

BAB VI. PENUTUP

6.1. Kesimpulan

Berdasarkan hasil penelitian dan deskripsi pengujian, dapat ditarik kesimpulan bahwa, *Analytic Network Process* menyelesaikan permasalahan *tender* pengadaan barang dengan cara membandingkan antara kriteria, subkriteria dan pemasok. Semua perbandingan tersebut dinormalisasi. Lalu, disusun dalam bentuk *unweight supermatrix*. Dihitung *weight supermatrix* dari perkalian *unweight supermatrix* dengan perbandingan berpasangan kriteria. Pada akhirnya, mencari *limit supermatrix* dengan cara mengkalikan diri sendiri hingga satu baris sama semua angkanya. Lalu, ambil baris pemasok dan dibandingkan angka yang paling besar. Lalu, angka yang paling besar tersebut menjadi pemasok yang tepat. Sistem Pendukung Keputusan Sarana dan Prasarana (SPK SAPRAS) sudah berhasil dibangun sebuah sistem pendukung keputusan dengan metode *Analytic Network Process* (ANP) yang dapat membantu penentuan pemenang *tendering* pengadaan barang.

6.2. Saran

Saran yang dapat diberikan penulis untuk pengembangan SPK SAPRAS kedepannya sebagai berikut:

1. Sistem dapat menambah kriteria dan subkriteria sesuai dengan proyeknya.
2. Mengembangkan tampilan sistem lebih *user friendly* dan lebih menarik untuk pengembangan selanjutnya.
3. Penelitian selanjutnya, diharapkan bisa menerapkan metode *Merit Point System*. Kantor Pengelolaan Sarana dan Prasarana menggunakan metode tersebut untuk pemilihan pemasok.

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