

https://dspace.org/

# Implementation of e-procurement by the Gauteng Department of Infrastructure Development and its impact on the development of small and medium construction firms

**Sithole, Ronald Alfred**

**2017**

https://hdl.handle.net/10539/24199

Sithole, Ronald Alfred (2017) Implementation of e-procurement by the Gauteng Department of Infrastructure Development and its impact on the development of small and medium construction firms, University of the Witwatersrand, Johannesburg, <http://hdl.handle.net/10539/24199>

Downloaded from a DSpace repository. https://dspace.org/

# IMPLEMENTATION OF E-PROCUREMENT BY THE GAUTENG DEPARTMENT OF INFRASTRUCTURE DEVELOPMENT AND ITS IMPACT ON THE DEVELOPMENT OF SMALL AND MEDIUM CONSTRUCTION FIRMS

## EXAMINER No. 1's COMMENTS AND ACTIONS

**Ronald Alfred Sithole**

Student Number

**421990**

A dissertation submitted to the Faculty of Engineering and Built Environment, University of the Witwatersrand, Johannesburg, in partial fulfilment of the requirements for the degree of Master of Science in Building (Project Management).

Supervisor

**Professor Samuel Laryea**




**School of Construction Economics and Management**

**University of Witwatersrand**

**Johannesburg**

**18 OCTOBER 2017**

| Examiners Comments | Previous Document Page Number | Action | Final Submission Document Page Number |
|---|---|---|---|
| Indicate response rate | 3 | Response rate indicated on the Abstract. | ii |
| Write in full and the acronym (CIDB) | 3 | The acronym CIDB was written in full as “Construction Industry Development Board.” | iii |
| Write in full “ICT” | 4 | ICT was written in full as “Information, Communication and Technology.” | iii |
| Keywords | 4 | Keywords were indicated.<br><br>*e-procurement, implementation, inhibiting factors, benefits, development and Small and Medium Construction Firms* | iv |
| Statement not clear; grammar | 19 | Statement rephrased.<br><br>*GDID in this regard, implemented e-procurement methodologies to increase the efficiency and effectiveness of its procurement proceses, while enhancing transparency, accountability, competitiveness, fairness and equality requirements.* | 2 |
| Other Provincial Departments | 23 | The Departments that are clustered in ‘Other Provincial Departments Branch also referred to as STARS were indicated as:<br><br>*(Comprises of the infrastructure projects undertaken on behalf of the Department of Community Safety; Social Development; Sports, Arts, Culture and Recreation; Roads and Transport and Economic Development).* | 6 |
| This should be at the last Chapter | 24 | The recommendation was transferred to Chapter 6. | 173 |

| Examiners Comments | Previous Document Page Number | Action | Final Submission Document Page Number |
|---|---|---|---|
| What sampling method was used? (GDID officials) | 25 | The sampling method used to determine the respondents within the GDID was the combination of the stratified sampling and the purposive sampling. The stratified sampling was used to ensure that participants were derived from the four Branches that are involved in the procurement of infrastructure project which are:<br>• Health Branch;<br>• Education Branch;<br>• STARS; and<br>• Supply Chain Management (SCM)<br><br>Purposive sampling was used to ensure that the participants identified have extensive knowledge in the procurement process implemented by GDID. | 8 |
| What sampling method was used? (SMCFs) | 26 | Purposive sampling was used. The requirement during the pilot survey was for contractors who were currently implementing infrastructure projects for GDID. | 10 |
| Which research technique is this? | 27 | The referred research technique was the use of the questionnaire during the field work. The statement was rephrased to mean research instrument. | 10 |
| Write in full despite the acronym abbreviated in the list (CIPS) | 30 | CIPS written in full.<br><br>*Chartered Institute of Purchasing and Supply (CIPS)* | 14 |
| Write figure at the bottom and not the top of the diagram. | 31 | Figure written at the bottom of diagrams. | 15, 21 and 43 |
| Nott very clear figure | 37 | The figure was replaced and the print is clear now. | 21 |

| Examiners Comments | Previous Document Page Number | Action | Final Submission Document Page Number |
|---|---|---|---|
| Not clear sentence in relation to subtitle | 50 | The sentence was rephrased.<br><br>*According to Neupane, et al., (2012); Yang & Zhang, (2009) and Angelov & Grefen, (2008), the use of information technology during the contract administration stage, improves communication and stimulates the rate of production and reporting during project contracting processes.* | 34 |
| Heading of Table and definition of columns when overlapping to next page | 51 | Heading of Table and definition of columns when overlapping to the next page were put on all pages that the Table overlapped to. | 35, 36 and all other pages with tables |
| Use bullets not letters | 63 | Letters were replaced with bullets. | 48 |
| What is the sample size? | 84 | The sample size was indicated to be referring to the total number of targeted participants during the pilot survey which was eight participants. | 69 |
| Sampling method used (GDID officials) | 84 | The sampling method used to determine the respondents within the GDID was the combination of the stratified sampling and the purposive sampling. The stratified sampling was used to ensure that participants were derived from the four Branches that are involved in the procurement of infrastructure project which are:<br>• Health Branch;<br>• Education Branch;<br>• STARS; and<br>• Supply Chain Management (SCM)<br><br>Purposive sampling was used to ensure that the participants identified have extensive knowledge in the procurement process implemented by GDID. | 69 |

| Examiners Comments | Previous Document Page Number | Action | Final Submission Document Page Number |
|---|---|---|---|
| What sampling method was used? (SMCFs) | 87 | Purposive sampling was used. The requirement during the field work were for contractors who had participated in the procurement for infrastructure projects implemented by GDID within the previous three financial years which are 2014/15, 2015/16 and 2016/17. Sample size 250 SMCFs. | 72 |
| How was the quantitative data analysed? Were there any software used for? | 93 | The research was qualitative and the data collected was analysed using the content analysis. The section that referred to quantitative data collection and analysis was removed. | 78 |
| I prefer the discussion before the table | 98 | Discussion was put before the table. | 82 and 83 and all other pages with tables |
| What is the value for big projects in SA context? | 100 | The statement was rephrased to indicate the procurement processes that are implemented for projects with values more than R500 000.00 where open tendering is used. | 84 |
| Despite indicating the benefits they are not overwhelmingly accepted out of 27 SMCFs, only 8 indicated as high frequency | 123 | The observation made is that SMCFs were indicating different benefits or inhibiting factors. This broader the benefits and inhibiting factors indicated, reduced the frequency that some were mentioned. | Note |
| Summary of Chapter | 173; 187 & 195 | Summary of Chapter 4; 5 and 6 were included. | 149, 165 and 173 |
| Add this column | 178 | The column was added. | 155 |
| Referencing, grammar and spelling mistakes | Various | Referencing rectified on several pages. Grammar and spelling mistakes were checked. | Entire document. |