# The Implications Of Openness Electronic Procurement In East Kalimantan In The 2011-2015

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# Abstract

Government procurement is actually a very important part of the implementation process of development of a country. Procurement of government goods and services carried out routinely every year by government agencies, in an effort to meet the needs of the organization of government activities and also for the improvement of public services that can be realized through the provision of infrastructure, telecommunications, health facilities, education, and even poverty reduction as supporting growth public economy in Indonesia. Eprocurement is full of a commitment to realise it. East Kalimantan one of the province in Indonesia that has been implemented e-procurement system and can create transparency for procurement service providers goods and services especially local company and the community in the 2011-2015. East Kalimantan Province is a province that the number of procurement lots, of the data processed by taking a sample of 10% of the total procurement in 5350 procurement 2011-2015 is taken is 535 procurement. According to national data that has been processed in the 2011-2015 year, East Kalimantan Province is a province that experienced an increase in regional provider which is quite high compared with other provinces such as West Kalimantan, South Sulawesi, Riau etc. In this research use gualitative descriptive. Sources the data used in this research was primary and secondary data. Then, the data collection method used in this research was interviews and documentation. The result of this research mention that the implications of openness electronic procurement in East Kalimantan in the 2011-2015 are electronic procurement give provisions and informed, created fair competition to providers, reduce a corruption case in procurement of goods and services the government, meet the needs of access to information real time, and create and improve active participant providers of goods and services.

Keywords: e-procurement, transparancy, providers, competitiveness, local government.

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#### INTRODUCTION

The procurement of the government was actually a really an important part of the process of the implementation of the development of a country. The procurement of the government is activities to obtain goods and services by / ministry institutions / of regional taskforce / other institutional. Namely begins the process of planning with the needs of his round until all the activities to obtain goods and services, by the use of budget revenues and state expenditures (APBN) and/or budget revenues and regional spending (Perpres number 4 2015).

Government goods and services procurement in Indonesia is activity that is very crucial. an and services Government goods procurement be conducted every year by government agencies, in an effort to need meet the of activity the government and to improve public services can be achieved through the provision of infrastructure. telecommunication. health facilities. education, and even poverty reduction a supporting the economic growth the people in Indonesia.

Procurement in Indonesia has been transferred from being long electronic conventional. Indonesia new svstem e-procurement as а procurement started since 2002 until now. According to perpres number 4 vears 2015 e-procurement is procurement conducted by means of technology information and electronic transaction in accordance with the provisions legislation. In 2010, there government agencies are 48 indonesia both at the center and in the regions have applied e-procurement (LKPP, 2010).

Many benefits felt in on use eprocurement among the preparations the system e-procurement, are performance of government agencies can increase, because the purchase made with directly select items that is in system so as to diminish a tendency error. Tenders selection goods and services the government be done in online over the internet to make the process effective. efficient. and transparent (Candra, accessed by http://sbm.binus.ac.id/2016/03/17/eprocurement-di-indonesia/ on 20th, August, 2016).

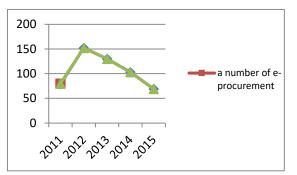
With the application of the system e-procurement involvement and competition among company local or area to the outside regions also the more, for example according to national data already processed in the 2011-2015 in West Kalimantan province who dominated the tender winner is a company other regions or non local, Riau the average dominated the tender winner is local company or West Java province who area. tender winner dominated the is balance between local company or area and companies non local or outside the region , then East Kalimantan who dominated the tender winner is local company or area (data processed in national, 2016).

East kalimantan as a province that the number of procurement goods and services are many, from the data mixed with take a sample 10% of the total number of procurement in the 2011-2015 which is 5350 procurement taken is 535 packages procurement of them in 2011 the number of package procurement of goods and services is 79 packages bidder followed by 2011 auction participants. In 2012 the number of package auction increased which is 152 packages auction and followed by 3434 auction participants. The following year, in 2013 the total number of package auction is 130 packages with а total auction participants were 4312 participants. In 2014, total procurement of goods and services were 103 packages with total members that is 3734 participants who joined auction tender. Then, in 2015 is experiencing a few the decrease in procurement of goods and services is as much as 69 packages with the total number of participants 2145 auction participants (data processed through website LPSE East Kalimantan, 2016).

Competitiveness or level competitive local company in East Kalimantan auite high especially competitiveness in the regional level or local. According to the one that was already processed through website LPSE East Kalimantan the number of a company that participate in the tender from 2011 up to 2015 the winner dominated by local company or area, where 2011 from 78 company who won tender, 64 of them won by of regional company and the rest company outside the region. In 2012 of 152 company who won auction 131 the company is of regional company and 21 other participants is a company outside the region. In 2013, 115 the winning bidder are regional companies, and 15 other is a company outside the region. In 2014 than 103 the winning bidder. 88 the company is is the company regions, and 15 other companies from outside the area. In 2015 is 69 auction participants only 5 company derived from outside the area, and 64 other are regional company.

According to national data already processed in the 2011-2015 East Kalimantan is provincial has increased providers an area sufficiently high being with other provinces as West Kalimantan, South Sulawesi, Riau etc (data processed in national, 2016). Here the table of eprocurement fluctuating In West Kalimantan in the 2011-2015:

### Table 1. Fluctuating Of Eprocurement In West Kalimantan In the 2011-2015



Source: Data Prosseced by Website LSPE West Kalimantan, 2016

This data showed, that eprocurement has been give the impact toward the companies that involved in tendering proccess. It will become question why the procurement of government is come down In 2012-2015, besides the e-procurement give the benefits impact. Therefore, from the data this research aims to analyze what the implications of the openness electronic procurement In East Kalimantan In The 2014-2015.

# **RESEARCH QUESTION**

1. How the implications of the openness electronic procurement with the decrease a number of e-procurement the In East Kalimantan In The 2011-2015 ?

# **RESEARCH METHODOLOGY**

In this research used The method qualitative analysis or qualitative approach. It is defined as an approach in research that uses interpretation as the method to understand the world (Denzin & Lincoln, 2005). The data collected is through deepened interviews with respondents related to this research and through library research. Α literature study was done by reading and studying the materials literature related to the research by the author. Then, research will be conducted in East Kalimantan Province to collect data related to the implications of openness electronic procurement in east kalimantan in the 2014-2015. The Subjects used in research related to the implications of openness electronic procurement in east kalimantan in the providers 2014-2015 are several Company for goods and services electronically which won the tender work in East Kalimantan, head of LPSE of East Kalimantan Province. and staff LPSE East Kalimantan Province.

# THEORETICAL FRAMEWORK

# **E-procurement**

E-procurement was the embodiment e-government more than technical. In practice, e-government is important to simplify the process of working government agencies. Many services or immaterial things that egovernment then applied in practice, which is e-procurement. As we know that e-procurement is procurement conducted electronically.

According to a list of words X-Solution in E-Journal UAJY (2014) mentioned that "E-procurement is a term from procurement or purchase of electronically. E-procurement is part of e-bisnis and used to design procurement processes based on the internet that optimized in a company. E-procurement not only relating to the purchasing, but also process of covering electronic negotiations and decision-making over contracts with suppliers. The process of purchasing simplified to the management of electronic for tasks that deals with operation. duties that deals with strategy be granted a larger role in the process".

According to the X-Solution word lists in e-journal UAJY (2014) states that:

"E-procurement is a term of procurement or purchase electronically. E-procurement is part of e-business and is used to design an Internet-based procurement processes are optimized in a company. Eprocurement is not only related to the procurement process alone, but also electronic negotiations includes and decision-making on contracts with suppliers. The purchase process is simplified with the handling of electronics for tasks related to the operation, the tasks related to the strategy can be given a more important role in that process."

According Sutedi (2014),eprocurement is an auction system in the procurement of government goods and services usina information Internet-based technology and communications that can take place in an effective, efficient, open and accountable. Procurement of Government Goods and Services. hereinafter referred to as the Procurement of Goods / Services is an activity to obtain goods / services by the Ministry / Agency / Regional Work Units / Institutions more process starts planning needs until completion of all activities to obtain goods / services (Module PBJ LKPP, 2010).

The process is regulated in Presidential Decree Number 54 Year 2010 concerning Procurement of Government Goods and Services. Organizing agency procurement of goods and services or commonly called LKPP RI (Public Procurement Agency of the Republic of Indonesia) which has been established pursuant to Presidential Decree No. 106 of 2007. LKPP is an institution qualified procurement policy, have the capability and authority to produce and develop a wide range of policies that can realize the procurement of goods and services are trusted in Indonesia (LKPP MoU signing with St. Louis, 2 April 2016).

Procurement of goods and services electronically in government is one powerful way to reduce corruption in Indonesia because its implementation is open and can coast at any time, other than it is an electronic procurement is also a process (Henriksen and Mahnike, 2004) in (Nurmandi and Kim, 2015) which increase the competition among those competitors (Mahmood, 2001) in (Nurmandi and Kim, 2015) and reduce human intervention in the process of the auction. Automation procurement and create an open competition for each supplier can monitor the auction process online anywhere and anytime that mengabatkan human intervention in the bidding process will be lower because the system of openness in eprocurement (Nurmandi and Kim. 2015). In addition it also can encourage users of e-procurement in the auction process to constantly monitor, make procurement quicker (Hanna, and easier 2011) in (Nurmandi and Kim, 2015) and to get the best quality or price and ratio (Awang, 2009) in (Nurmandi and Kim, 2015). The hope with the eprocurement system that is designed more transparent could reduce the rate corruption in the procurement of program of goods / services in the government both at national and local levels.

According to Nurmandi (2013) Eprocurement is an important intrument to prevent corruption in goods and procurement services budget. Indonesia has been implementing the e-procurement project since 2008 based on Presidential Decree. President has stipulating annual order (presidential instruction) has to be obey by all ministries and local governments to procure their budget through r-procurement mechanism. However, untill 2012 fiscal year, this research found that only around 10.26% of central government institution procurement budget, including ministries and 21,10% of local government procurement budget did procure through eprocurement method. The research by Nurmandi concluded that regulation, leadership procurement intitution and are challanging factors to make "status quo" e-procurement.

# The Objectives of e-procurement

The purpose of e-procurement described in presidential regulation number 54 of year 2010 on procurement of goods and services the government on article 107:

- 1. increase transparency and accountability
- 2. Enhance market access and fair competition in
- 3. Processes improve monitoring and audit
- 4. Meet the needs of access to information real time

# The principles in e-procurement

According to the presiden of the Republic Of Indonesia number 54 of year 2010 on procurement of goods and services the government in LKPP module for 2010, here is the principles to be executed in the conduct of procurement of goods and services the government:

- a. Efficient, means procurement goods or services must planted using the funds and the limited to reach the goal of set in a period of time and could be accounted for.
- b. Effective, means procurement of goods and services must be in accordance with the needs which have already established and can be beneficial for dependence the mark that has been set.
- c. Open and competitive, means procurement shall be open for providers of goods or services meet the requirements and done through competition between providers of goods or services equivalent and meet certain criteria according to the rules and procedures clear as well as transparent.
- d. transparent, means that all the provisions and information on

the procurement of goods or services, including technical requirements administration of procurement, procedures of evaluation, the evaluation results, the determination of prospective providers of goods or services which are interested as well as for society in general.

- e. Fair and not discriminating, means give equal treatment for all prospective providers goods or services and not leading to give an advantage to certain parties in a manner or whatever reason.
- f. Accountable, means have to reach the goal of either physical financial and benefits for the smooth operation of a common task, the government and community service in principles accordance and regulation in acquiring goods or services.

The objective of the implementation of e-procurement in the public sector is reformation process of goods and procurement. services From the various studies done based on the experience of the countries around the world. the implementation of eprocurement is to prevent or to reduce the level of corruption (Neupane in Nurmandi, 2013). Eprocurement can improve the efficiency over traditional procurement methods (Chang, 2011 and Hanna, 2010). The process of goods and services procurement electronically has obviously omitted the use of paper for the providers or the budget users. The providers just upload all

documents by the existing website without coming to the office. Eprocurement can also reduce the less necessary projects (Achterstraat in Nurmandi, 2013).

With e-procurement, only the projects needed by the people need be at auction. However, sold this assumption is only valid in the economically advanced countries. In developing countries, many projects are proposed by politicians for their interests personal (Murray in Nurmandi, 2013).

Tony Bovaird (2003) noted that implications of ICT (Information and Communication Technologies) implementation, particularly eprocurement, namely:

- a. The new generation of ICT driven reforms has interacted with a number of other important movements which have implications for organizational arrangements in the public sector
- b. ICT drivers for changes to organizational structures, processes and behaviours in public services
- c. New organizational configurations in public services
- d. he role of ICT in achieving organizational integration.

public ICT Application of in also procurement has important implications on organizational structures, processes, and behaviours Bovaird (2003) in public services. expain that improved use of databases in the organizations. The stocks of knowledge in the organization should help both in improving the decisions which get made and in implementing decisions more consistently. Secondly, Bovaird (2003) explain that better communications in an organization improved decision-making in an organization, partly through the use of the organization's databases.

# FINDING AND DISCUSSION

Procurement of government goods and services are switching from convention to e-procurement. The impacts are so significant to reduce the budget of APBN and APBD, proved in 2014 recorded 88 thousand packages have been tendered electronically with a value of more than Rp 227 trillion, which means that the transaction has been save more than Rp. 10 trillion (LKPP, 2014). It is indirectly also affect companies providing goods and services to compete to win the tender in government e-procurement the socalled e-tendering. E-tendering is the process of procurement of goods or services, followed by the provider of goods/services electronically through one means or with the public tender offer (Presidential Decree No. 4 of 2015).

The implementation of eprocurement in East system Kalimantan Province raises the implications both provider and the government. In the other hand, eprocurement has given not only the possitive impacts but also negative impacts toward the implementation of procurement. Basically in this study described procurement into four types:

- a. Goods, which every object either tangible or intangible, movable or immovable, which can be traded, used, used or utilized by the user of goods (Module LKPP, 2010). For example: raw materials, semifinished goods, finished goods / appliances, living creatures.
- b. The construction work, it is all work related to the implementation of the construction or the manufacture of other physical form (Module LKPP, 2010). An example is the work on the building includes work arstektural. civil, mechanical. elekrikal and environmental arrangement along with the accessories. building construction ships, aircraft or combat vehicles, work related land to preparation, excavation and/or land arrangement (landscaping), assembly or installation component fabrication, demolition (demolition), and cleaning (removal), reforestation and etc.
- c. consultancy services, namely professional services that require specific expertise in various fields of science that put their mind (brain ware) (Module LKPP. 2010). Examples: engineering services (engineering); planning services (planning), design (design), and control (supervision) for work other than construction; such as transportation, education,

health, fisheries. forestry, marine. environmental, aerospace. agriculture. business development, trade, human resource development, tourism. post and telecommunications. industrial. mining, energy; membership service professions, such as advisory services, assessment services. advisory services, technical assistance, management consultants, and legal consultants.

d. Other services, ie services that require certain capabilities that prioritizes skills (skillware) in a system of governance that has been widely known in the business world to complete a job or any employment and / or the provision of services other than consulting services. execution of construction works and procurement goods (Module LKPP. 2010). Examples: catering. hygiene services, insurance services, flight services, and others.

Here the implications of Openness e-procurement in East Kalimantan Province, 2011-2015:

> Procurement of goods and services electronically government (electronic procurement) is the process of procurement of government goods and services that the implementation done is electronically based website or internet by utilizing information and communication technology. One of the purposes of the procurement of goods and services electronically (eprocurement) that improve transparency or openness. Openness is expected by the e

procurement system is all the procurement process from start to finish procurement procurement walk openly, society can easily monitor via computer online. One example is the announcement of the electronic auction (eother procurement) than the notice through board announced the executing agencies also announced the provision of a national portal via LPSE. With the development of technology and information systems, the announcement of the auction conducted on this day, at the same time has also been spread in cyberspace and can be accessed by any person (LKPP, 2010).

1. Terms and Information clear Clarity that the government is able to explain to the public in this case is good for providers of goods/ services that have been registered in LPSE East Kalimantan province and the general public who want to know the type of procurement that have been held or are beina auctioned bv the ULP. government that Explained from the beginning that e-procurement aims to increase transparency, because the information and all the provisions are open to providers of goods / services that are interested and able to participate in the auction without any discrimination. As for the basis and the legal implementation of technical regulations in the procurement goods and services of electronically open in East Kalimantan province by:

1) Presidential Decree Number 54 Year 2010 concerning Procurement of goods/services of the Government which has been updated to Presidential Decree No. 4 of 2015 on the procurement of qoods/ services of the Government. 2) Regulation of the Procurement Agency Goods/Services No. 1 of 2011 regarding the procedure of e-tendering.

- 2. Creation the fair competitivenes With the disclosure of the clarity of the information related to the procurement of aoods and services electronically can create healthy competition, because if it is not time for the procurement of goods / services were announced on the portal LPSE East Kalimantan province, it is like the committee as well as company providers who participate in the auction procurement and services are not going to know the goods / services procurement anything that will be held in East Kalimantan provincial government agencies. This quarantee course can in the transparency procurement of government goods and services electronically for information relating to the procurement of government goods / services will be announced directly to the public melali portal LPSE East Kalimantan province so that all providers who participate in the auction and even the public can and viewed directly access online (Sagita, 2016).
- 3. Reducing corruption in the procurement of government goods / services

This clarity and conditions and information disclosure to the public of a technical nature and can reduce cases of administrative corruption, collusion and nepotism in the procurement of government goods / services, especially electronically.

- 4. Meeting the needs of real-time information access technical Clarity in and administrative information can be said to satisfy the needs of real-time information access to the procurement committee, the application of e-procurement and the public who want to know the auction procurement of goods and services electronically. So the need for access to real time it becomes automatic if you want to know related information to the auction of goods / services procurement of government. For the provider itself if there are schedule changes or information is important, and suddenly it will immediately enter into a corporate email their official recorded in LPSE East Kalimantan province that participate the auction in goods procurement of and services electronically with LPSE Fast (Interview Kalimantan Province. dated November 3, 2016).
- Creating and improving active participant provider of eprocurement The openness of e-procurement system between the provider of

system between the provider of the goods/services and the government will eventually create active provider where companies providing goods/ services will follow the auction procurement of goods/services of the government well. The company will be interested to register as applicators for their e-procurement svstem of openness in the procurement of goods and services auction. LPSE East Kalimantan Province is committed strive to procure goods and services in an open transparent electronics. and LPSE East Kalimantan province strives to always provide procurement information auctions are open from starting HPS. the job site. when registration is opened, until their rebuttal. Therefore, when no objection was not home to deliver a rebuttal, but actually counter that quality is not just a rebuttal.

# CONCLUSION

Based on the discussion of the results of research that has been described in the previous chapter, then in research are:

- 1. The e-procurement has a positive impact on companies local providers to compete to win the tender of the Provincial Government of East Kalimantan.
- 2. Aspects of openness in implementing e-procurement in the province of East Kalimantan is already quite well with the clarity of information in every part of the auction procurement of goods and services electronically.
- 3. To ensure transparency in any auction system of procurement of goods and services that is the way to build a direct communication with the procurement committee, the auction participant companies, even society. So that the

information submitted in accordance with the original.

4. The perceived benefits by openness is the lack of clarity associated with all kinds of auction information, can create healthy competition, can reduce cases of corruption in the procurement of goods / services of the government, can meet the needs of real-time information access, and can and improve create active participant providers of goods and services.

### RECOMMENDATION

Based on research done electronically either through interviews and documentation and descriptions noted earlier, the researchers propose the following suggestion that the application of e-procurement in the system should be repaired in order to create greater transparency open to the public, so that later the escort of the public towards e-procurement more intensively.

# REFERENCES

# **BOOKS and JOURNALS**

- Abdullah, P., Alisjahbana, A. S., & Nurry Efendi, B. (2002). Daya Saing Daerah: Konsep dan Pengukurannya di Indonesia. *Edisi Pertama. Yogyakarta: BPFE-UGM*.
- Ambastha, A., & Momaya, K. (2004). Competitiveness of firms: review of frameworks and models. *Singapore*

Management Review, 6(1), 45-61.

- Darma, DR. Surya. (2007). Manajemen Kinerja. Yogyakarta: Pustaka Pelajar
- Darumurti, Awang. 2013. Diktat Metode Penelitian Sosial. Universitas Muhammadiyah Yogyakarta, Yogyakarta.
- Hannemann, M. (2014). Key strategic factors contributing to global competitiveness of the South African steel industry (Doctoral dissertation).
- Harefa, H. P. (2015). Analisis Strategi SWOT Terhadap Peningkatan Daya Saing Pada Swalayan Bersama. *Jurnal Niaga* & *Bisnis*, 1(2), 201-211.
- Jasin, M., Zulaiha, A. R., Rachman, E. J., & Ariati, N. (2007). *Mencegah Korupsi Melalui e-Procurement.* Jakarta: Komisi Pemberantasan Korupsi.
- Lexy J. Moleong. 2009. Metodologi Penelitian Kualtatif. Bandung: Remaja Rosdakarya. Halaman 3
- Martin, R., Kitson, M., & Tyler, P. (Eds.). (2012). *Regional competitiveness*. Routledge.
- M. Iqbal Hasan. 2002. Pokok-pokok Materi Metodologi Penelitian

*dan aplikasinya*. Jakarta: Ghalia Indonesia. Halaman 82

- Modul Lembaga Kebijakan Pengadaan Barang dan Jasa Pemerintah (LKPP). 2010. Pengadaan Barang dan Jasa Pemerintah. Jakarta. Smesco UKM.
- Mulyadi. 2010. Sistem Akuntansi, Edisi ke-3, Cetakan ke-5. Penerbit Salemba Empat, Jakarta
- Nurchana, A. R. A. (2014). Efektivitas *E-Procurement* dalam Pengadaan Barang/Jasa (Studi terhadap Penerapan *E- Procurement* dalam Pengadaan Barang/Jasa di Kabupaten Bojonegoro). *Jurnal Administrasi Publik, 2*(2), 355-359.
- Nurmalasari, D. (2007). Analisis faktorfaktor yang mempengaruhi daya saing dan preferensi masyarakat dalam berbelanja di pasar tradisional.
- Nurmandi, Achmad. (2013). What is the status of Indonesia eprocurement. Journal of Government and Politics, 4(2), 350-373.
- Nurmandi, A., & Kim, S. (2015). Making e-procurement work in a decentralized procurement system: A comparison of three Indonesian cities. International

Journal of Public Sector Management, 28(3), 198-220.

- Ritonga, S. A. W., & Hidayat, P. (2015). ANALISIS DAYA SAING EKONOMI KABUPATEN BATU BARA. *Ekonomi dan Keuangan*, *3*(5).
- Setyadiharja, R., Budiman, S., Karim,
  Z. A., Matridi, R. A., Junriana,
  F., & Nurmandi, A. (2014). EProcurement System
  Technology: An Analysis in
  Electronic Procurement Service
  Unit (LPSE) of Kepulauan Riau
  Province. The Asian Journal of
  Technology Management Vol,
  7(2), 93-107.
- Wibawa, Dwi Ari. 2015. Benarkah EProcurement Menjadikan
  Pengadaan Barang Dan Jasa
  Lebih Kompetitif ?. Jakarta.
  Badan Pendidikan dan
  Pelatihan Keuangan
  Kementrian Keuangan.
- Wijaya, W. H., Indryani, R., & Putri, Y.
  E. (2010). Studi Penerapan EProcurement pada Proses
  Pengadaan di Pemerintah Kota
  Surabaya. *ITS Master*, 1-10.
- Yahya, Marzuqi, dan Endah Fitri Susanti, 2012. *Buku Pintar Pengadaan. Barang & Jasa Pemerintah*, Laskar Aksara;

Jakarta.Universitas Sumatera Utara.

### ARTICLES

- Amita, gentha, sally.2014.PeranPerencanaandanPembangunanDaerah(BAPPEDA) di Kota Bukittinggi.http://repository.usu.ac.id/diaksespadatanggal04Agustus 2016 pukul 11.25 WIB.
- Zulmi & Salomo. 2013. Transparansi dalam *e-procurement* di Dinas Kependudukan dan Catatan Sipil Kota Tangerang Selatan. http://lib.ui.ac.id/naskahringkas/ 2015-09/S47589 diakses pada tanggal 06 November 2016 pukul 16.10 WIB.

### WEBSITES

Alexandersutan.lecture.ub.ac.id,

diakses pada hari Rabu, tanggal 02 November 2016 pukul 09.30 WIB.

Guhardja, Edi (2000). *Rainforest* ecosystems of East Kalimantan: El Niño, drought, fire and human impacts. Springer. ISBN 4431702725.ISBN 978-4-431-70272-6. https://books.google.co.id/books ?id=NgALmUAi9HYC&lpg=PP1 &dq=kalimantan&pg=PA5&hl=e n#v=onepage&q&f=false , diakses pada hari senin, tanggal 07 November 2016 Pukul 11.45 WIB.

http://pengadaan-barangjasa/2016/03/melaluipengadaan-barang-dan-jasaakan.html#morepada, Penandatanganan MoU LKPP dengan UMY diakses pada hari Sabtu, 2 April 2016 pukul 11.00.

- www.kaltimprov.go.id, diakses pada hari jumat tanggal 18 Agustus 2016 pukul 09.05 WIB.
- http://www.kaltimprov.go.id/halsejarah-kaltim.html , diakses pada hari senin, tanggal 07 November 2016, Pukul 14.10 WIB.
- http://e-journal.uajy.ac.id/, diakses pada hari Senin, tanggal 22 Agustus 2016, Pukul 11.45 WIB.
- http://sbm.binus.ac.id/2016/03/17/eprocurement-di-indonesia/, diakses pada hari Rabu, tanggal 20 Agustus 2016, Pukul 11.30 WIB.

http://lpse.kaltimprov.go.id/eproc/lelan

- g , diakses pada hari Sabtu, 16 Juli 2016 pukul 08.10 WIB.
- http://lpse.kaltimprov.go.id/eproc/tenta ngkami , diakses pada hari Senin, 31 Oktober 2016 pukul 08.25 WIB.
- http://lpse.kaltimprov.go.id/eproc/konta k, diakses pada hari Senin, 31 Oktober 2016 pukul 07.46 WIB.
- http://lpse.kaltimprov.go.id/eproc/pakta integritas, diakses pada hari Jumat, 18 November 2016 pukul 15.05 WIB
- http://inaproc.lkpp.go.id/eproc/SyaratK etentuan2, diakses pada hari Jumat, 18 November 2016 pukul 15.17 WIB
- http://lpse.kaltimprov.go.id/eproc/rekan an/mendaftarconfirmemail, diakses pada hari Jumat, 18 November 2016 pukul 15.20 WIB
- http://lpse.kaltimprov.go.id/eproc/lelan g/pemenangcari, diakses pada hari Jumat, 18 November 2016 pukul 15.25 WIB
- http://lpse.kaltimprov.go.id/eproc/lelan g/pemenang/7921035, diakses pada hari Jumat, 18 November 2016 pukul 16.03 WIB
- http://lpse.kaltimprov.go.id/eproc/public berita?j=pengumuman, diakses

pada hari Rabu, 23 November 2016 pukul 19.05 WIB

#### THE LEGISLATIONS

- Keputusan Gubernur Kalimantan Timur Nomor 027/K.71/2015 tentang Penetapan Pengelola Layanan Pengadaan Barang/Jasa Secara Elektronik.
- Keputusan Presiden Nomor 80 Tahun 2003 tentang Pengadaan Barang/Jasa dengan *E-Procurement.*
- Peraturan Pemerintah No. 90 Tahun 2010 tentang Penyusunan Rencana Kerja dan Anggaran Kementerian/Lembaga
- Peraturan Presiden Nomor 4 Tahun 2015 tentang Pengadaan Barang dan Jasa Pemerintah.
- Peraturan Presiden Republik Indonesia Nomor 54 Tahun 2010 tentang Pengadaan barang dan jasa pemerintah.
- Peraturan Kepala Lembaga Kebijakan Pengadaan Barang/Jasa Pemerintah Nomor 18 Tahun 2012 tentang *e-tendering*.
- Rencana Pembangunan Jangka Panjang (RPJP) Provinsi Kalimantan Timur Tahun 2005-2025.

### INTERVIEWS

- Interview with Head of LPSE East Kalimantan Province, Mr. Adrie Wira Sagita, Head of Sub Telematics Applications Communications and Information Agency of East Kalimantan Province.
- Interview with Staff LPSE East Kalimantan Province, Mr. Aldsi, Staff Field service Communications and Information Agency of East Kalimantan Province.
- Interview with CV. Kpn Medika, Provider, Bapak Rusli karyawan CV. Kpn Medika. 01/11/2016
- Interview with CV. Febranta, provider, Ibu Siti Maimunah. 03/11/2016.
- Interview with CV. Citra Kalimantan, provider, Bapak Ibnu. 01/11/2016.
- Interview with CV. Executive 04 Consultant, provider, Bapak Marlin. 01/11/2016.
- Interview with CV. Safira Jaya provider, Bapak Ilham. 02/11/2016.
- Interview with PT. Adinda Putri, provider, Bapak Sulaiman. 01/11/2016.
- Interview with CV. Multindo Prima Prakasa provider, Ibu Maya. 01/11/2016.

Interview with CV. Lunar Jaya, provider Bapak Satya. 01/11/2016.