



Kampala Capital City Authority

ADDENDUM # 3

FOR 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

ALL BIDDERS

This is to issue Addendum Number 3 to the bid document clarifying on the queries raised by some bidders

S/N	Reference to bidding document	Amendment
1.	Section IV. General Conditions of Contract, Under ITB 6.1 (a) 1, ii.	Section IV. General Conditions of Contract, ITB 6.1 (a) 1, ii. Page 62 Replace ” 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 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>With</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>
2.	Section IV. General Conditions of Contract, ITB 6.1 (a) , Page 64	<p>Section IV. General Conditions of Contract, ITB 6.1 (a) , Clause no 3.5.2, Page 64</p> <p>Delete</p> <p>“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>
3	Section IV. General Conditions of Contract, Clause no 39.1.5, Page 165	<p>Section 3.2 “System Software and System-Management Utilities”</p> <p>Replace</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>With</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 considered after operational acceptance of the system and shall be treated under change request process.”</p>

4	Section V. Special Conditions of Contract, Clause no 9, Page 192	<p>Section V. Special Conditions of Contract, Clause no 9, Page 192</p> <p>Replace</p> <p>“</p> <p>4. Fixing of issues during pilot phase:</p> <p>“</p> <p>With</p> <p>“</p> <p>4. Fixing of issues during Implementation and Support period:</p> <p>“</p>
5	Section V. Special Conditions of Contract, Clause no. GCC 29.4, Page 207	<p>Section V. Special Conditions of Contract, Clause no. GCC 29.4, Page 207</p> <p>Replace</p> <p>The Warranty Period (N) shall begin from the date of Operational Acceptance of the System or Subsystem and extend for 36 months</p> <p>With</p> <p>“The implementation period for the project shall be eighteen (18) months from the date of signing the contract with the bidder. After operational acceptance (Go-Live) of the system, the system shall be under warranty and support for the period of thirty six (36) months.”</p>
6	Section IV. General Conditions of Contract, ITB 6.1 a) 3. Page 64-69.	<p>Replace</p> <p>3. Staff experience</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>a) 1 Project Manager;</p> <ul style="list-style-type: none"> i. At least 12 years of project management experience, in projects of similar nature / scope and complexity. ii. Should have managed a successful implementation of at least 2 public Computer Aided Mass Property Valuation and

		<p>Management system (CAMPV) integrated with a Corporate GIS and City Address Model.</p> <ul style="list-style-type: none"> iii. A Master's degree in business administration or related field is required. iv. Relevant qualification in project planning and management from PMI is required. v. Preferably a current membership to a relevant professional body. vi. Good understanding of standard I.T change management processes, <p>b) 1 GIS / Remote Sensing expert</p> <ul style="list-style-type: none"> i. At least 8 years' experience of a similar nature / scope preferably in developing countries. 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. iii. A master's degree in GIS and remote sensing or a similar field is required. <p>c) 2 Systems Auditor</p> <ul style="list-style-type: none"> i. The systems auditor(s) should have a minimum of 8 years' experience in auditing similar projects. ii. Masters in Computer Science or equivalent. <p>d) 1 Revenue Expert</p> <ul style="list-style-type: none"> i. 5 years' experience (minimum of 4 years on contracts of a similar nature), ii. Master's degree in business management/administration/finance, ACCA Certified <p>e) 1 Monitoring and Evaluation Expert</p> <ul style="list-style-type: none"> i. Experience of at least 8 years' in Monitoring & Evaluation of projects of similar scope. ii. A Masters degree in business administration or related field is required.
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		<ul style="list-style-type: none"> iii. Preferably a current membership to a relevant professional body. iv. Demonstrated experience in IT system monitoring and evaluation, report writing and issue documentation. v. Knowledge of the proposed solution and methodology will be an added advantage. <p>f) 1 Professional Valuer</p> <ul style="list-style-type: none"> i. The valuer should have at least seven (7) years' experience in property tax valuations. 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). iii. Demonstrate experience in developing Computer Aided Mass Properties Valuation with at least 3 contracts of a similar nature. iv. The valuer, as a minimum should have a bachelors degree in Land Economics, Valuation. v. Should have membership of a recognized professional valuation body, institute or organization. <p>g) 1 IT specialist</p> <ul style="list-style-type: none"> i. 8 years of experience in IT (minimum of 6 years in projects of a similar nature) ii. A master's degree in information technology, Computer science, business administration, computer engineering or other relevant fields iii. A Bachelor's degree in Information Technology, Computer Science, Computer Engineering or other related fields. 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 v. Experience in the implementation and integration of large scale enterprise applications. vi. Demonstrated expertise in design and development of at least six (6) years of experience in the Bidder's proposed solution.
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		<p>vii. Relevant Certification for the proposed solution will be required.</p> <p><i>h) 5 IT Programmer(s)</i></p> <p>i. A Bachelor's degree in Information Technology, Computer Science, Computer Engineering or other related fields</p> <p>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</p> <p>iii. Advanced programming techniques, application and systems design using at least three (3) programming languages for a minimum of three (3) years.</p> <p>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.</p> <p>v. An understanding of how web and mobile applications work including security, session management, and best development practices.</p> <p>vi. Demonstrated expertise and at least one year of experience in the Bidder's proposed solution.</p> <p>vii. Relevant Certification for the proposed solution will be required.</p> <p><i>i) 5 Database administrators</i></p> <p>i. At least 5 years' experience managing enterprise level database technologies.</p> <p>ii. Relevant Professional Certification in database administration will be required.</p> <p>iii. Sound knowledge of application and database security</p> <p>iv. Skills to develop and deploy database reports, customization scripts/programs</p> <p>v. good command of enterprise database scripting language</p> <p>vi. Expert knowledge of proposed solution and its database components.</p>
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		<p>vii. Knowledge of high availability technologies, modern data protection and recovery techniques for the proposed solution.</p> <p>j) 4 Systems Administrators required for system setup and training</p> <ul style="list-style-type: none"> i. Minimum of a Degree in IT or related field ii. expertise in the Bidder's proposed operating environment and platform iii. At least 5 years' experience in managing large enterprise level systems. iv. Relevant Professional Certification in systems administration will be required. v. Sound knowledge of application and systems security vi. Knowledge of high availability technologies, modern data protection and recovery techniques for the proposed solution. <p>k) 3 Systems Architects</p> <ul style="list-style-type: none"> i. 6 years of experience in designing systems technical documents (3 years of projects with GIS) ii. A master's degree in information technology, Computer science, business administration, computer engineering or other relevant fields iii. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields 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 v. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of two (4) years. 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.
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		<ul style="list-style-type: none"> vii. An understanding of how web and mobile applications work including security, session management, and best development practices. viii. Demonstrated expertise and at least six (6) years of experience in the Bidder's proposed solution. ix. Relevant Certification for the proposed solution will be required. <p><i>l) 5 Business Analysts</i></p> <ul style="list-style-type: none"> i. 6 years of experience in business process analysis and management (3 years of projects with GIS) ii. A master's degree in information technology, Computer science, business administration, computer engineering or other relevant fields iii. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields 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 v. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of two (4) years. 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. vii. An understanding of how web and mobile applications work including security, session management, and best development practices. viii. Demonstrated expertise and at least six (6) years of experience in the Bidder's proposed solution. ix. Relevant Certification for the proposed solution will be required. <p><i>m) 3 IT Hardware and Network Engineers</i></p> <ul style="list-style-type: none"> i. More than 6 years' experience in installing specified equipment
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		<p>ii. International network and hardware Certifications in the relevant fields like CCNP and CCIE</p> <p><i>n) 4 Trainers</i></p> <p>i. More than 6 years' experience conducting product training for similar implementation including training of trainers.</p> <p>ii. Experience in developing training curriculum for various types of training taking into account client's processes and preferences</p> <p>iii. Experience in conduct a training needs assessment and creating a custom training that is unique to the needs identified</p> <p>iv. Experience in conducting post training feedback and developing a re-training roadmap</p> <p>v. Masters' in Business Administration and Management or equivalent, professional certificate from accredited institute.</p> <p><i>o) 2 Systems Security Experts</i></p> <p>i. Should have Bachelor's degree in Computer Science or related field</p> <p>ii. Should have Professional Certification: CISSP or any related security certification</p> <p>iii. Should have experience of 4 years expertise in design and implementation of similar proposed solutions.</p> <p>iv. Experience in Information and Network Security including security & penetration testing, application, OS, Firewall and network troubleshooting, tuning, testing, and upgrading</p> <p>With</p> <p>3. Staff Experience for System Implementation</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> <p>i. At least 12 years of project management experience, in projects of similar nature / scope and complexity.</p>
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		<ul style="list-style-type: none"> 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. iii. A Master's degree in business administration or related field is required. iv. Relevant qualification in project planning and management from PMI is required. v. Preferably a current membership to a relevant professional body. vi. Good understanding of standard I.T change management processes, <p>b) Expertise; GIS / Remote Sensing Experience/ Qualification;</p> <ul style="list-style-type: none"> i. At least 8 years' experience of a similar nature / scope preferably in developing countries. 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. iii. A master's degree in GIS and remote sensing or a similar field is required. <p>c) Expertise; Systems Auditing. Experience/ Qualifications</p> <ul style="list-style-type: none"> i. The systems auditor(s) shall have a minimum of 8 years' experience in auditing similar projects. ii. Masters in Computer Science or equivalent. <p>d) Expertise; Revenue Collection Experience/ Qualifications.</p> <ul style="list-style-type: none"> i. The revenue collector shall have a minimum of 5 years' experience in collection of revenue in the public sector. ii. Master's degree in business management/administration/finance, ACCA Certified or equivalent.
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		<p><i>e) Expertise; Monitoring and Evaluation Experience/ Qualification.</i></p> <ul style="list-style-type: none"> i. Experience of at least 8 years’ in Monitoring & Evaluation of projects of similar scope. ii. A Masters degree in business administration or related field is required. iii. Preferably a current membership to a relevant professional body. iv. Demonstrated experience in IT system monitoring and evaluation, report writing and issue documentation. v. Knowledge of the proposed solution and methodology will be an added advantage. <p><i>f) Expertise; professional Valuation Experience/ Qualification</i></p> <ul style="list-style-type: none"> i. The valuer shall have at least seven (7) years’ experience in property tax valuations. 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). iii. Demonstrate experience in developing Computer Aided Mass Properties Valuation with at least 3 contracts of a similar nature. iv. The valuer, as a minimum should have a bachelors degree in Land Economics, Valuation. v. The valuer shall be a registered member of a recognized professional valuation body, institute or organization in Uganda. <p><i>g) Expertise; Software development Experience/ Qualification</i></p> <ul style="list-style-type: none"> i. A Bachelor’s degree in Information Technology, Computer Science, Computer Engineering or other related fields 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
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		<ul style="list-style-type: none"> iii. Advanced programming techniques, application and systems design using at least three (3) programming languages for a minimum of three (3) years. 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. v. An understanding of how web and mobile applications work including security, session management, and best development practices. vi. Demonstrated expertise and at least one year of experience in the Bidder's proposed solution. vii. Relevant Certification for the proposed solution will be required. <p><i>h) Expertise; Database Design and Development Experience/ Qualification</i></p> <ul style="list-style-type: none"> i. At least 5 years' experience managing enterprise level database technologies. ii. Relevant Professional Certification in database administration will be required. iii. Sound knowledge of application and database security iv. Skills to develop and deploy database reports, customization scripts/programs v. good command of enterprise database scripting language vi. Expert knowledge of proposed database components. vii. Knowledge of high availability technologies, modern data protection and recovery techniques. <p><i>i) Expertise; Systems Administration Experience/ Qualification</i></p> <ul style="list-style-type: none"> i. Minimum of a Degree in IT or related field ii. expertise in the Bidder's proposed operating environment and platform iii. At least 5 years' experience in managing large enterprise level systems. iv. Relevant Professional Certification in systems administration will be required.
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		<ul style="list-style-type: none"> v. Sound knowledge of application and systems security vi. Knowledge of high availability technologies, modern data protection and recovery techniques. <p>j) Expertise; Systems Architect Experience/ Qualification</p> <ul style="list-style-type: none"> i. 6 years of experience in designing systems technical documents. ii. A bachelors' degree in information technology, Computer science, computer engineering or other relevant fields 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 iv. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of two (4) years. 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. vi. An understanding of how web and mobile applications work including security, session management, and best development practices. vii. Demonstrated expertise and at least six (6) years of experience in the relevant technology. <p>k) Expertise; Business Analysis Experience/ Qualification</p> <ul style="list-style-type: none"> i. 6 years of experience in business process analysis and management. ii. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields 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
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		<p>should have involved significant software customization and integration with other external systems</p> <ul style="list-style-type: none"> iv. Advanced programming techniques, application and systems design using at least two (2) programming languages for a minimum of four (4) years. 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. vi. An understanding of how web and mobile applications work including security, session management, and best development practices. <p><i>l) Expertise; IT Hardware and Network Experience/ Qualification</i></p> <ul style="list-style-type: none"> i. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields ii. More than 6 years' experience in installing specified equipment iii. International network and hardware Certifications in the relevant fields. <p><i>m) Expertise; Knowledge Transfer and Capacity Building Experience/ Qualification</i></p> <ul style="list-style-type: none"> i. More than 6 years' experience conducting product training for similar implementation including training of trainers. ii. Experience in developing training curriculum for various types of training taking into account client's processes and preferences iii. Experience in conduct a training needs assessment and creating a custom training that is unique to the needs identified iv. Experience in conducting post training feedback and developing a re-training roadmap v. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields <p><i>n) Expertise; Systems Security Experience/ Qualification</i></p>
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		<ul style="list-style-type: none"> i. A bachelor's degree in information technology, Computer science, business administration, computer engineering or other relevant fields ii. Should have relevant systems security Professional Certification. iii. Should have experience of 4 years expertise in relevant IT security domain. iv. Experience in Information and Network Security including security & penetration testing, application, OS, Firewall and network troubleshooting, tuning, testing, and upgrading <p>4. Staff Experience for System Support and Maintenance</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>
7	Section VI Technical Requirements; Page 231 and 232.	<p>Section VI Technical Requirements; Page 231 and 232.</p> <p>Replace</p> <ul style="list-style-type: none"> 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. ix. The proposed solution must be built upon a commercially available, SQL compliant, off-the shelf database product with integrates with GIS applications <p>With</p> <ul style="list-style-type: none"> 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. 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><i>Refer to Addendum No. 3 Item 7.</i></p>

8	Section VI Technical Requirements; 3.2 System Software and System-Management Utilities: (page 225).	<p>Amended</p> <p>Section VI Technical Requirements; 3.2 System Software and System-Management Utilities: (page 225).</p> <p>Replace</p> <p>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>With</p> <p>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>
9	Section I. Instructions to Bidders, Clause 5 (d) page 6	Amended 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.”
10	Section VI Technical Requirements Page 231 point vii	<p>Section VI. Technical Requirements, v. 3D GIS, Page 234.</p> <p>Insert</p> <p>KCCA shall provide oblique image and the vendor shall be required to provide the solution with the ability to interpret it.</p>
11	Section VI Technical Requirements page 237	<p>Section VI Technical Requirements page 237</p> <p>Delete</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>

12	Section VI Technical Requirement; R4.4.15 Revenue Simulation and Forecast, Page 249	Section VI Technical Requirement; R4.4.15 Revenue Simulation and Forecast, Page 249			
		Delete			
		Revenue Simulation and Forecast			
		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	
		Replace			
			Reporting		
		49.	The system should provide a module for the production of reports in various common specifications.	M	
		50.	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	
		51.	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	
		52.	The Reports module will generate arrears reports, indicating arrears data such as,	M	

			payer & property, payer's parish, age of arrears and any other stored data field.			
		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		
		With MIS- Reporting				
			MIS- Reporting			
		49.	The system should provide a module for the production of reports in various common specifications.	M		
		50.	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		

		51.	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	
		52.	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	
		57.	The system shall generate detailed MIS pertaining to properties that are not assessed or not billed.	M	
		58.	The system shall generate detailed MIS pertaining to properties where 100 percent payment collection is not received.	M	

		59.	The system shall generate detailed MIS for properties where various changes have been implemented by the owner without the required approval.	M	
		60.	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	
13	Section VI. Technical Requirements; 3.1.1 System Integration, Page 251	Section VI. Technical Requirements; 3.1.1 System Integration, Page 251 Insert 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 the integration process.			
14	Section VI Technical requirements, 4.3.2 User support / hot line, Page 254	Section VI Technical requirements, 4.3.2 User support / hot line, Page 254 Replace 4.3.2 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			

		<p>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>With 4.3.2 User support The vendor shall provide onsite centralized support by deploying executive support team composed of five (5) staff during the support period.</p>
15	Section VI Technical requirements, 4.3.3 Interfaces with Existing Systems, Page 254	<p>Section VI Technical requirements, 4.3.3 Interfaces with Existing Systems, Page 254</p> <p>Insert. The bidder's scope shall be limited to integration of the proposed solution with the existing systems, provide Application Programming Interfaces and the purchaser shall provide the required assistance in form of the APIs of the existing systems during the integration process.</p>
16	Section VI Technical Requirements; E Attachments Page 285	<p>Section VI Technical Requirements; E Attachments Page 285</p> <p>Replace 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>Attachment 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>With Attachment 1. Existing Information Systems / Information Technologies</p>

		Attachment 2. The Purchaser's Project and Corporate Management Structure
17	Section VII. Sample Forms, 2.1 Preamble, Clause 1, Page 301.	<p>Section VII. Sample Forms, 2.1 Preamble, Clause 1, Page 301.</p> <p>Replace</p> <ul style="list-style-type: none"> i. Grand Summary Cost Table ii. Supply and Installation Cost Summary Table iii. Recurrent Cost Summary Table iv. Supply and Installation Cost Sub-Table(s) v. Recurrent Cost Sub-Tables(s) vi. Country of Origin Code Table <p>With</p> <ul style="list-style-type: none"> i. Grand Summary Cost Table ii. Supply and Installation Cost Table iii. Recurrent Cost Table iv. Country of Origin Code Table
18	Section VII. Sample Forms, page 303-322	<p>Section VII. Sample Forms, page 303-322</p> <p>Replace</p> <ul style="list-style-type: none"> vii. Grand Summary Cost Table viii. Supply and Installation Cost Summary Table ix. Recurrent Cost Summary Table x. Supply and Installation Cost Sub-Table(s) xi. Recurrent Cost Sub-Tables(s) xii. Country of Origin Code Table <p>With</p> <ul style="list-style-type: none"> i. Grand Summary Cost Table ii. Supply and Installation Cost Table iii. Recurrent Cost Table iv. Country of Origin Code Table <p><i>Refer to Addendum No. 3 Annexure 1, Page 24-47</i></p>
19	Section VI. Technical Requirements, 4.3 Other Specifications,	<p>Amended</p> <p>Section VI. Technical Requirements, 4.3 Other Specifications, 4.3.9 Vehicle for project use, Page 255.</p> <p>Delete</p>

	4.3.9 Vehicle for project use, Page 255.	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)
20	Section VI. Technical Requirements, Implementation Schedule Table, Page 277 to 282	Section VI. Technical Requirements, Implementation Schedule Table, Page 277 to 282 Replace” Implementation Schedule Table With Project Schedule Table <i>Refer to Addendum No. 3 Annexure 2 page 48-53</i>

Annexure 1;

Amended

Section VII. Sample Forms, page 303-322

Replace”

2.2 Grand Summary Cost Table

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

		<i>[insert: Local Currency] Price</i>	<i>[insert: Foreign Currency A] Price</i>	<i>[insert: Foreign Currency B] Price</i>	<i>[insert: Foreign Currency C] Price</i>
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.	[insert: <i>Local Currency</i>] Price	[insert: <i>Local Currency</i>] Price	[insert: <i>Foreign Currency A</i>] Price	[insert: <i>Foreign Currency B</i>] Price	[insert: <i>Foreign Currency C</i>] Price
0	Project Plan	--	--	--	--	--	--
1	Headquarters Subsystem	1					
1.1	Hardware, LAN & General-Purpose Software	1					
1.2	Database System	1					

			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.	[insert: <i>Local Currency</i>] Price	[insert: <i>Local Currency</i>] Price	[insert: <i>Foreign Currency</i> A/Price	[insert: <i>Foreign Currency</i> B/Price	[insert: <i>Foreign Currency</i> C/Price
1.3	Training	1					
2	Region 1 Branch Offices Subsystems	2					
2.1	Hardware, LAN & General-Purpose Software	2					
2.2	Training	2					
j	Region J Branch Offices Subsystems	j					
j.1	Hardware, LAN & General-Purpose Software	“					
j.2	Subsystem Design and Programming Services						

			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/Price</i>	<i>[insert: Foreign Currency B/Price</i>	<i>[insert: Foreign Currency C/Price</i>
j.3	Training	“					
:							
k	WAN and integrated database access Subsystems	k					
k.1	WAN	“					
k.2	Database Access Software	“					
k.3	Training	“					
:							
m	Data Conversion Service	m					
SUBTOTALS							

			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/Price</i>	<i>[insert: Foreign Currency B/Price</i>	<i>[insert: Foreign Currency C/Price</i>
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.	[insert: Local Currency] Price	[insert: Foreign Currency A] Price	[insert: Foreign Currency B] Price	[insert: Foreign Currency C] Price
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	Quan- tity	^[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]
1.1	Hardware – Finance Department	--	--	--	--	--	--	--					
1.1.1	Supply of Advanced workstations		4										

				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>
1.1.2	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										

				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]
1.1.6	Design and Programming Services related to Financial Report												
:1.1.7	Local transport and insurance												
2.	LAN - Headquarters		--	--	--	--	--	--					
2.1	Supply of Wiring Closet Hardware		--	--	--	--	--	--					

				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>
2.1.1	Hubs		7										
2.1.2	Punch-down panel		7										
2.1.3	Uninterrupted Power Supply (small)		7										
2.1.4	Lockable Equipment Rack		7										
:													
2.2	In-Building Wiring		--	--	--	--	--	--					
2.2.1	Server Room		--	--	--	--	--	--					

				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]
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		--	--	--	--	--	--					
2.2.3.1	Finance Department		40 nodes										
2.3	In-Building Wiring (Goods)		--	--	--	--	--	--					

				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]
2.4	Local transport and insurance for Region 1 sites												
3.	Supply of General-Purpose Software	--	--	--	--	--	--	--					
Subtotals (to [insert: line item] of Supply and Installation Cost Summary Table)													

Note: -- indicates not applicable.

Name of Bidder:		

Authorized Signature of Bidder:		
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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 ^[insert: currency])						
Component No.	Component	Y1	Y2	Y3	Y4	...	Yn	Sub-total for ^[insert: currency]
1.	Hardware Maintenance	Incl. in Warranty	Incl. in Warranty	Incl. in Warranty				
2.	Software Licenses & Updates	Incl. in Warranty						
2.1	System and General-Purpose Software	Incl. in Warranty						
2.2	Application, Standard and Custom Software	Incl. in Warranty						

		Maximum all-inclusive costs (for costs in [insert: currency])						
Component No.	Component	Y1	Y2	Y3	Y4	...	Yn	Sub-total for [insert: currency]
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]							
	Annual Subtotals:							- -
Cumulative Subtotal (to [insert: currency] entry for [insert: line item] 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

Grand Summary Cost table						
SN	Description	Locally supplied items	Items supplied from outside the Purchaser's Country			
		Ugandan shilling Price	Ugandan shilling Price	<i>Foreign Currency</i> Price A	<i>Foreign Currency</i> Price B	<i>Foreign Currency</i> Price C
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).

Supply and Installation Cost Table						
SN	Description	Supply & Installation Prices				
		Locally supplied items	Items supplied from outside the Purchaser's Country			
		Ugandan shilling Price	Ugandan shilling Price	Foreign Currency A	Foreign Currency B	Foreign Currency C
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					
Sub Totals (To Grand Summary Cost table)						
	Name of Bidder :					
	Authorized Signature of Bidder:					

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 Price A	Foreign Currency Price B	Foreign Currency Price C
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					
Sub Totals (To Grand Summary Cost table)						
	Name of Bidder :					
	Authorised Signature of Bidder:					

2.5 Country of Origin Code Table

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

Amended

Replace”

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

Activities			Calendar Months															Person Months (per stage)	Remarks	
					PREPARE INCEPTION REPORT															
			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			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,			

approaches required to complete the assignment.															Monitoring and Evaluation Plan, Quality Assurance Plan, Risk Analysis Plan and Deployment plan.
Agreed project schedule including the required staffing, level of effort and reporting periods.	X													2	Project schedule including the required staffing, 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	
															SETUP, CONFIGURE, DEPLOY AND TEST THE SOLUTION IN THE PURCHASER DATA CENTER

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

					TRAIN THE PURCHASER TECHNICAL TEAM											
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
					PILOT PHASE ACTIVITIES FOR IDENTIFIED PHASES											
Carry out CAMCAMPV system 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											x	x	x	x	8	onsite standby support to end-users provided

support on the first business day after the CAMCAMPV system is brought into service																
					TRAINING OF USERS											
Prepare a training plan for users, manuals and user guides for the solution							x							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.

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

NB: All the other details in the bidding document remain unchanged

END OF THE ADDENDUM