



# Kampala Capital City Authority

## DESIGN AND DEVELOPMENT OF THE COMPUTER AIDED MASS PROPERTY VALUATION INFORMATION SYSTEM, CITY ADDRESS MODEL (CAM) AND THE KCCA CORPORATE GIS (CAM/CAMPV SYSTEM)

ICB No: KCCA/KIIDP2/16-17/00509

### RESPONSE TO CLARIFICATION

Item.	Clarification Requests	Responses
1.	Page 62; Bidders Experience	
	<p>i. Must have at least 12 years of working experience with public sector in ICT, Computer Aided Mass Property Valuation Information system, City Address Module incorporated with GIS</p> <p>We accept the requirement of the Bidder to have minimum 12 years of experience with the Public Sector,</p>	<p><b>Amended;</b> ITB 6.1 (a) 1, ii.</p> <p><b>Replace</b> ”</p> <p>ii. The Bidder must have completed at least three (3) projects of design and development of a Computer Aided Mass Property Valuation Information System integrated with GIS or City Address</p>

	<p>But specific experience with Computer Aided Mass Property Valuation Information system, City Address Module incorporated with GIS services to be reduced at least 10 years of working experience</p>	<p>Model (CAM) during last 12 years. The projects have to be in similar size and complexity, in the public sector. This will be verified at evaluation and for each of the reference site quoted, the bidder must describe what resources were used in the assignment, their skillsets and if they are currently still working for the same organization.</p> <p>“</p> <p><b>With</b></p> <p>“</p> <p>ii. The Bidder must have;</p> <p>a. Completed at least three (3) projects of design and development of a Computer Aided Mass Property Valuation Information System integrated with GIS or City Address Model (CAM).</p> <p>b. Completed projects of the similar size and complexity, in the public sector.</p> <p>”</p> <p><i>Refer to Addendum No. 3 Item 1.</i></p>
2.	ITB 6.1 (a) , Page 64	
	<p>iii. Provide at least 3 client reference letters, Completion Certificates, Contract copies as evidence. Clause no ITB 6.1 (a) iii) and Clause no 3.5.2 (where on page 330 the bid document says "Bidders should not enclose testimonials, certificates, and publicity material with their applications; they will not be taken into account in the evaluation of qualifications") are</p>	<p><b>Amended</b> Clause no 3.5.2</p> <p><b>Delete</b> “Bidders should not enclose testimonials, certificates, and publicity material with their applications; they will not be taken into account in the evaluation of qualifications.”</p>

	contradictory and hence request you to kindly confirm:	<i>Refer to Addendum No. 3 Item 2.</i>
	Do we have to attach copy of documents in support of our claim of past experience	Yes the bidder is required to attach copies in support of the claim of the past experience as stated in ITB 6.1 (a) iii)
3.	Clause no 39.1.5, Page 165	
	<p>The Purchaser and Supplier will agree, during development of the Project Plan, to a date prior to the scheduled date for Operational Acceptance, after which the Technical Requirements for the System shall be “frozen.”</p> <p>It will be very difficult to incorporate any changes asked after SRS or System study is done and approved as development process would have started and hence impact of any new change may have substantial impact on overall design of the application and the schedule of the Project as well.</p> <p>Hence we request not to propose any change that shall result into changing the system design or coding after SRS / System study is approved.</p>	<p><b>Amended</b> Section IV. General Conditions of Contract, Clause no 39.1.5, Page 165</p> <p><b>Replace</b></p> <p>“Moreover, the Purchaser and Supplier will agree, during development of the Project Plan, to a date prior to the scheduled date for Operational Acceptance, after which the Technical Requirements for the System shall be “frozen.” Any Change initiated after this time will be dealt with after Operational Acceptance.”</p> <p><b>With</b></p> <p>“The bidder shall submit System Requirements Specification (SRS) and System Design Specification document based on the study and after approval of the SRS and SDS by the purchaser based upon which the bidder shall commence the development phase of the system.</p> <p>There shall not be any change in the requirement post approval of the SRS and SDS. In case of any change in requirement due to business need and requires modification in the system design, coding, the same shall be</p>

		<p>considered after operational acceptance of the system and shall be treated under change request process.”</p> <p><i>Refer to Addendum No. 3 Item 3.</i></p>
4.	<p>Section V. Special Conditions of Contract, Clause no 9, Page 192.</p> <p>Fixing of issues during pilot phase. Clarify the pilot phase</p>	<p><b>Amended</b> Section V. Special Conditions of Contract, Clause no 9, Page 192</p> <p><b>Replace</b> “ 4. Fixing of issues during pilot phase: “</p> <p><b>With</b> “ 4. Fixing of issues during Implementation and Support period: “</p> <p><i>Refer to Addendum No. 3 Item 4.</i></p>
5.	<p><b>Section V. Special Conditions of Contract</b>, Clause no. GCC 29.4, Page 207.</p> <p>The Warranty Period (N) shall begin from the date of Operational Acceptance of the System or Subsystem and extend for 36 months. Please clarify because in some pages it specifies 18 as warranty period, this clarity is important for our planning.</p>	<p><b>Amended</b> Section V. Special Conditions of Contract, Clause no. GCC 29.4, Page 207</p> <p><b>Replace</b> The Warranty Period (N) shall begin from the date of Operational Acceptance of the System or Subsystem and extend for 36 months</p> <p><b>With</b> “The implementation period for the project shall be eighteen (18) months from the date of signing the contract with the bidder. After operational</p>

		<p>acceptance (Go-Live) of the system, the system shall be under warranty and support for the period of thirty six (36) months.”</p> <p>“</p> <p><i>Refer to Addendum No. 3 Item 5.</i></p>
<p>6.</p>	<p><b>Section IV. General Conditions of Contract, ITB 6.1</b></p> <p><b>a) 3. Page 64-69.</b></p> <p>i. RFP on page no 66 states that "The Bidder Project team must have following minimum resources and they are expected to be available for the duration of the Project as per schedule" please clarify if the entire project team must be available throughout the project duration?</p>	<p><b>Amended</b></p> <p>Section IV. General Conditions of Contract, ITB 6.1 a) 3. Page 64-69.</p> <p><b>Replace</b></p> <p><b>3. Staff experience</b></p> <p>The bidder shall provide a team of technical, non-technical and other staff required to ensure successful implementation of the system. The Bidder shall include as deemed fit all such staff in the bid and ensure they are available. Organization and reporting roles within the project team should be clearly defined. The Bidder’s project team must have the following minimum key staff/competencies and they are expected to be available for the duration of the project as per schedule:</p> <p><b>a) 1 Project Manager;</b></p> <p>i. At least 12 years of project management experience, in projects of similar nature / scope and complexity.</p> <p>ii. Should have managed a successful implementation of at least 2 public Computer Aided Mass Property Valuation and Management system (CAMPV) integrated with a Corporate GIS and City Address Model.</p> <p>iii. A Master’s degree in business administration or related field is required.</p>

		<ul style="list-style-type: none"> <li>iv. Relevant qualification in project planning and management from PMI is required.</li> <li>v. Preferably a current membership to a relevant professional body.</li> <li>vi. Good understanding of standard I.T change management processes,</li> </ul> <p><b>b) 1 GIS / Remote Sensing expert</b></p> <ul style="list-style-type: none"> <li>i. At least 8 years' experience of a similar nature / scope preferably in developing countries.</li> <li>ii. Should have been part of a team that successfully implemented at least 2 public Computer Aided Mass Property Valuation and Management system (CAMPV) integrated with a Corporate GIS and City Address Model.</li> <li>iii. A master's degree in GIS and remote sensing or a similar field is required.</li> </ul> <p><b>c) 2 Systems Auditor</b></p> <ul style="list-style-type: none"> <li>i. The systems auditor(s) should have a minimum of 8 years' experience in auditing similar projects.</li> <li>ii. Masters in Computer Science or equivalent.</li> </ul> <p><b>d) 1 Revenue Expert</b></p> <ul style="list-style-type: none"> <li>i. 5 years' experience (minimum of 4 years on contracts of a similar nature),</li> <li>ii. Master's degree in business management/administration/finance, ACCA Certified</li> </ul>
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		<p><b>e) 1 Monitoring and Evaluation Expert</b></p> <ul style="list-style-type: none"> <li>i. Experience of at least 8 years' in Monitoring &amp; Evaluation of projects of similar scope.</li> <li>ii. A Masters degree in business administration or related field is required.</li> <li>iii. Preferably a current membership to a relevant professional body.</li> <li>iv. Demonstrated experience in IT system monitoring and evaluation, report writing and issue documentation.</li> <li>v. Knowledge of the proposed solution and methodology will be an added advantage.</li> </ul> <p><b>f) 1 Professional Valuer</b></p> <ul style="list-style-type: none"> <li>i. The valuer should have at least seven (7) years' experience in property tax valuations.</li> <li>ii. The valuer should demonstrate knowledge in valuing all types of properties (estimating the market value of land, buildings, commercial properties and annual rental value).</li> <li>iii. Demonstrate experience in developing Computer Aided Mass Properties Valuation with at least 3 contracts of a similar nature.</li> <li>iv. The valuer, as a minimum should have a bachelors degree in Land Economics, Valuation.</li> <li>v. Should have membership of a recognized professional valuation body, institute or organization.</li> </ul> <p><b>g) 1 IT specialist</b></p> <ul style="list-style-type: none"> <li>i. 8 years of experience in IT (minimum of 6 years in projects of a similar nature)</li> </ul>
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		<ul style="list-style-type: none"> <li>ii. A master's degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>iii. A Bachelor's degree in Information Technology, Computer Science, Computer Engineering or other related fields.</li> <li>iv. A demonstrated track record of at least eight (8) years of IT experience in large, busy environments or large IT software projects with at least eight years' experience in leading teams in the design, development, testing and roll out of complex software systems and applications. The projects should have involved significant software customization and integration with other external systems</li> <li>v. Experience in the implementation and integration of large scale enterprise applications.</li> <li>vi. Demonstrated expertise in design and development of at least six (6) years of experience in the Bidder's proposed solution.</li> <li>vii. Relevant Certification for the proposed solution will be required.</li> </ul> <p><b><i>h) 5 IT Programmer(s)</i></b></p> <ul style="list-style-type: none"> <li>i. A Bachelor's degree in Information Technology, Computer Science, Computer Engineering or other related fields</li> <li>ii. A demonstrated track record of at least four years of programming experience in the design, development, testing and roll out of complex software systems and applications. The projects should have involved significant software customization and integration with other external systems</li> <li>iii. Advanced programming techniques, application and systems design using at least three (3) programming languages for a minimum of three (3) years.</li> </ul>
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		<ul style="list-style-type: none"> <li>iv. Adequate knowledge of distributed systems architecture, relational database systems, middleware, Object Oriented Programming, web-services/SOA, web and mobile application development including a good understanding of software development methodologies and techniques.</li> <li>v. An understanding of how web and mobile applications work including security, session management, and best development practices.</li> <li>vi. Demonstrated expertise and at least one year of experience in the Bidder's proposed solution.</li> <li>vii. Relevant Certification for the proposed solution will be required.</li> </ul> <p><i>i) 5 Database administrators</i></p> <ul style="list-style-type: none"> <li>i. At least 5 years' experience managing enterprise level database technologies.</li> <li>ii. Relevant Professional Certification in database administration will be required.</li> <li>iii. Sound knowledge of application and database security</li> <li>iv. Skills to develop and deploy database reports, customization scripts/programs</li> <li>v. good command of enterprise database scripting language</li> <li>vi. Expert knowledge of proposed solution and its database components.</li> <li>vii. Knowledge of high availability technologies, modern data protection and recovery techniques for the proposed solution.</li> </ul> <p><i>j) 4 Systems Administrators</i> required for system setup and training</p> <ul style="list-style-type: none"> <li>i. Minimum of a Degree in IT or related field</li> </ul>
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		<ul style="list-style-type: none"> <li>ii. expertise in the Bidder's proposed operating environment and platform</li> <li>iii. At least 5 years' experience in managing large enterprise level systems.</li> <li>iv. Relevant Professional Certification in systems administration will be required.</li> <li>v. Sound knowledge of application and systems security</li> <li>vi. Knowledge of high availability technologies, modern data protection and recovery techniques for the proposed solution.</li> </ul> <p><b><i>k) 3 Systems Architects</i></b></p> <ul style="list-style-type: none"> <li>i. 6 years of experience in designing systems technical documents (3 years of projects with GIS)</li> <li>ii. A master's degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>iii. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>iv. A demonstrated track record of at least four years of system analyst experience in the design, development, testing and roll out of complex software systems and applications. The projects should have involved significant software customization and integration with other external systems</li> <li>v. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of two (4) years.</li> <li>vi. Adequate knowledge of distributed systems architecture, relational database systems, middleware, Object Oriented Programming, web-services/SOA, web and mobile application development including a</li> </ul>
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		<p>good understanding of software development methodologies and techniques.</p> <ul style="list-style-type: none"> <li>vii. An understanding of how web and mobile applications work including security, session management, and best development practices.</li> <li>viii. Demonstrated expertise and at least six (6) years of experience in the Bidder's proposed solution.</li> <li>ix. Relevant Certification for the proposed solution will be required.</li> </ul> <p><b><i>l) 5 Business Analysts</i></b></p> <ul style="list-style-type: none"> <li>i. 6 years of experience in business process analysis and management (3 years of projects with GIS)</li> <li>ii. A master's degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>iii. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>iv. A demonstrated track record of at least four years of system analyst experience in the design, development, testing and roll out of complex software systems and applications. The projects should have involved significant software customization and integration with other external systems</li> <li>v. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of two (4) years.</li> <li>vi. Adequate knowledge of distributed systems architecture, relational database systems, middleware, Object Oriented Programming, web-services/SOA, web and mobile application development including a good understanding of software development methodologies and techniques.</li> </ul>
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		<ul style="list-style-type: none"> <li>vii. An understanding of how web and mobile applications work including security, session management, and best development practices.</li> <li>viii. Demonstrated expertise and at least six (6) years of experience in the Bidder's proposed solution.</li> <li>ix. Relevant Certification for the proposed solution will be required.</li> </ul> <p><b><i>m) 3 IT Hardware and Network Engineers</i></b></p> <ul style="list-style-type: none"> <li>i. More than 6 years' experience in installing specified equipment</li> <li>ii. International network and hardware Certifications in the relevant fields like CCNP and CCIE</li> </ul> <p><b><i>n) 4 Trainers</i></b></p> <ul style="list-style-type: none"> <li>i. More than 6 years' experience conducting product training for similar implementation including training of trainers.</li> <li>ii. Experience in developing training curriculum for various types of training taking into account client's processes and preferences</li> <li>iii. Experience in conduct a training needs assessment and creating a custom training that is unique to the needs identified</li> <li>iv. Experience in conducting post training feedback and developing a re-training roadmap</li> <li>v. Masters' in Business Administration and Management or equivalent, professional certificate from accredited institute.</li> </ul> <p><b><i>o) 2 Systems Security Experts</i></b></p> <ul style="list-style-type: none"> <li>i. Should have Bachelor's degree in Computer Science or related field</li> <li>ii. Should have Professional Certification: CISSP or any related security certification</li> </ul>
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		<ul style="list-style-type: none"> <li>iii. Should have experience of 4 years expertise in design and implementation of similar proposed solutions.</li> <li>iv. Experience in Information and Network Security including security &amp; penetration testing, application, OS, Firewall and network troubleshooting, tuning, testing, and upgrading</li> </ul> <p><b>With</b></p> <p><b>3. Staff Experience for System Implementation</b></p> <p>The bidder shall deploy sufficient team of technical, non-technical and other staff when needed based on the approved project implementation approach and schedule to ensure successful implementation of the system. The bidder shall include the CVs of such staff in the bid and the minimum qualification and experience is mentioned below;</p> <p><i>a) Expertise; Project Management Experience/ Qualifications;</i></p> <ul style="list-style-type: none"> <li>i. At least 12 years of project management experience, in projects of similar nature / scope and complexity.</li> <li>ii. Should have managed a successful implementation of at least 2 public Computer Aided Mass Property Valuation and Management system (CAMPV) integrated with a Corporate GIS and City Address Model.</li> <li>iii. A Master's degree in business administration or related field is required.</li> <li>iv. Relevant qualification in project planning and management from PMI is required.</li> <li>v. Preferably a current membership to a relevant professional body.</li> <li>vi. Good understanding of standard I.T change management processes,</li> </ul>
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		<p><b><i>b) Expertise; GIS / Remote Sensing Experience/ Qualification;</i></b></p> <ul style="list-style-type: none"> <li>i. At least 8 years’ experience of a similar nature / scope preferably in developing countries.</li> <li>ii. Should have been part of a team that successfully implemented at least 2 public Computer Aided Mass Property Valuation and Management system (CAMPV) integrated with a Corporate GIS and City Address Model.</li> <li>iii. A master’s degree in GIS and remote sensing or a similar field is required.</li> </ul> <p><b><i>c) Expertise; Systems Auditing. Experience/ Qualifications</i></b></p> <ul style="list-style-type: none"> <li>i. The systems auditor(s) shall have a minimum of 8 years’ experience in auditing similar projects.</li> <li>ii. Masters in Computer Science or equivalent.</li> </ul> <p><b><i>d) Expertise; Revenue Collection Experience/ Qualifications.</i></b></p> <ul style="list-style-type: none"> <li>i. The revenue collector shall have a minimum of 5 years’ experience in collection of revenue in the public sector.</li> <li>ii. Master’s degree in business management/administration/finance, ACCA Certified or equivalent.</li> </ul> <p><b><i>e) Expertise; Monitoring and Evaluation</i></b></p>
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		<p><b><i>Experience/ Qualification.</i></b></p> <ul style="list-style-type: none"> <li>i. Experience of at least 8 years’ in Monitoring &amp; Evaluation of projects of similar scope.</li> <li>ii. A Masters degree in business administration or related field is required.</li> <li>iii. Preferably a current membership to a relevant professional body.</li> <li>iv. Demonstrated experience in IT system monitoring and evaluation, report writing and issue documentation.</li> <li>v. Knowledge of the proposed solution and methodology will be an added advantage.</li> </ul> <p><b><i>f) Expertise; professional Valuation</i></b>  <b><i>Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. The valuer shall have at least seven (7) years’ experience in property tax valuations.</li> <li>ii. The valuer shall demonstrate knowledge in valuing all types of properties (estimating the market value of land, buildings, commercial properties and annual rental value).</li> <li>iii. Demonstrate experience in developing Computer Aided Mass Properties Valuation with at least 3 contracts of a similar nature.</li> <li>iv. The valuer, as a minimum should have a bachelors degree in Land Economics, Valuation.</li> <li>v. The valuer shall be a registered member of a recognized professional valuation body, institute or organization in Uganda.</li> </ul> <p><b><i>g) Expertise; Software development</i></b>  <b><i>Experience/ Qualification</i></b></p>
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		<ul style="list-style-type: none"> <li>i. A Bachelor’s degree in Information Technology, Computer Science, Computer Engineering or other related fields</li> <li>ii. A demonstrated track record of at least four years of programming experience in the design, development, testing and roll out of complex software systems and applications. The projects should have involved significant software customization and integration with other external systems</li> <li>iii. Advanced programming techniques, application and systems design using at least three (3) programming languages for a minimum of three (3) years.</li> <li>iv. Adequate knowledge of distributed systems architecture, relational database systems, middleware, Object Oriented Programming, web-services/SOA, web and mobile application development including a good understanding of software development methodologies and techniques.</li> <li>v. An understanding of how web and mobile applications work including security, session management, and best development practices.</li> <li>vi. Demonstrated expertise and at least one year of experience in the Bidder’s proposed solution.</li> <li>vii. Relevant Certification for the proposed solution will be required.</li> </ul> <p><b><i>h) Expertise; Database Design and Development Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. At least 5 years’ experience managing enterprise level database technologies.</li> <li>ii. Relevant Professional Certification in database administration will be required.</li> </ul>
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		<ul style="list-style-type: none"> <li>iii. Sound knowledge of application and database security</li> <li>iv. Skills to develop and deploy database reports, customization scripts/programs</li> <li>v. good command of enterprise database scripting language</li> <li>vi. Expert knowledge of proposed database components.</li> <li>vii. Knowledge of high availability technologies, modern data protection and recovery techniques.</li> </ul> <p style="margin-left: 40px;">i) <b><i>Expertise; Systems Administration</i></b> <b><i>Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. Minimum of a Degree in IT or related field</li> <li>ii. expertise in the Bidder’s proposed operating environment and platform</li> <li>iii. At least 5 years’ experience in managing large enterprise level systems.</li> <li>iv. Relevant Professional Certification in systems administration will be required.</li> <li>v. Sound knowledge of application and systems security</li> <li>vi. Knowledge of high availability technologies, modern data protection and recovery techniques.</li> </ul> <p style="margin-left: 40px;">j) <b><i>Expertise; Systems Architect</i></b> <b><i>Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. 6 years of experience in designing systems technical documents.</li> <li>ii. A bachelors’ degree in information technology, Computer science, computer engineering or other relevant fields</li> <li>iii. A demonstrated track record of at least four years of system analyst experience in the design, development, testing and roll out of complex</li> </ul>
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		<p>software systems and applications. The projects should have involved significant software customization and integration with other external systems</p> <ul style="list-style-type: none"> <li>iv. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of two (4) years.</li> <li>v. Adequate knowledge of distributed systems architecture, relational database systems, middleware, Object Oriented Programming, web-services/SOA, web and mobile application development including a good understanding of software development methodologies and techniques.</li> <li>vi. An understanding of how web and mobile applications work including security, session management, and best development practices.</li> <li>vii. Demonstrated expertise and at least six (6) years of experience in the relevant technology.</li> </ul> <p><b><i>k) Expertise; Business Analysis Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. 6 years of experience in business process analysis and management.</li> <li>ii. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>iii. A demonstrated track record of at least four years of system analyst experience in the design, development, testing and roll out of complex software systems and applications. The projects should have involved significant software customization and integration with other external systems</li> </ul>
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		<ul style="list-style-type: none"> <li>iv. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of four (4) years.</li> <li>v. Adequate knowledge of distributed systems architecture, relational database systems, middleware, Object Oriented Programming, web-services/SOA, web and mobile application development including a good understanding of software development methodologies and techniques.</li> <li>vi. An understanding of how web and mobile applications work including security, session management, and best development practices.</li> </ul> <p><b><i>l) Expertise; IT Hardware and Network Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>ii. More than 6 years' experience in installing specified equipment</li> <li>iii. International network and hardware Certifications in the relevant fields.</li> </ul> <p><b><i>m) Expertise; Knowledge Transfer and Capacity Building Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. More than 6 years' experience conducting product training for similar implementation including training of trainers.</li> <li>ii. Experience in developing training curriculum for various types of training taking into account client's processes and preferences</li> <li>iii. Experience in conduct a training needs assessment and creating a custom training that is unique to the needs identified</li> </ul>
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		<ul style="list-style-type: none"> <li>iv. Experience in conducting post training feedback and developing a re-training roadmap</li> <li>v. A bachelor’s degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> </ul> <p><b><i>n) Expertise; Systems Security Experience/ Qualification</i></b></p> <ul style="list-style-type: none"> <li>i. A bachelor’s degree in information technology, Computer science, business administration, computer engineering or other relevant fields</li> <li>ii. Should have relevant systems security Professional Certification.</li> <li>iii. Should have experience of 4 years expertise in relevant IT security domain.</li> <li>iv. Experience in Information and Network Security including security &amp; penetration testing, application, OS, Firewall and network troubleshooting, tuning, testing, and upgrading</li> </ul> <p><b>4. Staff Experience for System Support and Maintenance</b></p> <p>The bidder shall provide at least five (5) onsite resources during support and maintenance period of thirty six (36) months. The support team shall consist of a Project coordinator and the support executive team.</p> <p><i>Refer to Addendum No. 3 Item 6.</i></p>
7.	<p>Section VI. Technical Requirements, 1.3 Expected Output/Deliverables, Page 215; iii. Updated cadastre map a. Is vendor expected to create the updated cadastral map?</p>	<p><b>No;</b> the vendor shall be required to provide the system that shall aid KCCA staff to update the cadastral Map.</p>

8.	<p><b>Section VI Technical Requirements Page 231 and 232.</b></p> <p>The spatial cadastral polygon datasets obtained through the digitizing of the lands registry should be stored in a database that supports spatial data e.g. Oracle or MS SQL Server.</p> <p>The proposed solution must be built upon a commercially available, SQL compliant, off-the shelf database product which integrates with GIS applications. Can vendor use open source solution to develop expected functionalities?</p>	<p><b>Yes;</b> the vendor shall use open source technology.</p> <p><b>Amended</b>  <b>Section VI Technical Requirements; Page 231 and 232.</b></p> <p><b>Replace</b></p> <p>vii. The spatial cadastral polygon datasets obtained through the digitizing of the lands registry should be stored in a database that supports spatial data e.g. Oracle or MS SQL Server.</p> <p>ix. The proposed solution must be built upon a commercially available, SQL compliant, off-the shelf database product with integrates with GIS applications</p> <p><b>With</b></p> <p>vii. The spatial cadastral polygon datasets obtained through the digitizing of the lands registry should be stored in a database that supports spatial data and Open Database Connectivity.</p> <p>ix. The proposed solution shall be based on the database system that supports Open Database Connectivity, SQL compliancy, off-the shelf database which integrates with GIS applications.</p> <p><i>Refer to Addendum No. 3 Item 7.</i></p>
9.	Section VI Technical Requirements; 3.2 System Software and System-Management Utilities: (page 225).	<b>Amended</b>

		<p>Section VI Technical Requirements; 3.2 System Software and System-Management Utilities: (page 225).</p> <p><b>Replace</b> The vendor should consider a cost viable solution in the long term. Where necessary the purchaser encourages use of open source technologies. For all commercial licenses, the vendor should indicate the duration.</p> <p><b>With</b> The vendor shall be required to use open source technologies and for the case of the database system, it shall support Open Database Connectivity. The vendor shall indicate the duration of any commercial licenses if applicable.</p> <p><i>Refer to Addendum No. 3 Item 8.</i></p>
10.	<p>Section I. Instructions to Bidders, Clause 5 (d) page 6 We request the purchaser to consider the bidder (including their Group, global affiliates) to provide evidence of the consolidated average annual turnover of at least USD \$9 Million over the past three years from 2016-2014 to allow competitive bidding.</p>	<p>The consolidated average annual turnover that shall be considered is for the bidder but not its global affiliates or group.</p> <p><b>Amended</b> Section I. Instructions to Bidders, ITB 6.1(a) (2), to read as “The bidder shall have consolidated average annual turnover of at least USD \$5.2 Million over the past three years from 2014, 2015 and 2016. This shall ensure smooth success of the project. It shall be verifiable from the submitted audited financial accounts.” <i>Refer to Addendum No. 3 Item 9.</i></p>
11.	<p>Section VI. Technical Requirements, v. 3D GIS, Page 234. v. 3D GIS</p>	<p><b>Amended</b> Section VI. Technical Requirements, v. 3D GIS, Page 234.</p> <p><b>Insert</b></p>

	<p>3D GIS enables users to view and analyze data in detail and precision that cannot be achieved in 2D. 3D allows real world views.</p> <p>Kindly elaborate on 3D data and its format to be made compatible with thee solution</p>	<p>KCCA shall provide oblique image and the vendor shall be required to provide the solution with the ability to interpret it.</p> <p><i>Refer to Addendum No. 3 Item 10.</i></p>
12.	<p>Section VI Technical Requirements page 237</p> <p>The 3D GIS should allow shadow and sunlight analysis.</p>	<p><b>Amended</b> Section VI Technical Requirements page 237</p> <p><b>Delete</b></p> <p>g. The 3D GIS should allow shadow and sunlight analysis. It should include a mechanism that will illustrate sunlight in different times of the day, including the shadow effect.</p> <p><i>Refer to Addendum No. 3 Item 11.</i></p>
13.	<p>Section VI. Technical Requirements, 3.12.3 Network of Utilities and Land use Page 236</p> <p>All spatial and attribute data on such facilities should be captured and integrated into the system</p>	<p>Section VI. Technical Requirements, 3.12.3 Network of Utilities and Land use Page 236</p>
	<p>a. Who is expected to capture and collect this attribute data?</p>	<p>KCCA shall provide the data.</p>
	<p>b. Will it be given to 3rd party vendor by KCCA or Bidder is expected to conduct the survey?</p>	<p>KCCA shall conduct the survey and provide the data to the vendor</p>
14.	<p>Page 239; 3.12.5 Traffic Management and Control i. This would enable the Directorate of Engineering and Technical Services (DETS) to effectively manage and</p>	

	control traffic flow in the city. The system should contain an updated database of the road network, traffic lights, traffic signs, and should be able to monitor dynamic data that can alert on potential risks or problems.																
	a. Who will provide the updated database of the road network, traffic lights, and traffic signs, KCCA or Vendor?	KCCA shall conduct the survey and provide the data to the vendor.															
	b. Is vendor expected to survey this data?	No															
	c. Who will provide the dynamic data that can alert on potential risks?	KCCA shall provide the dynamic data.															
	d. Is KCCA would be installing active sensors to capture dynamic data?	Yes.															
15.	<p>Section VI Technical Requirement; R4.4.15 Revenue Simulation and Forecast, Page 249</p> <p>R4.4.15 Revenue Simulation and Forecast: The system shall have models with minimum acceptable accuracy for the revenue forecasting as 95%. Revenue forecasting is NOT generally a part of Revenue Management System. Forecasting is a Business Analytics function and for the forecasting, one has to procure BI tool separately which is a very costly tool.</p> <p>KCCA to give functionality of BI tool that is needed for revenue forecasting. Besides revenue forecast, ensuring minimum accuracy of 95% depends on various data and it has great amount of dependency on KCCA. The bidder</p>	<p><b>Amended</b> Section VI Technical Requirement; R4.4.15 Revenue Simulation and Forecast, Page 249</p> <p><b>Delete</b> Revenue Simulation and Forecast</p> <table border="1"> <tr> <td>i.</td> <td>The system should support a high number of entities to simulate and forecast revenue</td> <td>M</td> </tr> <tr> <td>ii.</td> <td>The system should support non-linear algorithms</td> <td>M</td> </tr> <tr> <td>iii.</td> <td>The system should support a large number of parameters</td> <td>M</td> </tr> <tr> <td>iv.</td> <td>The system should support geo-based parameters</td> <td>M</td> </tr> <tr> <td>v.</td> <td>The system should support multi currencies</td> <td>M</td> </tr> </table>	i.	The system should support a high number of entities to simulate and forecast revenue	M	ii.	The system should support non-linear algorithms	M	iii.	The system should support a large number of parameters	M	iv.	The system should support geo-based parameters	M	v.	The system should support multi currencies	M
i.	The system should support a high number of entities to simulate and forecast revenue	M															
ii.	The system should support non-linear algorithms	M															
iii.	The system should support a large number of parameters	M															
iv.	The system should support geo-based parameters	M															
v.	The system should support multi currencies	M															



will have very limited role in that given KCCA controls the collection of data.

**Replace with**

	<b>Reporting</b>		
<b>49</b>	The system should provide a module for the production of reports in various common specifications.	M	
<b>50</b>	The Reports module will generate Payment reports, indicating all payment data, such as: payer & property, payment type, paid charges, date of payment, and any other stored data field.	M	
<b>51</b>	The Reports module will generate billing reports, indicating all rates & fee charge data, such as: payer & property, charge type, and any other stored data field.	M	
<b>52</b>	The Reports module will generate arrears reports, indicating arrears data such as, payer & property, payer's parish, age of arrears and any other stored data field.	M	

		53	The Reports module will generate Payer or Property Data reports, indicating general data, such as property division, property parish, payer's phone numbers, and any other stored data field.	M					
		54	The Reports module will generate Audit Data and Control reports.	M					
		55	The system should provide a customizable report generator module.	M					
		56	The report generator module will enable the creation of user-specified reports, based on user authorization definitions.	M					
		<p><b>With</b> MIS- Reporting</p>							
		<table border="1"> <tr> <td data-bbox="1048 1121 1146 1197"></td> <td data-bbox="1146 1121 1794 1197" style="text-align: center;"><b>MIS- Reporting</b></td> <td data-bbox="1794 1121 1861 1197"></td> <td data-bbox="1861 1121 2024 1197"></td> </tr> </table>					<b>MIS- Reporting</b>		
	<b>MIS- Reporting</b>								
		49	The system should provide a module for the production of reports in various common specifications.	M					

		<b>50</b>	The Reports module will generate Payment reports, indicating all payment data, such as: payer & property, payment type, paid charges, date of payment, and any other stored data field.	M	
		<b>51</b>	The Reports module will generate billing reports, indicating all rates & fee charge data, such as: payer & property, charge type, and any other stored data field.	M	
		<b>52</b>	The Reports module will generate arrears reports, indicating arrears data such as, payer & property, payer's parish, age of arrears and any other stored data field.	M	
		<b>53</b>	The Reports module will generate Payer or Property Data reports, indicating general data, such as property division, property parish, payer's phone numbers, and any other stored data field.	M	
		<b>54</b>	The Reports module will generate Audit Data and Control reports.	M	

		<b>55</b>	The system should provide a customizable report generator module.	M	
		<b>56</b>	The report generator module will enable the creation of user-specified reports, based on user authorization definitions.	M	
		<b>57</b>	The system shall generate detailed MIS pertaining to properties that are not assessed or not billed.	M	
		<b>58</b>	The system shall generate detailed MIS pertaining to properties where 100 percent payment collection is not received.	M	
		<b>59</b>	The system shall generate detailed MIS for properties where various changes have been implemented by the owner without the required approval.	M	
		<b>60</b>	The system shall generate detailed MIS for properties where various changes have been implemented by the owner after the required approval.	M	

		61	The system shall have the ability to allow the user specify the filters of interested reports from the system data.	M	
		<i>Refer to Addendum No. 3 Item 12.</i>			
16.	Section VI. Technical Requirements; 3.1.1 System Integration, Page 251. eCitie System a. Can we have more information about eCitie System? What are the input output format? Is bulk data import and export possible? In which format? Is that combatable with web based and mobile based solution?	<p><b>Amended</b> Section VI. Technical Requirements; 3.1.1 System Integration, Page 251</p> <p><b>Insert.</b> The bidder's scope shall be limited to integration of the proposed solution with the existing systems by providing Application Programming Interfaces and the purchaser shall provide the required assistance during this integration process.</p>			
17.	Smart permit system a. What are the input output format? Is bulk data import and export possible? In which format? Is that combatable with web based and mobile based solution?	<i>Refer to Addendum No. 3 Item 13.</i>			
18.	I-Roads system: a. What are the input output format? Is bulk data import and export possible? In which format? Is that combatable with web based and mobile based solution?				
19.	Section VI Technical requirements, 4.3.2 User support / hot line, Page 254	<p><b>Amended</b> Section VI Technical requirements, 4.3.2 User support / hot line, Page 254</p>			

	<p>Provide a technical support channel that will be available 24 hours a day, 7 days a week. Kindly confirm whether you need technical support on 24 X 7 X 365 basis as cost of such support will increase considerably</p>	<p><b>Replace</b> <b>4.3.2</b> User support / hot line: The vendor shall provide a toll free contact number to be used by KCCA’s service desk as contact during the warranty period. The toll free hotline or contact number shall also be used during the post warranty support period which will last for 1 year after the warranty period. The vendor shall be expected to give on-site support during this period and facilitate replacement of equipment that may be on warrantee. Vendor shall give detailed descriptions of support activities that they intend to carry out during this period and also provide a technical support channel that will be available 24 hours a day, 7 days a week.</p> <p><b>With</b> <b>4.3.2</b> User support The vendor shall provide onsite centralized support by deploying executive support team composed of five (5) staff during the support period. <i>Refer to Addendum No. 3 Item 14</i></p>
20.	<p>Section VI Technical requirements, 4.3.3 Interfaces with Existing Systems, Page 254</p> <p>Government systems like IFMS, Lands Information System (LIS), eTax etc.</p>	<p><b>Amended</b> Section VI Technical requirements, 4.3.3 Interfaces with Existing Systems, Page 254</p> <p><b>Insert.</b> The bidder’s scope shall be limited to integration of the proposed solution with the existing systems, provide Application Programming Interfaces and</p>

	<p>What are the input output format? Is bulk data import and export possible? In which format? Is that combatable with web based and mobile based solution?</p>	<p>the purchaser shall provide the required assistance in form of the APIs of the existing systems during the integration process.</p> <p><i>Refer to Addendum No. 3 Item 15</i></p>
21.	<p>Annexures 1: Hardware Technical Specifications Page 385  And Annexure 2: GIS Software Technical Specifications, Page 407- 409  In the event that the vendor requires additional equipment for the performance of the function with clear acceptable justification, then he will specify and quote for the same in the bid document.  We are not clear about these clauses and hence kindly confirm :</p> <p>a. Do we have to quote for hardware mentioned in Annexure 1 on page no 389 to 411? Or these are the hardware available with you and we can use it for this Project? Kindly confirm please</p>	<p><b>a. No;</b>  the bidders are not required to quote for the hardware mentioned in Annexures 1: Hardware Technical Specifications from Page 385- 406</p> <p>KCCA has already procured the hardware and it's available for this project and the reason the purchaser provided the specifications of the already procured hardware is for the bidder to propose any additional hardware requirements based on the proposed software and it shall be the responsibility of the purchaser to provide it.</p>
	<p>b. Do you have to quote for GIS Software mentioned on page no 407 to 409 under Annexure 2? Or these are the GIS software available with you and we can use it for this project? Kindly confirm please</p>	<p><b>b. No;</b>  The bidders are not required to quote for GIS software mentioned on page 407 to 409 under annexure 2.  These GIS software are already available with the purchaser and can be used for this project.</p>

22.	<p>Section VI. Technical Requirements, Implementation Schedule Table, Page 277-282</p> <p>Pilot Phase activities for identified Phases. Kindly define which are identified phases?</p>	<p><b>Amended</b> Section VI. Technical Requirements, Implementation Schedule Table, Page 277-282</p> <p>There shall be no Pilot Phase in this project, the proposed project shall have two phases;</p> <ul style="list-style-type: none"> <li>i. Implementation Phase</li> <li>ii. Warranty and Support Phase</li> </ul> <p><i>Refer to response item 27, Project Schedule.</i></p>
23.	<p>Section VI Technical Requirements; E Attachments Page 285</p> <p>RFP has mentioned, Attachment 1 to 6 but it has included Attachment 1: Existing Information Systems / Information Technologies on page no 389 onwards. However, attachment 2 to 6 are NOT mentioned in the RFP. We request to publish Attachment 2 to 6 for our study</p>	<p><b>Amended</b> Section VI Technical Requirements; E Attachments Page 285</p> <p><b>Replace</b></p> <p>Attachment 1. Existing Information Systems / Information Technologies</p> <p>Attachment 2. Site Drawings and Site Survey Information</p> <p>Attachment 3. Sample Reports, Data Entry Forms, Data, Coding Schemes, Etc.</p> <p>Attachement 4. Relevant Legal Codes, Regulations, Etc.</p> <p>Attachment 5. Available Training Facilities</p> <p>Attachment 6. The Purchaser’s Project and Corporate Management Structure</p> <p><b>With</b> Attachment 1. Existing Information Systems / Information Technologies</p>



		Attachment 2. The Purchaser's Project and Corporate Management Structure  <i>Refer to Addendum No. 3 Item 16</i>
24.	<p>Section VII. Sample Forms, 2.1 Preamble, Clause 1, Page 301.</p> <p>The sample forms iv, and V are miss leading and repetitive hence the need to clarify.</p>	<p><b>Amend</b> Section VII. Sample Forms, 2.1 Preamble, Clause 1, Page 301.</p> <p><b>Replace</b></p> <ul style="list-style-type: none"> <li>i. Grand Summary Cost Table</li> <li>ii. Supply and Installation Cost Summary Table</li> <li>iii. Recurrent Cost Summary Table</li> <li>iv. Supply and Installation Cost Sub-Table(s)</li> <li>v. Recurrent Cost Sub-Tables(s)</li> <li>vi. Country of Origin Code Table</li> </ul> <p><b>With</b></p> <ul style="list-style-type: none"> <li>i. Grand Summary Cost Table</li> <li>ii. Supply and Installation Cost Table</li> <li>iii. Recurrent Cost Table</li> <li>iv. Country of Origin Code Table</li> </ul> <p><i>Refer to Addendum No. 3 Item 16</i></p>
25.	<p>Section VII. Sample Forms, page 303-322</p> <p>Clause no 2.3 - Cost summary Headquarter Subsystem Region 1 Branch Offices Subsystems</p>	<p><b>Amended</b> Section VII. Sample Forms, page 303-322The Sample Forms have been modified and replaced with Grand Summary Cost Table, Supply and Installation Cost Table, Recurrent Cost Table and Country of Origin Code Table.</p>

	<p>The given commercial bid format in the RFP has many gray areas such as Headquarter system, region office and branch office. However RFP has stated that the bidder is required to install centralized application and it's not possible to quote in terms of headquarter, regional office and branch offices. Hence we require the purchaser to revisit the commercial bid format.</p>	<p><i>Refer to Addendum No. 3 Annexure 1, Page 24-47</i></p>
<p>26.</p>	<p>Recurrent Cost 2.6 Recurrent Cost Sub-Table, page 319. As we understand, the total Project period is as follows: 18-24 months of Implementation period from the date of contract signing and 18 months of warranty support after Go Live, Kindly confirm the following to allow us estimate the Recurring cost:-</p>	
	<p>a. Operation hours of the Vehicle &amp; Mileage of the Vehicle during the Implementation &amp; During the Warranty support per month, to assess the Driver salary and Fuel usage and Vehicle service costs</p>	<p><b>Amended</b> Section VI. Technical Requirements, 4.3 Other Specifications, 4.3.9 Vehicle for project use, Page 255.</p> <p><b>Delete</b> “4.3.9 Vehicle for project use The Vendor to provide a brand new 4WD station wagon of seating capacity 7 and 5 doors as transport to project team including provision of driver, fuel and servicing for the vehicle. The vehicle will revert to KCCA at the end of the project (specification to be approved by KCCA)”</p> <p><i>Refer to Addendum No. 3 Item 18</i></p>

27.	<p>Section VI. Technical Requirements, Implementation Schedule Table, Page 277 to 282</p> <p>a. Kindly confirm if the schedule provided is only a template and must be amended and updated based on our approach and product implementation plan. I refer to the comment <i>“The desired installation and acceptance dates for all items in Schedule below, the sample line items and table entries will be modified as needed.”</i></p>	<p><b>Amended</b> Section VI. Technical Requirements, Implementation Schedule Table, Page 277 to 282</p> <p><b>Replace”</b> Implementation Schedule Table</p> <p><b>With</b> Project Schedule Table</p> <p><i>Refer to Addendum No. 3 Annexure 2 page 48-53</i></p>
28.	Existing information relating to properties can easily be obtained from the system AND at other place, it is said that information relating to properties cannot be easily obtained since there is no property management system.	KCCA shall do the survey and provide the data to the vendor. The vendor shall migrate the data into the proposed solution and shall also integrate the proposed solution with existing systems of KCCA.
29.	Page 35, ITB Clause 17.3	
	The Bid-Securing Declaration or the Bid Security of a Joint Venture shall be issued in the name of the Joint Venture submitting the bid provided the Joint Venture has legally been constituted, or else it shall be issued in the name of all partners proposed for the Joint Venture in the bid. Sanctions due to a breach of the terms of a Bid- Securing Declaration pursuant to ITB Clause 17.6 will apply to all partners to the Joint Venture	
	a. Instead of both parties issuing a Bid Security can the Prime bidder alone issue the bid security? This impacts Qualification of the bidder’s submission.	No. Bid Security of a Joint Venture shall be issued in the name of the Joint Venture submitting the bid provided the Joint Venture has legally been constituted, or else it shall be issued in the name of all partners proposed for the Joint Venture in the bid. Refer to Instruction to Bidders (ITB) clause 17.3

30.	<p>ITB 19.2 Procedural</p> <p>We've referred to RFP specifying about JV (Joint venture). JV is commonly referred as Consortium &amp; association in certain countries as JV requires approval from government authorities (considering JV is new company formation). Thus we believe KCCA will allow the JV &amp; Consortium formation by bidders for this RFP.</p>	<p>The Bidding document does not provide for Consortium &amp; association. The Bidding document only provides for Joint Venture as per the instruction to bidders under clause 6.2. Bidders shall prepare bids in accordance to the requirements of the Bidding Document.</p>
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**Annexure 1;**

**Amended**

Section VII. Sample Forms, page 303-322

**Replace”**

**2.2 Grand Summary Cost Table**

		<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Foreign Currency A ]</i> Price	<i>[ insert: Foreign Currency B ]</i> Price	<i>[ insert: Foreign Currency C ]</i> Price
1.	Supply and Installation Costs (from Supply and Installation Cost Summary Table)				
2.	Recurrent Costs (from Recurrent Cost Summary Table)				

		<i>[ insert: <b>Local</b> <b>Currency ]</b></i> Price	<i>[ insert: <b>Foreign</b> <b>Currency A ]</b></i> Price	<i>[ insert: <b>Foreign</b> <b>Currency B ]</b></i> Price	<i>[ insert: <b>Foreign</b> <b>Currency C ]</b></i> Price
3.	Grand Totals (to Bid Submission Form)				

Name of Bidder:		
Authorized Signature of Bidder:		

### 2.3 Supply and Installation Cost Summary Table

System or Subsystem number: *[ if a multi-lot procurement, insert: **Subsystem number**; otherwise state “entire System procurement” ]* *[ as necessary for supply, installation, and achieving Operational Acceptance of the System, specify items in the Table below, modifying, deleting, or expanding the sample line items and sample table entries as needed. ]*

Costs MUST reflect prices and rates quoted in accordance with ITB Clauses 14 and 15 (ITB Clauses 27 and 28 in the two-stage SBD).

			Supply & Installation Prices				
			Locally supplied items	Items supplied from outside the Purchaser’s Country			
Line Item No.	Subsystem / Item	Supply and Installation Cost Sub-Table No.	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Foreign Currency A]</i> Price	<i>[ insert: Foreign Currency B]</i> Price	<i>[ insert: Foreign Currency C]</i> Price
0	Project Plan	--	--	--	--	--	--
1	Headquarters Subsystem	1					

		<b>Supply &amp; Installation Prices</b>					
			<b>Locally supplied items</b>	<b>Items supplied from outside the Purchaser's Country</b>			
<b>Line Item No.</b>	<b>Subsystem / Item</b>	<b>Supply and Installation Cost Sub-Table No.</b>	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Foreign Currency A]Price</i>	<i>[ insert: Foreign Currency B]Price</i>	<i>[ insert: Foreign Currency C]Price</i>
1.1	Hardware, LAN & General-Purpose Software	1					
1.2	Database System	1					
1.3	Training	1					
2	Region 1 Branch Offices Subsystems	2					
2.1	Hardware, LAN & General-Purpose Software	2					
2.2	Training	2					



		<b>Supply &amp; Installation Prices</b>					
			<b>Locally supplied items</b>	<b>Items supplied from outside the Purchaser's Country</b>			
<b>Line Item No.</b>	<b>Subsystem / Item</b>	<b>Supply and Installation Cost Sub- Table No.</b>	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Foreign Currency A]Price</i>	<i>[ insert: Foreign Currency B]Price</i>	<i>[ insert: Foreign Currency C]Price</i>
j	Region J Branch Offices Subsystems	j					
j.1	Hardware, LAN & General-Purpose Software	"					
j.2	Subsystem Design and Programming Services						
j.3	Training	"					
:							
k	WAN and integrated database access Subsystems	k					

		<b>Supply &amp; Installation Prices</b>					
		<b>Locally supplied items</b>		<b>Items supplied from outside the Purchaser's Country</b>			
<b>Line Item No.</b>	<b>Subsystem / Item</b>	<b>Supply and Installation Cost Sub-Table No.</b>	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Local Currency ]</i> Price	<i>[ insert: Foreign Currency A]Price</i>	<i>[ insert: Foreign Currency B]Price</i>	<i>[ insert: Foreign Currency C]Price</i>
k.1	WAN	"					
k.2	Database Access Software	"					
k.3	Training	"					
:							
m	Data Conversion Service	m					
SUBTOTALS							
TOTAL (To Grand Summary Table)							

**Note:** - - indicates not applicable. “ indicates repetition of table entry above. Refer to the relevant Supply and Installation Cost Sub-Table for the specific components that constitute each Subsystem or line item in this summary table

Name of Bidder:		
Authorized Signature of Bidder:		

## 2.4 Recurrent Cost Summary Table

System or Subsystem number: *[ if a multi-lot procurement, insert: **Subsystem number**, otherwise state “entire System procurement” ]* *[ as necessary for the operation of the System, specify items in the Table below, modifying the sample line items and sample table entries as needed. ]*

Costs MUST reflect prices and rates quoted in accordance with ITB Clauses 14 and 15 (ITB Clauses 27 and 28 in the two-stage SBD).

Line Item No.	Subsystem / Item	Recurrent Cost Sub-Table No.	<i>[ insert: <b>Local Currency ]</b> Price</i>	<i>[ insert: <b>Foreign Currency A ]</b> Price</i>	<i>[ insert: <b>Foreign Currency B ]</b> Price</i>	<i>[ insert: <b>Foreign Currency C ]</b> Price</i>
z	Recurrent Cost Items					
z.1	Headquarters Recurrent Cost Items	n.1				
z.2	Region 1 Recurrent Cost Items	n.2				
	Subtotals (to Grand Summary Table)					

**Note:** Refer to the relevant Recurrent Cost Sub-Tables for the specific components that constitute the Subsystem or line item in this summary table.

Name of Bidder:		
Authorized Signature of Bidder:		

**2.5 Supply and Installation Cost Sub-Table***[ insert: identifying number ]*

System or Subsystem number: *[ if a multi-lot procurement, insert: **Subsystem number**; otherwise state “entire System procurement” ]*

Line item number: *[ specify: **relevant line item number from the Supply and Installation Cost Summary Table (e.g., 1.1) ]***

*[ as necessary for supply, installation, and achieving Operational Acceptance of the System, specify: **the detailed components and quantities in the Sub-Table below for the line item specified above, modifying the sample components and sample table entries as needed. Repeat the Sub-Table as needed to cover each and every line item in the Supply and Installation Cost Summary Table that requires elaboration. ]***

Prices, rates, and subtotals MUST be quoted in accordance with ITB Clauses 14 and 15 (ITB Clauses 27 and 28 in the two-stage SBD). Unit prices for the same item appearing several times in the table must be identical in amount and currency.

				Unit Prices / Rates					Total Prices				
				Supplied Locally	Supplied from outside the Purchaser’s Country				Supplied Locally	Supplied from outside the Purchaser’s Country			
Component No.	Component Description	Country of Origin Code	Quantity	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>
1.1	Hardware – Finance Department	--	--	--	--	--	--	--					

Component No.	Component Description	Country of Origin Code	Quantity	Unit Prices / Rates					Total Prices				
				Supplied Locally	Supplied from outside the Purchaser's Country				Supplied Locally	Supplied from outside the Purchaser's Country			
				<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>
1.1.1	Supply of Advanced workstations		4										
1.1.2	Standard Workstations		12										
1.1.3	High-speed Laser Printer		1										
1.1.4	Standard-speed Laser Printer		3										
1.1.5	Continuous-feed Printer		3										

Component No.	Component Description	Country of Origin Code	Quantity	Unit Prices / Rates					Total Prices				
				Supplied Locally	Supplied from outside the Purchaser's Country				Supplied Locally	Supplied from outside the Purchaser's Country			
				<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>
1.1.6	Design and Programming Services related to Financial Report												
:1.1.7	Local transport and insurance												
2.	LAN - Headquarters		--	--	--	--	--	--					



Component No.	Component Description	Country of Origin Code	Quantity	Unit Prices / Rates					Total Prices				
				Supplied Locally	Supplied from outside the Purchaser's Country				Supplied Locally	Supplied from outside the Purchaser's Country			
				<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>
2.1	Supply of Wiring Closet Hardware		--	--	--	--	--	--					
2.1.1	Hubs		7										
2.1.2	Punch-down panel		7										
2.1.3	Uninterrupted Power Supply (small)		7										
2.1.4	Lockable Equipment Rack		7										

				Unit Prices / Rates					Total Prices				
				Supplied Locally	Supplied from outside the Purchaser's Country				Supplied Locally	Supplied from outside the Purchaser's Country			
Component No.	Component Description	Country of Origin Code	Quantity	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>
:													
2.2	In-Building Wiring		--	--	--	--	--	--					
2.2.1	Server Room		--	--	--	--	--	--					
2.2.1.1	Dedicated Telephone Lines (data)		2 nodes										
2.2.2	Backbone and Risers (Fiber optic)		28 nodes										
2.2.3	Departmental Wiring		--	--	--	--	--	--					

Component No.	Component Description	Country of Origin Code	Quantity	Unit Prices / Rates					Total Prices				
				Supplied Locally	Supplied from outside the Purchaser's Country				Supplied Locally	Supplied from outside the Purchaser's Country			
				<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>	<i>[ insert: local currency]</i>	<i>[ insert: local currency]</i>	<i>[ insert: foreign currency A ]</i>	<i>[ insert: foreign currency B ]</i>	<i>[ insert: foreign currency C ]</i>
2.2.3.1	Finance Department		40 nodes										
2.3	In-Building Wiring (Goods)		--	--	--	--	--	--					
2.4	Local transport and insurance for Region 1 sites												
3.	Supply of General-Purpose Software	--	--	--	--	--	--	--					

				Unit Prices / Rates					Total Prices				
				Supplied Locally	Supplied from outside the Purchaser's Country				Supplied Locally	Supplied from outside the Purchaser's Country			
Component No.	Component Description	Country of Origin Code	Quantity	[ insert: local currency]	[ insert: local currency]	[ insert: foreign currency A ]	[ insert: foreign currency B ]	[ insert: foreign currency C ]	[ insert: local currency]	[ insert: local currency]	[ insert: foreign currency A ]	[ insert: foreign currency B ]	[ insert: foreign currency C ]
Subtotals (to [ insert: <b>line item</b> ] of Supply and Installation Cost Summary Table)													

**Note:** -- indicates not applicable.

Name of Bidder:		
Authorized Signature of Bidder:		

**2.6 Recurrent Cost Sub-Table***[ insert: identifying number ]*

Lot number: *[ if a multi-lot procurement, insert: lot number, otherwise state “single lot procurement” ]*

Line item number: *[ specify: relevant line item number from the Recurrent Cost Summary Table (e.g., z.1) ]*

Currency: *[ specify: the currency of the Recurrent Costs in which the costs expressed in this Sub-Table are expressed ]*

*[ as necessary for operation of the System, specify: the detailed components and quantities in the Sub-Table below for the line item specified above, modifying the sample components and sample table entries as needed. Repeat the Sub-Table as needed to cover each and every line item in the Recurrent Cost Summary Table that requires elaboration.]*

Costs MUST reflect prices and rates quoted in accordance with ITB Clauses 14 and 15 (ITB Clauses 27 and 28 in the two-stage SBD). Unit prices for the same item appearing several times in the table must be identical in amount and currency.

		Maximum all-inclusive costs (for costs in <i>[ insert: currency ]</i> )						
Component No.	Component	Y1	Y2	Y3	Y4	...	Yn	Sub-total for <i>[ insert: currency ]</i>
1.	Hardware Maintenance	Incl. in Warranty	Incl. in Warranty	Incl. in Warranty				
2.	Software Licenses & Updates	Incl. in Warranty						

		Maximum all-inclusive costs (for costs in [ insert: <b>currency</b> ])						
Component No.	Component	Y1	Y2	Y3	Y4	...	Yn	Sub-total for [ insert: <b>currency</b> ]
2.1	System and General-Purpose Software	Incl. in Warranty						
2.2	Application, Standard and Custom Software	Incl. in Warranty						
3.	Technical Services							
3.1	Sr. Systems Analyst							
3.2	Sr. Programmer							
3.3	Sr. Network Specialist, ..... etc.							
4.	Telecommunications costs [to be detailed]							
5.	[Identify other recurrent costs as may apply]							

		Maximum all-inclusive costs (for costs in [ insert: <b>currency</b> ])						
Component No.	Component	Y1	Y2	Y3	Y4	...	Yn	Sub-total for [ insert: <b>currency</b> ]
	Annual Subtotals:							--
Cumulative Subtotal (to [ insert: <b>currency</b> ] entry for [ insert: <b>line item</b> ] in the Recurrent Cost Summary Table)								

Name of Bidder:		
Authorized Signature of Bidder:		

## 2.7 Country of Origin Code Table

Country of Origin	Country Code		Country of Origin	Country Code		Country of Origin	Country Code



**With**

**2.2 Grand Summary Cost Table**

<b>Grand Summary Cost table</b>						
SN	Description	Locally supplied items	Items supplied from outside the Purchaser's Country			
		Ugandan shilling Price	Ugandan shilling Price	(Foreign Currency A)Price	(Foreign Currency B)Price	(Foreign Currency C)Price
1	Supply and Installation Cost - (from Supply and Installation Cost Table)					
2	Recurrent Costs (from Recurrent Cost Table)					
Grand Totals (to Bid submission form)						
Name of Bidder :						
Authorised Signature of Bidder:						

## 2.3 Supply and Installation Cost Table

System or Subsystem number: [ if a multi-lot procurement, insert: **Subsystem number**; otherwise state “**entire System procurement**” ][ as necessary for supply, installation, and achieving Operational Acceptance of the System, specify items in the Table below, modifying, deleting, or expanding the sample line items and sample table entries as needed. ]

Costs MUST reflect prices and rates quoted in accordance with ITB Clauses 14 and 15 (ITB Clauses 27 and 28 in the two-stage SBD).

<b>Supply and Installation Cost Table</b>						
<b>SN</b>	<b>Description</b>	<b>Supply &amp; Installation Prices</b>				
		<b>Locally supplied items</b>	<b>Items supplied from outside the Purchaser's Country</b>			
		<b>Ugandan shilling Price</b>	<b>Ugandan shilling Price</b>	<b>(Foreign Currency A)Price</b>	<b>(Foreign Currency B)Price</b>	<b>(Foreign Currency C)Price</b>
1	Design, Development and Implementation of The Computer Aided Mass Property Valuation Information System, City Address Model (CAM) & the KCCA Corporate GIS (CAM/CAMPV System) and Integration with existing systems					
2	Training					
3	Data Migration					
<b>Sub Totals (To Grand Summary Cost table)</b>						
<b>Name of Bidder :</b>						
<b>Authorized Signature of Bidder:</b>						

## 2.4 Recurrent Cost Table

System or Subsystem number: [ if a multi-lot procurement, insert: **Subsystem number**, otherwise state “**entire System procurement**” ][ as necessary for the operation of the System, specify items in the Table below, modifying the sample line items and sample table entries as needed. ]

Costs MUST reflect prices and rates quoted in accordance with ITB Clauses 14 and 15 (ITB Clauses 27 and 28 in the two-stage SBD).

Recurrent Cost Table						
SN	Description	Maintenance Cost for a period of three years				
		Locally supplied items	Items supplied from outside the Purchaser's Country			
		Ugandan shilling Price	Ugandan shilling Price	(Foreign Currency A)Price	(Foreign Currency B)Price	(Foreign Currency C)Price
1	Support cost for System Software, database					
1.1						
1.2						
1.3						
2	Annual Support cost for the Integrated Computer Aided Mass Property Valuation Information System, City Address Model (CAM) & the KCCA Corporate GIS (CAM/CAMPV System)					
2.1	Year 1					
2.2	Year 2					
2.3	Year 3					
3	Deployment of Support Team (Five) onsite resources					
3.1	Year 1					
3.2	Year 2					
3.3	Year 3					
4	Any other items					

4.1	.....					
4.2	.....					
4.3	.....					
<b>Sub Totals (To Grand Summary Cost table)</b>						
	<b>Name of Bidder :</b>					
	<b>Authorised Signature of Bidder:</b>					

## 2.5 Country of Origin Code Table

Country of Origin	Country Code		Country of Origin	Country Code		Country of Origin	Country Code

## Annexure 2; Project Schedule Table

Amended

Section VI. Technical Requirements, Implementation Schedule Table, Page 277 to 282

Replace”

### Implementation Schedule Table

System, Subsystem, or lot number: *Entire System procurement*

*The desired installation and acceptance dates for all items in Schedule below, the sample line items and table entries will be modified as needed.*

Activities	Calendar Months															Person Months (per stage)	Remarks
	<b>PREPARE INCEPTION REPORT</b>																
	M1-2	M3-4	M4-5	M5-6	M7-8	M9-10	M11-12	M13-14	M15-16	M17-18	M18-19	M20-21	M22-24				
Review and Documentation of agreed processes, procedures, non-functionalities, technologies and approaches required to complete the assignment.	x													2	Output is the Inception report that includes a project schedule, implementation methodology, approach for the consultancy and list of requirements for the solution, Gap analysis report, Test plan, Monitoring and Evaluation Plan, Quality Assurance Plan, Risk Analysis Plan and Deployment plan.		
Agreed project schedule including the required staffing,	X													2	Project schedule including the required staffing, level of effort and reporting periods.		

level of effort and reporting periods.															
Review existing collaboration systems in order to identify gaps		x												3	Gap analysis report to be used for planning deployment
Development of deployment plan for the CAMPV System								X						1	Deployment plan the CAMCAMPV system
Develop the test plan							x							2	
<b>SETUP, CONFIGURE, DEPLOY AND TEST THE SOLUTION IN THE PURCHASER DATA CENTER</b>															
Backup user information								x							A fully functional CAMCAMPV system deployed
Develop Configure, installation, data migration and integrate all the identified software and hardware required for the solution according to approved test plan		x	x	x	x	x	x	x						14	A fully signed acceptance test report.

Carry out System and User Acceptance Tests									x	x							3	UAT plan in Word /Excel /PDF format				
Prepare a test report and fix all problems									x	x						x	2	Test report				
<b>TRAIN THE PURCHASER TECHNICAL TEAM</b>																						
Prepare training Plan, manuals and user guides for the solution																		x	1	Training plan, System administrator manual(s) and User(s) guide in electronic format and physical format.		
Conduct technical training sessions and prepare reports																		x	2	Training report		
<b>PILOT PHASE ACTIVITIES FOR IDENTIFIED PHASES</b>																						
Carry out CAMCAMPV workstation installation and configuration																			x	x	4	A fully functional CAMCAMPV with all functional modules.
Carry out onsite user acceptance tests (UATs) and quality assurance tests																			x	x	2	UAT plan in Word /Excel /PDF format



Provide onsite standby support on the first business day after the CAMCAMPV system is brought into service										x	x	x			x	8	onsite standby support to end-users provided	
<b>TRAINING OF USERS</b>																		
Prepare a training plan for users, manuals and user guides for the solution																	2	Training plan, System administrator manual(s) and User(s) guide in electronic format or physical format.
Conduct training sessions for Training of Trainers (TOT)										x	x						3	Training report

**With**

**Project Schedule Table**

System, Subsystem, or lot number: *Entire System procurement*

The overall project schedule shall be 54 months from the date of signing the contract. This project schedule shall be divided into three phases;

Implementation Phase, Warranty and Support Phase. The broad timeline for the phases are as described in the table below and the bidder shall modify as needed depending on the proposed implementation methodology. The bidder shall be required to provide a detailed project schedule along with the deliverables in the proposal. However the bidder shall ensure that the overall project timelines mentioned below are met.

<b>Implementation Phase (18) months</b>	
<b>Time Line</b>	<b>Milestone</b>
<b>T0</b>	<b>Contract Signing</b>
<b>T0+1 Month</b>	<b>Submission of project plan and Inception Report</b>
<b>T0+2 Months</b>	<b>Submission of SRS and SDS</b>
<b>T0+10 Months</b>	<b>Development, Implementation and Integration of the proposed solution with the existing systems.</b>
<b>T0+12 Months</b>	<b>Technical and User Training</b>
<b>T0+13 Months</b>	<b>Data Migration</b>
<b>T0+15 Months</b>	<b>User Acceptance Testing</b>
<b>T0+ 18 Months</b>	<b>System Go Live/ Operational Acceptance of the solution</b>
<b>Warranty and Support Period (36) Months from the Date of Go-Live/ Operational Acceptance of the Solution</b>	

Denis Adoko Abongo

**For: HEAD, PROCUREMENT & DISPOSAL UNIT**