history*

|  |  |  |  |
| --- | --- | --- | --- |
| Perform history | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 1/4 | 1/3 |
| *supplier* Y |  | 1 | 2 |
| *supplier* Z |  |  | 1 |

1. Perbandingan Berpasangan antara alternative terhadap kapabilitas perusahaan

|  |  |  |  |
| --- | --- | --- | --- |
| Kapabilitas | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 1/2 | 1/3 |
| *supplier* Y |  | 1 | ½ |
| *supplier* Z |  |  | 1 |

1. Perbandingan Berpasangan antara alternative terhadap spesifikasi

|  |  |  |  |
| --- | --- | --- | --- |
| Kesesuaian Spesifikasi | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 1/3 | ½ |
| *supplier* Y |  | 1 | 2 |
| *supplier* Z |  |  | 1 |

1. Perbandingan Berpasangan antara alternative terhadap konsistensi kualitas

|  |  |  |  |
| --- | --- | --- | --- |
| Kesesuaian Spesifikasi | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 1 | ½ |
| *supplier* Y |  | 1 | ½ |
| *supplier* Z |  |  | 1 |

1. Perbandingan Berpasangan antara alternative terhadap harga produk

|  |  |  |  |
| --- | --- | --- | --- |
| Harga produk | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 2 | 3 |
| *supplier* Y |  | 1 | 2 |
| *supplier* Z |  |  | 1 |

1. Perbandingan Berpasangan antara alternative terhadap biaya kirim

|  |  |  |  |
| --- | --- | --- | --- |
| Kesesuaian Spesifikasi | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 1/2 | 1/3 |
| *supplier* Y |  | 1 | ½ |
| *supplier* Z |  |  | 1 |

1. Perbandingan Berpasangan antara alternative terhadap cara pembayaran

|  |  |  |  |
| --- | --- | --- | --- |
| Kesesuaian Spesifikasi | *Supplier* X | *Supplier* Y | *Supplier* Z |
| *supplier* X | 1 | 3 | 2 |
| *supplier* Y |  | 1 | ½ |
| *supplier* Z |  |  | 1 |