

BIDS AND AWARDS COMMITTEE FOR THE INTEGRATED GOVERNMENT PHILIPPINES PROJECT (BAC4IGOV)

Supplemental Bid Bulletin No. 2

Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System

Bid Reference No: BAC4IGOV-2016-05-006

Please be advised of the changes in the schedule of the Submission and Opening of Bids for this project:

Activity	Previous Schedule	Revised Schedule
Submission of Bids	6 June 2016 12 Noon	7 June 2016 12 Noon
Opening of Bids	6 June 22016 3 PM	7 June 2016 1 PM

After considering the queries, clarifications, recommendations and suggestions, the BAC4IGOV hereby decides to include, revise, amend, delete and/or adapt the following provisions:

Item No.	Query	BAC4IGOV's Response
1	For the Single Largest Contract of similar nature, may we request you to consider the "similar in nature" to be redefined as ICT products and services which includes software component (i.e not just software only). For example a project with software only will qualify but a project with software plus infrastructure would also qualify. It is not uncommon that software components are in a bid together with non-software components such as hardware and services. Since this project only requires for the supply, delivery and installation of software components, to require for a project that covers software development may not really be necessary.	The definition of "similar in nature" for the Single Largest Completed Contract will be retained as stated in the issued Supplemental Bid Bulletin No.1—"Software Product and Services".

2	<p>On page 10 of Supplemental Bid Bulletin No. 1, the last line states: "Please refer to Revised Terms of Reference as of 20 May 2016." However, no Terms of Reference is attached. Instead, the Revised Technical Specifications as of 20 May 2016 is attached. Please clarify if the Terms of Reference referred to is the same as the Revised Technical Specifications.</p>	<p>Please refer to the attached Revised Technical Specifications as of 31 May 2016.</p>
3	<p>Some of the amended provisions in Bid bulletin no. 1 have inconsistent numbering and are sometimes repeated in other sections (the repetition creates confusion as to which one is the final desired specification). Please reconcile sequential numberings of items in question under Section VII. Technical Specifications.</p> <p>Inconsistent numbering and comment</p> <p>P 3 of 49, Item 1.4.12 Enterprise IP Geolocation service is commented as "Deleted" when the requirement is not removed but it is actually renumbered and shifted as Item 1.4.10</p> <p>Similar case on items 5.4.1.1.12. This could be confusing but bidder can just follow the amended provision.</p> <p>Repetition and inconsistency</p> <p>P4 of 49 Item 5.4.1.10 on Amended Provisions is "Enterprise IP Geolocation Service" while on p6 of 49 Item 5.4.1.12 is "IP Geolocation Service" while 5.4.1.10 on that page is Application Deployment Model: Microservices. Now, even if we just look at the amended provision column, there is inconsistency for the same item number.</p>	<p>Please refer to the attached Revised Technical Specifications as of 31 May 2016.</p>

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<u>ORIGINAL PROVISION</u>	<u>AMENDED PROVISION</u>
Section III. Bid Data Sheet 13.2.	
<p>The ABC is One Hundred Fifty Two Million Three Hundred Seventy Six Thousand Pesos. Any bid with a financial component exceeding this amount shall not be accepted.</p>	<p>The ABC is One Hundred Fifty Two Million Three Hundred Seventy Six Thousand Pesos <u>(PhP152,376,000.00)</u>. Any bid with a financial component exceeding this amount shall not be accepted.</p>
Section V. Special Conditions of the Contract 41.2.	
<p>Delivery and Documents – For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows: For Goods Supplied from Abroad: The delivery terms applicable to the Contract are DDP delivered Project Site In accordance with INCOTERMS.” For Goods Supplied from Within the Philippines: The delivery terms applicable to this Contract are delivered Project Site. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination. Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are as follows: For Goods supplied from within the Philippines: Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity: (i) Original and four copies of the Supplier’s invoice showing Goods’ description, quantity, unit price, and total amount; (ii) Original and four copies delivery receipt/note, railway receipt, or truck receipt;</p>	<p><u>No further instructions.</u></p>

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- (iii) Original Supplier's factory inspection report;
- (iv) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate;
- (v) Original and four copies of the certificate of origin (for imported Goods);
- (vi) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel;
- (vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and
- (viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site.

For Goods supplied from abroad:

Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by cable the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence:

- (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Original and four copies of the negotiable, clean shipped on board bill of lading marked "freight pre-paid" and five copies of the non-negotiable bill of lading ;
- (iii) Original Supplier's factory inspection report;
- (iv) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate;
- (v) Original and four copies of the certificate of origin (for imported Goods);
- (vi) Delivery receipt detailing number and description of items received signed by the Procuring Entity's representative at the Project Site;
- (vii) Certificate of Acceptance/Inspection Report

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signed by the Procuring Entity's representative at the Project Site; and

(viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is the Property Officer.

Incidental Services –

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements. The following items are required:

1. Performance or supervision of on-site assembly and/or start-up of the supplied Goods;
2. Furnishing of tools required for assembly and/or maintenance of the supplied Goods;
3. Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
4. Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
5. Training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier: The following items are required.

1. Such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
2. In the event of termination of production of

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the spare parts:

- i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
- ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested

The spare parts required are listed in Error! Reference source not found. and the cost thereof are included in the Contract Price

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods for a period of three years.

Other spare parts and components shall be supplied as promptly as possible, but in any case within 36 months of placing the order.

Packaging –

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the GOODS' final destination and the absence of heavy handling facilities at all Point in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity

Name of the Supplier

Contract Description

Final Destination

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Gross weight

Any special lifting instructions

Any special handling instructions

Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

Insurance –

The Goods supplied under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery. The Goods remain at the risk and title of the Supplier until their final acceptance by the Procuring Entity.

Transportation –

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of

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dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure in accordance with GCC Clause 22.

The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP Deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.

Patent Rights –

The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.

Section V. Special Conditions of the Contract

52.3.

In order to assure that the manufacturing defects shall be corrected by the supplier, the warranty period for this project is One Year. The warranty shall cover full replacement of defective items, free of charge, including labor, spare parts and materials.

The obligation for the warranty for each item being bidded shall be covered by a Special Bank Guarantee equivalent to ten percent (10%) of the total price.

The retention of ten percent (10%) will be withheld during the warranty period.

In order to assure that the manufacturing defects shall be corrected by the supplier, the warranty period for this project is One Year. The warranty shall cover full replacement of defective **modules including source codes and revisions to technical manuals and documentations, free of charge, including labor.**

The obligation for the warranty for each item being bidded shall be covered by a Special Bank Guarantee equivalent to ten percent (10%) of the total price.

The retention of ten percent (10%) will be withheld during the warranty period.

Section V. Special Conditions of the Contract

52.4.

The period for correction of defects included in the warranty period is within fifteen (15) calendar days after the receipt of Notice of Defects.

The period for correction of defects included in the warranty period is **within five (5) calendar days** after the receipt of Notice of Defects.

Section VII. Technical Specifications

1.4.7. Development and Runtime Engine: Java	1.4.7. <u>Mobility Platform: Android OS (API 19 and later versions)</u>
1.4.8 Application Deployment Model: Microservices	1.4.8 <u>Enterprise Embedded Data Visualization and BI Engine</u>
1.4.9 External Integration: Web Services (SOAP/REST)	1.4.9 <u>Development and Runtime Engine: Java</u>
1.4.10 Enterprise IP Geolocation Service	1.4.10 <u>Application Deployment Model: Microservices</u>
No Stipulation	<u>1.4.11 External Integration: Web Services (SOAP/REST)</u>
5.1.5.5 Must provide the facility to make real-time changes to form content, layout and design, with the capability to instantly push changes as a standard process;	<u>5.1.5.4.1</u> Must provide the facility to make real-time changes to form content, layout and design, with the capability to instantly push changes as a standard process;
5.1.5.6 Must provide the facility to tailor content to different user groups and departments;	<u>5.1.5.4.2</u> Must provide the facility to tailor content to different user groups and departments;
5.1.5.7 Create, manage, and service notifications such as email, user activity feeds, and application processing notifications;	<u>5.1.5.4.3</u> Create, manage, and service notifications such as email, user activity feeds, and application processing notifications;
5.1.5.8 Must provide advanced customization of workflows with drag-and-drop functionality;	<u>5.1.5.4.4</u> Must provide advanced customization of workflows with drag-and-drop functionality;
5.1.5.9 Includes additional configuration tools such as a form designer which can use/incorporate additional HTML and JavaScript design tools;	<u>5.1.5.4.5</u> Includes additional configuration tools such as a form designer which can use/incorporate additional HTML and JavaScript design tools;
5.1.5.10 Upload and use custom logos (in prescriptive pixel sizes);	<u>5.1.5.4.6</u> Upload and use custom logos (in prescriptive pixel sizes);
5.1.5.11 Provide flexibility in the use of dynamic web forms, module level permissions, with the ability to hide, show or make read-only data elements based upon a user's user group, location, geography, and role.	<u>5.1.5.4.7</u> Provide flexibility in the use of dynamic web forms, module level permissions, with the ability to hide, show or make read-only data elements based upon a user's user group, location, geography, and role.
5.2.10.1.1 Process Transposition/Design, Development, and Deployment of defined user groups, categories, and stakeholders into system-readable rules and workflows.	<u>5.2.10.2</u> Process Transposition/Design, Development, and Deployment of defined user groups, categories, and stakeholders into system-readable rules and workflows.
5.2.10.2 Mobile Components	<u>5.2.11 Mobility</u> Components
5.2.10.2.1 Refer to Section 5.5.1.7.	<u>5.2.11.1</u> Refer to Section 5.5.1.7.
5.2.10.3 Client Users	<u>5.2.11.2</u> Client Users

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5.2.10.3.1 Capability to search commodities and compute for payment estimates	5.2.11.2.1 Capability to search commodities and compute for payment estimates
5.2.10.3.2 Capability to access and accomplish online forms for shipping of goods	5.2.11.2.2 Capability to access and accomplish online forms for shipping of goods
5.2.10.3.3 Capability for Trade Agency Process Managers users to approve workflow	5.2.11.2.3 Capability for Trade Agency Process Managers users to approve workflow
5.2.10.3.4 Tariff Search	5.2.11.2.4 Tariff Search
5.2.10.3.5 Capability to view Application Status	5.2.11.2.5 Capability to view Application Status
5.2.10.3.6 FAQs and Support	5.2.11.2.6 FAQs and Support
5.3.1.2 Deployment of On-Site Technical/Developers to Support technology requirements and integration with iGov Services (8x6):	5.3.2 Deployment of On-Site Technical/Developers to Support technology requirements and integration with iGov Services (8x6):
5.3.1.3 Two (2) Multi-disciplinary Developer Resources for select Agency	5.3.2.1 Two (2) Multi-disciplinary Developer Resources for select Agency
5.3.1.4 Integration with iGov Services	5.3.3 Integration with iGov Services
5.3.1.5 The system must be able to integrate with or use iGov services such as, but not limited to, PNPKI, SSO, PhPay and ProgResibo.	5.3.3.1 The system must be able to integrate with or use iGov services such as, but not limited to, PNPKI, SSO, PhPay and ProgResibo.
No Stipulation	5.3.3.2 The system must deliver standard web services API (SOAP/REST) to counterpart iGOV Authoritative Registries.
5.4.1.7 Development and Runtime Engine: Java	5.4.1.7 Mobility Platform: Android OS (API 19 and later versions)
5.4.1.8 Application Deployment Model: Microservices	5.4.1.8 Enterprise Embedded Data Visualization and BI Engine
5.4.1.9 External Integration: Web Services (SOAP/REST)	5.4.1.9 Development and Runtime Engine: Java
5.4.1.10 Enterprise IP Geolocation Service	5.4.1.10 Application Deployment Model: Microservices
No Stipulation	5.4.1.11 External Integration: Web Services (SOAP/REST)
No Stipulation	5.4.1.12 IP Geolocation Service
5.6.1. Delivery of Software (Phase 1)	5.6.1. Delivery of Software (Phase 1)
5.6.1.2 Must provide the development and staging environment for testing.	5.6.1.2 Must provide the development and staging environment for testing.
No Stipulation	5.6.1.3 The staging environment must be ready for on-boarding of commodities and the associated agencies.
No Stipulation	5.6.1.4 System code for delivered components
No Stipulation	5.6.1.5 User Manuals, Administrator Manuals, Technical Documentations

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5.6.2. First (1st) Delivery of Software Customization (Phase 2)	5.6.2. First (1st) Delivery of Software Customization (Phase 2)
No Stipulation	<u>5.6.2.6 System code for delivered components</u>
No Stipulation	<u>5.6.2.7 User Manuals, Administrator Manuals, Technical Documentations</u>
5.6.3. Second (2nd) Delivery of Software Customization (Phase 2)	5.6.3. Second (2nd) Delivery of Software Customization (Phase 2)
No Stipulation	<u>5.6.3.7 System code for delivered components</u>
No Stipulation	<u>5.6.3.8 User Manuals, Administrator Manuals, Technical Documentations</u>
5.6.4. Delivery of System Code, Manuals and Documentations (Phase 3)	<u>5.6.4. Conduct of Trainings and Delivery of VMI</u>
5.6.4.1 System code for delivered components	<u>5.6.5.1 Virtual machine image (VMI) of the production-ready environment</u>
5.6.4.2 User Manuals, Administrator Manuals, Technical Documentations	<u>5.6.5.2 Conduct of all Trainings to be completed in thirty (30) calendar days</u>
No Stipulation	<u>5.6.5.3 Training Manuals</u>
5.6.6. One (1) year Annual Software Warranty and Maintenance	<u>5.6.5.</u> One (1) year Annual Software Warranty and Maintenance
5.6.6.1 After User Acceptance of all Deliverables	5.6.6.1 After User Acceptance of all Deliverables
5.6.7. Functional Onboarding and Integration Support (Phase 4)	<u>5.6.6.</u> Functional Onboarding and Integration Support
5.6.7.1 Twelve (12) months of on-site technical staffing support for functional onboarding and integration with iGov services (See Sec 5.3)	5.6.7.1 Twelve (12) months of on-site technical staffing support for functional onboarding and integration with iGov services (See Sec 5.3)
5.9.1. Twelve (12) months of on-site technical staffing support for functional on-boarding (See Section 5.b)	5.9.1. Twelve (12) months of on-site technical staffing support for functional on-boarding (See Section <u>5.3</u>)
5.4.1.8 Application Deployment Model: Microservices	<u>5.4.1.1.8 Enterprise Embedded Data Visualization and BI Engine</u>
5.4.1.9 External Integration: Web Services (SOAP/REST)	<u>5.4.1.1.9 Development and Runtime Engine: Java</u>
5.4.1.10 Enterprise IP Geolocation Service	<u>5.4.1.1.10 Application Deployment Model: Microservices</u>
No Stipulation	5.4.1.1.11 External Integration: Web Services (SOAP/REST)
No Stipulation	5.4.1.1.12 IP Geolocation Service

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6.1.1.1 Test Parameter and Required Result	<u>6.1.1.1 Day 1: Introduction, application configuration, sample/dummy data configuration, and user experience walk-through of the candidate system.</u>
No Stipulation	<u>6.1.1.2 Day 2: Actual use of the system using sample/dummy data, and generation of reports/output forms.</u>
6.1.1.1.1 Day 1: Introduction, application configuration, sample/dummy data configuration, and user experience walk-through of the candidate system.	<u>This stipulation is deleted.</u>
6.1.1.1.2 Day 2: Actual use of the system using sample/dummy data, and generation of reports/output forms.	<u>This stipulation is deleted.</u>
6.2. Evaluation Criteria	<u>6.1.2. Evaluation Criteria</u>
6.2.1. Required Component Modules and Technical Specifications as a post qualification requirement based on POC evaluation criteria (see Annex A).	<u>6.1.2.1 Required Component Modules and Technical Specifications as a post qualification requirement based on POC evaluation criteria (see Annex A).</u>
7.1. User Acceptance	<u>7.1. Scope of Testing Activities</u>
7.1.1. Integrated regression testing through each delivery cycle.	<u>7.1.1. Testing will be limited to 2 test iterations. Any findings of non-compliance should be corrected and delivered within 5 calendar days.</u>
7.1.2. Performance and functional testing for each component, module, web service, or database (where applicable).	<u>7.1.2. Integrated regression testing through each delivery cycle.</u>
7.1.3. Usability test	<u>7.1.3. Performance and functional testing for each component, module, web service, or database (where applicable).</u>
7.1.4. Security tests	<u>7.1.4. Usability test</u>
No Stipulation	<u>7.1.5. Security tests</u>
No Stipulation	<u>7.1.6. Validation of Technical Documentation and Manuals</u>
No Stipulation	<u>7.2. User Acceptance Process</u>
No Stipulation	<u>7.2.1. Vendor shall provide the following test related materials for approval of ICT Office:</u>
No Stipulation	<u>7.2.1.1. Test Plan</u>
No Stipulation	<u>7.2.1.2. Test Scenarios</u>
No Stipulation	<u>7.2.1.3. Test Scripts</u>
No Stipulation	<u>7.2.1.4. Test Forms</u>
No Stipulation	<u>7.2.1.5. Test Reports</u>

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No Stipulation			<u>7.2.2. The ICT Office shall implement the approved test plan and determine compliance with the requirements.</u>		
No Stipulation			<u>7.2.3. The ICT Office shall issue a Certificate of Acceptance when all tests have been passed.</u>		
8. PAYMENT TERMS / PROGRESS PAYMENT			8. PAYMENT TERMS / PROGRESS PAYMENT		
Activities/Milestones	Duration	% Progress	Activities/Milestones	Duration	% Progress
Delivery of Software: Delivered main Component Module described in this terms of reference. Progress payment of 50% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.	Within fifteen (15) calendar days from issuance of Notice To Proceed	60% of the contract price net of 10% retention	<u>Delivery of Required Component Modules, Source Code, Manuals and Documentation described in this terms of reference. Progress payment of 50% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.</u>	Within fifteen (15) calendar days from issuance of Notice To Proceed.	<u>50% of the contract price net of 10% retention</u>
Delivered of Customized Component Module (first delivery). Progress payment of 20% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.	Within thirty (30) calendar days after delivery Required Components Module		<u>First delivery of Customized Features, Source Code, Manuals and Documentation described in this terms of reference. Progress payment of 10% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.</u>	Within thirty (30) calendar days after delivery Required Components Module.	<u>10% of the contract price net of 10% retention</u>
Delivered of Customized Component Module (first delivery). Progress payment of 20% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.	Within thirty (30) calendar days after delivery of the first set of Customization Component Modules		<u>Second delivery of Customized Features, Source Code, Manuals and Documentation described in this terms of reference. Progress payment of 10% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.</u>	Within thirty (30) calendar days after delivery of the first set of Customization Component Modules.	<u>10% of the contract price net of 10% retention</u>
Submission of Source Code and Manuals/Documentation. Progress payment of 20% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.	5 days after delivery and user acceptance of every component/module				
Technical Training: Refer to Sec 5.k. Progress payment of 20% shall be given after a Certificate of Completion provide.	5 days after delivery and user acceptance of the completed Software Component Modules including the Customized Component Modules	20% of the contract price net of 10% retention			
On-boarding Support: On-boarding Support provided to the agencies based on the 8 identified commodities. Progress payment shall be given per commodity completed and after a Certificate of Inspection and Acceptance has been issued.	Immediately after delivery of completed Software Component Modules including the Customized Component Modules	20% of the contract price net of 10% retention			
TOTAL		100%			

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	<p><u>Delivery of iGov Shared Services Integration features. Source Code, Manuals and Documentation of the following:</u></p> <ul style="list-style-type: none"> • <u>Integration to PNPKI, SSO, PHPay, ProgResibo</u> • <u>Development of standard web services API (SOAP/REST) to counterpart iGOV Authoritative Registries</u> 	<p><u>Within 12 months after the delivery of the Customized Features</u></p>	<p><u>10% of the contract price net of 10% retention</u></p>
	<p>Technical Training:</p> <p>Refer to Sec 5.10. Progress payment of 20% shall be given after a Certificate of Completion provide.</p>	<p>5 days after delivery and user acceptance of the completed Software Component Modules including the Customized Component Modules</p>	<p>10% of the contract price net of 10% retention</p>
	<p>On-boarding Support:</p> <p>On-boarding Support provided to the agencies based on the 8 identified commodities. Progress payment shall be given per commodity completed and after a Certificate of Inspection and Acceptance has been issued.</p>	<p><u>Within 12 months after the delivery of the Customized Features</u></p>	<p><u>10% of the contract price net of 10% retention</u></p>
	<p>TOTAL</p>		<p>100%</p>
<p>Section VIII. Bidding Forms Annex V Technical Bid Form</p>			
<p>6. Delivery Period Sixteen (16) months from the receipt of Notice to Proceed</p>	<p>Delivery Period <u>Fifteen (15)</u> months from the receipt of Notice to Proceed</p>		
<p>8. Replacement of Defective Items Replacement of defective items delivered within fifteen (15) calendar days from the receipt of Notice of Defects from the ICT Office. Service unit must be provided while awaiting replacement.</p>	<p>8. Replacement of Defective Items Replacement of defective items delivered within <u>five (5) working days</u> from the receipt of Notice of Defects from the ICT Office. Service unit must be provided while awaiting replacement.</p>		

**Section VIII. Bidding Forms
Annex VII-A Detailed Financial Breakdown**

Software Licenses and source code – 50% of the bid price net of 10% retention

Customization first delivery, to include the source code – 20% of the bid price net of 10% retention

Customization 2nd delivery, include the source code - 20% of the bid price net of 10% retention

Submission of Final and Complete Source Code and Manuals/Documentation – 10% of the bid price net of the 10% retention

Trainings – payment upon completion of training

On-board Support – progress payment per commodity - 1/8 of the bid price

Software Licenses, source code, manuals and documentation of the required component modules – 50% of the bid price net of 10% retention

First delivery of customized features, source code, manuals and documentation – 10% of the bid price net of 10% retention

Second delivery of customized features, source code, manuals and documentation - 10% of the bid price net of 10% retention

Trainings – payment of 10% upon completion of training net of 10% retention

On-board Support – progress payment per commodity - 1/8 of 20% of the bid price net of 10% retention

All terms, conditions and instructions to bidders specified in the Bidding Documents inconsistent with this Bid Bulletin are hereby superseded and modified accordingly.

Please use the following forms attached in this Supplemental Bid Bulletin:

- Revised Technical Specifications as of 31 May 2016
- Revised Technical Bid Form as of 31 May 2016
- Revised Detailed Financial Breakdown as of 31 May 2016

For information and guidance of all concerned.

Issued this 31st day of May 2016.

(SGD.) DENIS F. VILLORENTE
Chairperson, BAC4IGOV

(Bidder's Company Letterhead)

**Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System
BAC4IGOV-2016-05-006**

**REVISED TECHNICAL SPECIFICATIONS
AS OF 31 May 2016**

INSTRUCTION TO THE SUPPLIER: Indicate "COMPLY" per line number under Bidder's Statement of Compliance if Bidder can meet the technical specifications and project requirements. DO NOT LEAVE ANY BLANK. A "YES" or "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".

Specifications	Statement of Compliance
1. BACKGROUND OF ITEM BEING PROCURED	
1.1. <u>General Overview</u>	
The aspiration and goal of the Philippine e-Government Master Plan (eGMP) as embodied in the Integrated Government (iGov), Philippine e-Government Interoperability Framework (PeGIF), and Philippine Government Common Platform (PGCP) program is to provide a platform for government agencies to interoperate by means of establishing explicit standards in the areas of technology, information and data exchange, and process interoperability.	
1.2. <u>Brief Description</u>	
The Government Operations Management Interoperability Platform and Profiling System is an integrated enterprise, cloud-native system that will serve as the platform to optimize processes and enhance interoperability between process managers of collaborating entities tasked with the mandate to facilitate transactions between them and their clients as well as their regulatory and profiling capabilities.	
1.3. <u>ABC of the Project and Fund source</u>	
1.3.1 ABC 152,376,000.00	
1.3.2 PeGIEx 2015	
<u>Compatibility Requirement</u>	
1.4.1 Enterprise Microservices Development and Runtime Platform	
1.4.2 Embedded BPMN 2.0 compliant Business Process Management Tool	
1.4.3 Enterprise RDBMS	
1.4.4 NoSQL XML Document Database	

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1.4.5 Open source Enterprise Server Operating System	
1.4.6 Cloud Infrastructure: IaaS (e.g. Amazon Web Services, Azure)	
1.4.7 Mobility Platform: Android OS (API 19 and later versions)	
1.4.8 Enterprise Embedded Data Visualization and BI Engine	
1.4.9 Development and Runtime Engine: Java	
1.4.10 Application Deployment Model: Microservices	
1.4.11 External Integration: Web Services (SOAP/REST)	
1.4.12 IP Geolocation Service	
2. PURPOSE/OBJECTIVE	
The main objective of the proposal for the supply, delivery, installation, and configuration of the software components, and perpetual licenses will be to successfully implement the platform to support the collaborative and streamlining operations of the various trade regulatory agencies, and to provide efficient end-to-end public service as part of the e-Government Master Plan.	
3. MODE OF PROCUREMENT : PUBLIC BIDDING	
4. NATURE OF PROCUREMENT: GOODS AND SERVICES	
5. SCOPE OF WORK	
<u>5.1. REQUIRED COMPONENT MODULES</u>	
5.1.1. User Categories and Profile Management	
5.1.1.1 System must allow for the dynamic creation and management of multiple user categories and access definitions in a multi-tenant environment;	
5.1.1.2 System must allow for the dynamic creation of multiple levels of access privileges within each tenant;	
5.1.1.3 User categories will be disclosed to the winning bidder.	
5.1.2. Public Accessible Components	
5.1.2.1 Content and Information - Provide the general public value-added content inclusive of news, announcements, events, articles, and other relevant information:	
5.1.2.1.1 Capability of users to directly view information catalogs or search for contents of catalogs using free-form text values;	
5.1.2.1.2 Capability of catalog to accept and receive updates from external sources.	
5.1.2.2 Advanced Search	
5.1.2.2.1 Capability of users to search using specialized values in free-form text (e.g. commodity codes);	
5.1.2.2.2 Capability of system to provide users with in-depth information related to the user-defined search parameters;	
5.1.2.2.3 Capability of users to store searched queries (for registered users only);	

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5.1.2.2.4	Capability of users to trigger an import permit application process using the user-defined search parameters;	
5.1.2.2.5	Provide autocomplete and auto-suggest features.	
5.1.2.3	Value Calculator	
5.1.2.3.1	Capability of users to compute value using search-specific absolute strings or absolute free-form, semantically-matched text words or phrases with reference to data values of the PNTR system;	
5.1.2.3.2	Capability to cache calculator input data and to, upon login or registration/login, prepopulate import permit application form fields.	
5.1.2.4	User Login and Registration	
5.1.2.4.1	Provides a secure login page for registered users to login;	
5.1.2.4.2	Provides a secure facility for users to register for a user account;	
5.1.2.4.3	Provides multi-factor authentication features;	
5.1.2.4.4	Provides feedback on password complexity;	
5.1.2.4.5	Provides lock-out after a system-configurable number of login attempt failures, sending an alert message, and trigger identity verification and/or password recovery mechanisms.	
5.1.2.5	User Experience	
5.1.2.5.1	Provides a responsive layout for consistency of use across different end-point devices (desktop, laptop, tablet, smartphone) via a browser.	
5.1.3. Client Secure Components		
5.1.3.1	User Profile Management	
5.1.3.1.1	Provides authenticated user administrators the ability to add user accounts and trigger alternative user-verification identity protocols, update or delete user accounts and permissions; create, update, add members to, set permissions to or delete groups;	
5.1.3.1.2	Provides authenticated users the ability to update individual profiles, personal photo, contact information and address. The system must be able to send a confirmation email to a registered email address and log the IP and geo-location where the profile was created;	
5.1.3.1.3	Provides authenticated users the ability to manage contact address books, create a company profile (if the authenticated user is a company), URL, and email addresses;	

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5.1.3.1.4	Send a confirmation email to the registered email address that includes information on the IP address and geo-location used by the person to update the information of the user profile;	
5.1.3.1.5	Must provide an option for the authenticated user to register oneself according to different client-user types, and trigger the corresponding verification process.	
5.1.3.2	Trade Inbound Permit Application	
5.1.3.2.1	Must provide registered users with the facility to complete and submit import permit applications using a trade agency-defined application form;	
5.1.3.2.2	Must provide users with the ability to track the progress of application processes as it progresses through the different approving or issuing trade agency along with the expected processing timelines;	
5.1.3.2.3	Must provide users with the ability to view the status of each lodged import permit application;	
5.1.3.2.4	Must provide the ability for the system to store a record of issued permits per applicant;	
5.1.3.2.5	Must provide users with the ability to upload, categorize, and store images, photos, searchable PDF documents, or scanned documents as may be required by trade agencies in support of each type of application;	
5.1.3.2.6	Must allow the user to save and update an application, recover a draft application from the last known state (e.g. in case of power loss), delete a saved or draft application, or withdraw a submitted application;	
5.1.3.2.7	Must provide the user the ability to view a filtered list of or all import permit applications.	
5.1.3.3	Issued Trade Inbound Permits Management	
5.1.3.3.1	Provides authenticated users the ability to view and manage import permits explicitly indicating the issuing agency, the date of issuance, date of expiry, and to-date utilization of each permit;	
5.1.3.3.2	Provides authorized trade agency assessors with the ability to view the status of issued permits and confirm and close each issued permit upon consumption;	
5.1.3.3.3	The system must be able to generate/produce a printable and XML version of an import declaration or single administrative document;	

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5.1.3.3.4	The system must provide an API facility to interchange data with authorized and authenticated external users or systems.	
5.1.3.4	Commodity Movement Management	
5.1.3.4.1	The system must provide data elements and the requisite data structure that is consistent with shipment management;	
5.1.3.4.2	Users shall have the ability to create new shipment transactions. A wizard-based function will allow users, based on their specified role/type, to enter transaction details, save drafts, retrieve saved drafts, delete drafts, and submit transactions;	
5.1.3.4.3	The system must provide the facility for users to inherit details from the import declaration or single administrative document to prefill web forms for a shipment declaration or House Bill of Lading(HBL)/Airway Bill of Lading(AWBL);	
5.1.3.4.4	The system must allow authenticated users the ability to specify the information of the actors transporting the commodity and its means of transport to the Philippines such as but not limited to forwarder/consolidator, container number, vessel (international and regional), vessel registry (international and regional);	
5.1.3.4.5	The system must provide authenticated users the facility to itemize and assign value and weight particulars to packing list details and directly associate line items to a verifiable import permit or certificate;	
5.1.3.4.6	The system must provide multi-currency capability (USD to PHP);	
5.1.3.4.7	The system must provide the facility to aggregate packing list details into containers;	
5.1.3.4.8	The system must provide the facility to upload and categorize images or scanned documents, a packing list and other reference materials in support of each permit application;	
5.1.3.4.9	The system must allow authenticated forwarders ability to complete/update shipment records assigned to them by shippers stored without vessel particulars. Upon assignment of vessel particulars, the system must seal the same records so that it can no longer be modified.	

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5.1.3.4.10	The system must allow authenticated users, the ability to specify the date of shipment arrival;	
5.1.3.4.11	The system must allow authenticated users the ability to specify the shipment consignee or nominate registered users (using the system account-generated ID) as shipment actors (such as forwarders) of the shipment;	
5.1.3.4.12	The system must maintain a permanent log of the IP and geo-location where the updates to the records occurred;	
5.1.3.4.13	The system must be able to generate/produce a printable and XML-exportable version of the HBL or AWBL;	
5.1.3.4.14	The system must have a facility for users to save commonly-used commodities and/or shipment actors as a template for future applications;	
5.1.3.4.15	Provide the facility for users to self-declare or assign third-party registered users to verify adherence to rules set by government agencies.	
5.1.3.5 Shopping Cart		
5.1.3.5.1	The system must provide the facility for authenticated users to consolidate payable items into a single but line-item type-classified and categorized payment transaction;	
5.1.3.5.2	The system must provide the facility for authenticated users to generate a printable and XML-exportable payables statement;	
5.1.3.5.3	The system must be able to receive payment confirmation from a payment gateway;	
5.1.3.5.4	The system must provide an API facility to interchange data with secure external systems.	
5.1.3.6 User Dashboard		
5.1.3.6.1	Must provide users the ability to switch dashboards according to its verified client-user type;	
5.1.3.6.2	Must provide authenticated users the facility to visually monitor the status of active applications, shipments and payments;	
5.1.3.6.3	Must provide authenticated users the facility to view feedback or updates related to each transaction, and view historical transactions by user role.	
5.1.4. Process Manager Secure Components		
5.1.4.1	Process Manager Group and User Profile Management	

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5.1.4.1.1	Must provide authenticated trade agency process manager administrators the facility to define and create groups, define permissions, and add members;	
5.1.4.1.2	Must provide authenticated trade agency process manager users the ability to update individual profiles, personal photo, contact information and address. The system must be able to send a confirmation email to a registered email address and log the IP and geo-location where the profile was created;	
5.1.4.1.3	Provides authenticated trade agency process manager users the ability to manage contact address books, URL, and email addresses;	
5.1.4.1.4	Send a confirmation email to the registered email address that includes information on the IP address and geo-location used by the person to update the information of the user profile.	
5.1.4.2 Business Process Configuration		
5.1.4.2.1	The system must provide the facility for authenticated trade agency process manager users to define/modify/update business process flows, business rules, workflow and routing specifications that affect the behavior of the system without downtime;	
5.1.4.2.2	The system must provide the facility for authenticated trade agency process manager users to design, configure, update/modify registration and permit/certificate forms;	
5.1.4.2.3	The system must provide authenticated trade agency process manager system administrators the facility to define entity-level groups, and define user memberships and permissions;	
5.1.4.2.4	The system must provide the facility for authenticated trade agency process manager users to configure/update a fee schedule used to calculate payments in the shopping cart.	
5.1.4.3 Permit Application Processing and Management		
5.1.4.3.1	The system must allow authenticated trade agency process manager users (by specified roles) the facility to review, approve, issue, or cancel import permit applications;	

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5.1.4.3.2	The system must allow authenticated trade agency process manager users access to a queue of import application tasks in FIFO order. Users must not be able to transact or process applications out of sequence;	
5.1.4.3.3	The system must allow authenticated trade agency process manager supervisors the facility to assign and monitor service tasks related to import application processing;	
5.1.4.3.4	The system must provide the facility for authenticated users to upload and validate certificates of digitally signed inbound permit issuances;	
5.1.4.3.5	The system must provide the facility to email applicants status updates containing links to a confirmation of receipt of payment, processing status, and final dispositions or issuances;	
5.1.4.3.6	The system must allow authenticated agency supervisors the facility to monitor and track the utilization of issued import permits;	
5.1.4.3.7	The system must allow authenticated system administrators the facility to print or export a list (XML-formatted) of issued import permits detailing the following:	
	i. Issuing Agency	
	iii. Date of Issuance	
	v. Name of Approving Individual	
	vii. Permit Specifications	
	ix. Assessed Market Value	
	xi. Date of Expiration	
	xiii. Validity Period	
	xv. Utilization Status	
5.1.5. System Administration		
5.1.5.1	Single Administrative Document Configuration	
5.1.5.2	Web Services and API Gateway Configuration	
5.1.5.3	Data Exchange Configuration and Permissions Management	
5.1.5.4	Self-Configuration (for authorized/designated roles only)	
5.1.5.4.1	Must provide the facility to make real-time changes to form content, layout and design, with the capability to instantly push changes as a standard process;	

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5.1.5.4.2	Must provide the facility to tailor content to different user groups and departments;	
5.1.5.4.3	Create, manage, and service notifications such as email, user activity feeds, and application processing notifications;	
5.1.5.4.4	Must provide advanced customization of workflows with drag-and-drop functionality;	
5.1.5.4.5	Includes additional configuration tools such as a form designer which can use/incorporate additional HTML and JavaScript design tools;	
5.1.5.4.6	Upload and use custom logos (in prescriptive pixel sizes);	
5.1.5.4.7	Provide flexibility in the use of dynamic web forms, module level permissions, with the ability to hide, show or make read-only data elements based upon a user's user group, location, geography, and role.	
5.1.6. Reference Databases / Registries		
5.1.6.1 Local Database Copies		
5.1.6.1.1	Must have the ability to retrieve and store data from external registries and automatically check for updates in system-configurable times or time periods	
5.1.6.2 Tariff Registry		
5.1.6.3 Philippine Standards Commodity Classification Code Registry (Expanded Registry)		
5.1.6.4 Business Registries		
5.1.6.5 Philippine Postal Code Registry		
5.1.6.6 Transport Registries		
5.2. EXTENDED FEATURES CUSTOMIZATION		
5.2.1. Client Secure Components		
5.2.1.1 Issued Trade Inbound Permits Management		
5.2.1.1.1	The system must support the digital signing or uploading and certificate verification of digitally signed import declarations/single administrative documents.	
5.2.1.2 Commodity Movement Management		
5.2.1.2.1	The system must allow authenticated users the ability to digitally sign (via PKI) scanned documents.	
5.2.1.3 Trade Outbound Permit Applications		
5.2.1.3.1	Must provide authenticated users the facility to complete and submit an online export application form using regulatory agency-defined application forms;	

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5.2.1.3.2	Must provide the facility to produce a printable and XML-exportable electronic certificate of origin;	
5.2.1.3.3	Electronic Certificate of Origin must be compliant with international and regional data exchange standard specifications;	
5.2.1.3.4	Must provide authenticated users the facility for self-certification;	
5.2.1.3.5	Must provide the facility for authenticated users to upload searchable PDF, scanned documents, or images related to the application for export permits	
5.2.1.4	Issued Trade Outbound Permits Management	
5.2.1.4.1	Provides authenticated users the ability to view and manage issued permits explicitly indicating the issuing agency, the date of issuance, date of expiry, and to-date utilization of each permit;	
5.2.1.4.2	Provides government agencies and industry stakeholders the ability to view the status of export permits;	
5.2.1.4.3	The system must be able to generate/produce a printable and XML version of issued electronic certificate of origin document;	
5.2.1.4.4	The system must support the uploading and certificate verification of digitally signed (via PKI) electronic certificates of origin.	
5.2.2.	Process Manager Secure Components	
5.2.2.1	Trade Outbound Permit Processing	
5.2.2.1.1	The system must allow authenticated and authorized users (by specified roles) the facility to review issued export permits;	
5.2.2.1.2	The system must provide authenticated agency users a queue of export application tasks in FIFO order. Users must not be able to transact applications out of sequence;	
5.2.2.1.3	The system must provide authenticated agency supervisors the facility to assign and monitor service tasks related to export permit application processing;	
5.2.2.1.4	The system must provide the facility for authenticated users to upload, self-certify and digitally sign electronic certificates of origin;	
5.2.2.1.5	The system must provide the facility to validate the authenticity of certificates of uploaded digitally-signed artifacts;	

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5.2.2.1.6	The system must provide the facility to email applicants status updates containing links to a confirmation of receipt of payment, processing status, and final disposition or issuances related to each submitted application;	
5.2.2.1.7	The system must allow authenticated agency supervisors the facility to monitor and track the utilization of agency-issued or self-certified certificates of origin;	
5.2.2.1.8	The system must allow authenticated system administrators the facility to print or export a list (XML formatted) of issued export permits and/or electronic certificates of origin;	
5.2.2.1.9	The system must provide the facility for designated government agencies the facility to configure the format of export permits or certificate of origin in compliance with trade agency format specifications.	
5.2.3.	Data Standards Mapping	
5.2.3.1	XML Schema Definition (XSD)	
5.2.3.2	XSD Administration	
5.2.3.3	Data Standards Mapping Catalog	
5.2.4.	Systems Integration	
5.2.4.1	Integration Requirements (to be specified per user agency)	
5.2.5.	XML Web Services API (SOAP) – Request/Response	
5.2.5.1	To be specified per user agency.	
5.2.6.	Reference Databases / Registries	
5.2.6.1	Transport Registries	
5.2.6.2	WCO Member Country Registry	
5.2.6.3	Other Registries used by Trade Agencies	
5.2.7.	Performance Dashboard Statistics	
5.2.7.1	Agency Service Performance and Workflow Monitoring	
5.2.7.2	Agency User Service Performance Report and Statistics	
5.2.7.3	Service Level Non-Compliance Report and Statistics	
5.2.7.4	System Components Performance Statistics	
5.2.7.5	Database Performance Statistics	
5.2.7.6	Server Instance Performance Statistics	
5.2.8.	Advanced Configuration	
5.2.8.1	Reference Library Management and Configuration	

5.2.8.1.1	Must provide authorized and authenticated user the facility to upload, in CSV or XML format, lists of data sets, as well as the ability to manually add, update information of and delete an element of the data set;	
5.2.8.2	Data Management	
5.2.8.2.1	Allow users to define additional data elements, semantically match data elements, and publish/expose semantically matched elements to a standard data element catalog for a whole-of-government use;	
5.2.8.2.2	Ability to isolate tenant data into a secure and dedicated database instance within a multi-tenant environment;	
5.2.8.2.3	Ability to expose data elements and its respective contents or values defined for sharing exclusively through an Enterprise Service Bus via XML Web Services using either a SOAP or REST encapsulation;	
5.2.8.2.4	Ability to export data into an XML, CSV or PDF format.	
5.2.8.3	Self-Configuration	
5.2.8.3.1	Able to create user defined fields that can be used on any form (such as calendar dates, user choosers, pick lists, numeric fields, etc.);	
5.2.8.3.2	Able to create summation defined fields using the available calculation engine with the ability to add, subtract, multiply, or divide several user-defined numeric fields together;	
5.2.8.3.3	Ability to customize PDF outputs by designing layouts and individual data elements from a form;	
5.2.8.3.4	Ability to design customized email and SMS notification templates;	
5.2.8.3.5	Configuration tools made available must have the facility to switch features on or off, be consistent with security policies;	
5.2.8.3.6	Ability to configure, create, and control reports and their publications with custom filters and publish based upon user, user group, location, geography, or role-based groupings.	
5.2.9.	Reports Management and Advanced Analytics	
5.2.9.1	Process Efficiency	
5.2.9.1.1	Must provide the facility to benchmark actual performance data against measurable objectives (such as number of processing steps, duration per step, etc.);	

5.2.9.1.2	Dashboard style reporting for KPIs, reference data, and objectives	
5.2.9.1.3	Drill down capability on data from a high level to several levels of data granularity;	
5.2.9.1.4	Ability to display reports using graphs, pie charts, etc.;	
5.2.9.1.5	Must provide the facility for real-time reporting.	
5.2.9.2	Profiling	
5.2.9.2.1	Must provide a secure portal/facility for authenticated/authorized users to define random selectivity criteria using an aggregate of filters against specified data elements;	
5.2.9.2.2	Ability to generate multi-dimensional profile report of any referenceable data element (details to be provided to the winning bidder) against a specific point in time, value, computation, or defined filter.	
5.2.9.3	Reports	
5.2.9.3.1	Must have the facility for authorized users to create, define, customize ad hoc reports using data elements the user's role is authorized to view;	
5.2.9.3.2	for users to export data to an XML, CSV or searchable PDF formats;	
5.2.9.3.3	System must provide the facility to securely transfer data with authorized data warehousing environments via Web Services from/to on-premises database servers.	
5.2.10. Business Process Interoperability Customization		
5.2.10.1	Refer to Section 5.5.1.7	
5.2.10.2	Process Transposition/Design, Development, and Deployment of defined user groups, categories, and stakeholders into system-readable rules and workflows.	
5.2.11 Mobility Components		
5.2.11.1	Refer to Section 5.5.1.7.	
5.2.11.2	Client Users	
5.2.11.2.1	Capability to search commodities and compute for payment estimates	
5.2.11.2.2	Capability to access and accomplish online forms for shipping of goods	
5.2.11.2.3	Capability for Trade Agency Process Managers users to approve workflow	
5.2.11.2.4	Tariff Search	
5.2.11.2.5	Capability to view Application Status	
5.2.11.2.6	FAQs and Support	

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5.2.11.3 Trade Agency Process Manager Users	
5.2.11.3.1 Task Management	
5.2.11.3.2 Notification and Messaging	
5.2.11.3.3 Monitoring and Oversight Agency Users	
5.2.11.3.4 Trade Agency Process Manager Service Performance (table view)	
5.2.11.3.5 Imports Performance Report (table view)	
5.2.11.3.6 Exports Performance Report (table view)	
5.2.11.4 System Administrators	
5.2.11.4.1 Component Performance Statistics (table view)	
5.2.11.4.2 Database Performance Statistics (table view)	
5.2.11.4.3 Server Performance Statistics (table view)	
5.3. FUNCTIONAL ONBOARDING AND INTEGRATION SUPPORT (12 MONTHS)	
5.3.1 On-Site Technical Staffing Support for Functional Onboarding Deployment of On-Site BPM Technical Staff to Support Agency Onboarding Activities (8x6):	
5.3.1.1 Two (2) Functional Support staff each for two (2) select Agencies	
5.3.2 Deployment of On-Site Technical/Developers to Support technology requirements and integration with iGov Services (8x6):	
5.3.2.1 Two (2) Multi-disciplinary Developer Resources for select Agency	
5.3.3 Integration with iGov Shared Services	
5.3.3.1 The system must be able to integrate with or use iGov services such as, but not limited to, PNPKI, SSO, PhPay and ProgResibo	
5.3.3.2 The system must deliver standard web services API (SOAP/REST) to counterpart iGOV Authoritative Registries.	
5.4. TECHNICAL SPECIFICATIONS	
5.4.1. Runtime and Customization Development Technical Specifications	
The system must be built on the following technology stack. It is recommended that the solutions provider will subscribe to existing components of the stack of ICT Office. The solutions provider should provide mechanisms for integration should there be a need to deviate from these components.	
5.4.1.1 Enterprise Microservices Development and Runtime Platform	

5.4.1.2	Embedded BPMN 2.0 compliant Business Process Management Tool	
5.4.1.3	Enterprise RDBMS	
5.4.1.4	NoSQL XML Document Database (Storage Only)	
5.4.1.5	Open source Enterprise Server Operating System	
5.4.1.6	Cloud Infrastructure: IaaS (e.g. Amazon Web Services, Azure)	
5.4.1.7	Mobility Platform: Android OS (API 19 and later versions)	
5.4.1.8	Enterprise Embedded Data Visualization and BI Engine	
5.4.1.9	Development and Runtime Engine: Java	
5.4.1.10	Application Deployment Model: Microservices	
5.4.1.11	External Integration: Web Services (SOAP/REST)	
5.4.1.12	IP Geolocation Service	
5.4.2 Core Services		
5.4.2.1	The system will be a cloud-based IaaS platform that integrates a microservice-based application system with the an enterprise process flow management and administration portal functionality, a market-facing portal functionality, enterprise management portal functionality, profiling portal, user authentication and authorization, semantic search, value calculator, reporting and analytics.	
5.4.2.2	Core services will be implemented as microservices. Microservice intercommunication will be routed either through an enterprise service bus or via an API-management gateway with the option to limit microservice intercommunication to preset IP addresses.	
5.4.2.3	Interface or integration with external systems must be through a web service using standard SOAP/REST protocols.	
5.4.2.4	Microservices and web services must support, at the minimum, XML 1.0, SOAP 1.1, HTTP 1.1 with SSL3.0/TLS 1.0+ with the capability to easily adapt to the latest standard recommendations upon release, and must be compliant with the latest WS standards;	
5.4.2.5	The system must support single-sign on (OAuth 2.0 and SAML) and security certification protocols using the latest standards (i.e. X.509, SSL/TLS, OCSP/CRL, and PKCS12).	
5.4.2.6	Form data elements must utilize the latest XForms/XSLT standards. Form data elements must be made available to and/or retrievable from external systems via a web service and/or exportable/importable in XML format.	

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5.4.2.7	The system must provide micro- and web service facility to manage service instances, usage, and others including the capability to horizontally scale up to maintain performance specifications.	
5.4.2.8	The system must be compatible with IP geolocation libraries and/or able to access IP geolocation web services.	
5.4.2.9	The system must provide the capability to create a backup instance in a different cloud zone with built-in automatic synchronization whilst optimizing operational and maintenance costs.	
5.4.2.10	The system must provide backwards compatibility with global data interchange standards.	
5.4.3 Management Portal Functionality		
5.4.3.1	The portals must provide a UI-based integrated functionality to provide standard administrative tools including management of users, user profiles and permissions, report generation and analytics, performance dashboards, etc.	
5.4.4 Enterprise Process Flow Management and Administrative Functionality		
5.4.4.1	The process flow management microservice must allow multi-tenancy with the capability to independently and securely define process flows and process flow data.	
5.4.4.2	The portal must provide UI-based integrated functionality to define process flows, assign users and user permissions, and other process management functions, as well as an administrative component to manage users, databases, reports, etc.	
5.4.5 Database		
5.4.5.1	The system must use a horizontally scalable NoSQL data store (capable of using JSON data format) and a scalable RDBMS with the option to provide encrypted storage.	
5.4.5.2	The system utilizes a centralized database service to ensure data consistency across micro- and web services and their instances.	
5.4.6 Reporting and Analytics		
5.4.6.1	The reporting and analytics tool must have the capability to access and process data from the database.	
5.4.6.2	There must be a capability to integrate graphical reporting capabilities via ETL.	

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5.4.7 Application Development and Delivery Framework		
5.4.7.1	System applications must use a machine-independent and cross-platform development environment.	
5.4.7.2	The enterprise PaaS must allow for continuous delivery and continuous integration of cloud-based microservices or component applications with near zero overhead for deploying, configuring, updating and maintaining high availability whilst minimizing costs, time and other risks in delivering changes or updates.	
5.5. OTHER NON-FUNCTIONAL SPECIFICATIONS		
5.5.1. Security Requirements		
5.5.1.1	The system must secure itself from the most common or prevalent data, internal/external user and session threats.	
5.5.1.2	Must include features to prevent front-end and inter-service phishing;	
5.5.1.3	Implement strong and secure account management functions (directory harvest attacks, password complexity or recovery, record IP or geolocation of users, etc.);	
5.5.1.4	Include strong authentication and session management controls (broken sessions, cross-site request forgery, etc.);	
5.5.1.5	Implement authorization mechanism for inter-web service communication;	
5.5.1.6	Include built-in mechanisms to prevent injection (SQL, NoSQL, calculator engine, etc.) and XSS attacks;	
5.5.1.7	Must declare use of third-party components;	
5.5.1.8	Hide sensitive data (including passwords) in transit and at rest in a microservice or data repository;	
5.5.1.9	Scanning of uploaded documents for viruses, malware, etc.;	
5.5.1.10	Secure direct object or web service references;	
5.5.1.11	Ensure robust function or role level access;	
5.5.1.12	Prevent unauthorized redirects and forwards;	
5.5.1.13	Implement audit trails to allow review of user access and behavior;	
5.5.1.14	Log IP addresses, geolocation, time and date of non-system generated requests for microservices;	
5.5.1.15	Prevent caching of sensitive data (encrypted or not);	
5.5.1.16	System error messages should not be exposed to users.	
5.5.2. Performance Requirements		
5.5.2.1	Micro- and web services must be open to connections, accept requests and issue responses 99.99% of the time for 24x7 / 365.	

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5.5.2.2	Lightweight client-side caching to satisfy performance requirements across a variety of end-point devices and internet connection speeds.	
5.5.2.3	The system must support a minimum of 20,000 concurrent market users and 2,000 concurrent agency users.	
5.5.2.4	The system is able to perform at least 50,000 read-write transactions per minute. The system must be horizontally and vertically scalable to accommodate at least 90,000 read-write transactions per minute.	
5.5.2.5	Web service API response times should be less than 200 milliseconds. Response time is measured from the last bit of a request is accepted by the service until the last bit of the response is issued by the service.	
5.5.3. Software Quality Attributes		
5.5.3.1	Usability – implement a user-centered design process.	
5.5.3.2	Intuitiveness	
5.5.3.2.1	User interface elements must be user-friendly, intuitive and easy to use; the system must be easy to learn and not visually intimidating for non-expert user.	
5.5.3.2.2	User interface actions, gestures and elements must be used consistently.	
5.5.3.3	Use efficiency	
5.5.3.3.1	Tasks will be accomplished easily with minimal errors or guidance.	
5.5.3.3.2	Help or clear instructions should be provided to facilitate task completion.	
5.5.3.3.3	Users must have the ability to reverse or undo actions. Actions which could not be undone must have a confirmation prompt.	
5.5.3.4	Accessibility	
5.5.3.4.1	The system must satisfy, where applicable, accessibility standards defined in ISO/IEC Guide 71:2014 or WCAG 2.0.	
5.5.3.5	Application Failure Recovery	
5.5.3.5.1	The system must, at all times, be at a known state. The system should provide default response behavior for unplanned events (e.g. broken connection or session, corrupted or irreparable messages, etc.) and automatic recovery mechanism after system failure.	
5.5.3.5.2	Facility to alert system administrators of the inaccessibility of a resource, a component or web service.	

5.6. DELIVERABLES	
5.6.1. Delivery of Software	
5.6.1.1 Required Component Modules (Sec 5.1)	
5.6.1.2 Must provide the development and staging environment.	
5.6.1.3 The staging environment must be ready for on-boarding of commodities and the associated agencies.	
5.6.1.4 System code for delivered components	
5.6.1.5 User Manuals, Administrator Manuals, Technical Documentations	
5.6.2. First (1st) Delivery of Software Customization	
5.6.2.1 Data Standards Mapping (Sec 5.2.3)	
5.6.2.2 XML Web Services API (SOAP) – Request/Response (Sec 5.2.5)	
5.6.2.3 Reference Databases / Registries (Sec 5.2.6)	
5.6.2.4 Advanced Configuration (Sec 5.2.8)	
5.6.2.5 Mobile Components (Sec 5.2.11)	
5.6.2.6 System code for delivered components	
5.6.2.7 User Manuals, Administrator Manuals, Technical Documentations	
5.6.3. Second (2nd) Delivery of Software Customization	
5.6.3.1 Client Secure Components (Sec 5.2.1)	
5.6.3.2 Process Manager Secure Components (Sec 5.2.2)	
5.6.3.3 Systems Integration (Sec 5.2.4)	
5.6.3.4 Performance Dashboard Statistics (Sec 5.2.7)	
5.6.3.5 Reports Management and Advanced Analytics (Sec 5.2.9)	
5.6.3.6 Business Process Interoperability Customization (Sec 5.2.10)	
5.6.3.7 System code for delivered components	
5.6.3.8 User Manuals, Administrator Manuals, Technical Documentations	
5.6.4. Conduct of Trainings and Delivery of VMI	
5.6.5.1 Virtual machine image (VMI) of the production-ready environment	
5.6.5.2 Conduct of all Trainings to be completed in thirty (30) calendar days	
5.6.5.3 Training Manuals	
5.6.5. One (1) year Annual Software Warranty and Maintenance	
5.6.6.1 After User Acceptance of all Deliverables	
5.6.6. Functional Onboarding and Integration Support	
5.6.7.1 Twelve (12) months of on-site technical staffing support for functional onboarding and integration with iGov services (See Sec 5.3)	

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5.7. DEPLOYMENT AND MAINTENANCE	
5.7.1. The system must be deployed and ready for production use.	
5.7.2. System updates must be provided with the release of the latest standards and protocols, as well as security patches in the code base among others	
5.8. WARRANTY	
5.8.1. One (1) year Annual Software Warranty and Maintenance	
5.8.2. Information shared, transmitted and provided to between the Supplier and ICT Office shall not be disclosed to any third party	
5.9. SERVICE SUPPORT REQUIREMENTS	
5.9.1. Twelve (12) months of on-site technical staffing support for functional on-boarding (See Section 5.3)	
5.10. TRAINING / TECHNOLOGY TRANSFER / CAPACITY BUILDING	
5.10.1. Trainings (including provision of resource persons, materials and meals) for:	
5.10.1.1. Administrators on overall microservice infrastructure management, including deployment, maintenance, scaling, security, disaster recovery and third party tools/components;	
5.10.1.2. Process management users on the process management tool, and	
5.10.1.3. Administrators of portal functionalities, content management, etc.;	
5.10.2. Documentation (both online wiki and printed material) of technical architecture, including web service specifications and messaging protocols, security controls, APIs, etc.;	
5.10.3. Provision of technical user guides and manuals (both online wiki and printed material) for administrators and users of content management, user administration, process management and other third party tools, microservice and database management including scalability, infrastructure deployment and maintenance, security management, disaster recovery, etc.;	
5.10.4. Provision of user-friendly user guides and manuals (both online wiki and printed material), and e-learning materials for end-users.	
5.11. Compatibility / Interoperability with the Existing Technology	
5.11.1. Enterprise Microservices Development and Runtime Platform	
5.11.2. Embedded BPMN 2.0 compliant Business Process Management Tool	

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5.11.3. Enterprise RDBMS	
5.11.4. NoSQL XML Document Database (Storage Only)	
5.11.5. Open source Enterprise Server Operating System	
5.11.6. Cloud Infrastructure: IaaS (e.g. Amazon Web Services, Azure)	
5.11.7. Mobility Platform: Android OS (API 19 and later versions)	
5.11.8. Enterprise Embedded Data Visualization and BI Engine	
5.11.9. Development and Runtime Engine: Java	
5.11.10. Application Deployment Model: Microservices	
5.11.11. External Integration: Web Services (SOAP/REST)	
5.11.12. IP Geolocation Service	
6. EVALUATION PROCESS	
<u>6.1. Proof of Concept</u>	
6.1.1. Bidders will be required to perform a proof-of-concept (POC) of a candidate system that demonstrates the Required Component Modules and Technical Specifications as a post qualification requirement based on POC evaluation criteria (see Annex A). The POC must be scheduled within five (5) calendar days from opening of bids, and must be completed within two (2) calendar days.	
6.1.1.1 Day 1: Introduction, application configuration, sample/dummy data configuration, and user experience walk-through of the candidate system.	
6.1.1.2 Day 2: Actual use of the system using sample/dummy data, and generation of reports/output forms.	
6.1.2. Evaluation Criteria	
6.1.2.1 Required Component Modules and Technical Specifications as a post qualification requirement based on POC evaluation criteria (see Annex A).	
7. ACCEPTANCE / TESTING CRITERIA AND PROCESS	
<u>7.1. Scope of Testing Activities</u>	
7.1.1. Testing will be limited to 2 test iterations. Any findings of non-compliance should be corrected and delivered within 5 calendar days.	
7.1.2. Integrated regression testing through each delivery cycle.	
7.1.3. Performance and functional testing for each component, module, web service, or database (where applicable).	
7.1.4. Usability test	
7.1.5. Security tests	
7.1.6. Validation of Technical Documentation and Manuals	

7.2. User Acceptance Process	
7.2.1. Vendor shall provide the following test related materials for approval of ICT Office:	
7.2.1.1. Test Plan	
7.2.1.2. Test Scenarios	
7.2.1.3. Test Scripts	
7.2.1.4. Test Forms	
7.2.1.5. Test Reports	
7.2.2. The ICT Office shall implement the approved test plan and determine compliance with the requirements.	
7.2.3. The ICT Office shall issue a Certificate of Acceptance when all tests have been passed.	

8. PAYMENT TERMS / PROGRESS PAYMENT

Activities/Milestones	Duration	% Progress
Delivery of Required Component Modules, Source Code, Manuals and Documentation described in this terms of reference. Progress payment of 50% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.	Within fifteen (15) calendar days from issuance of Notice To Proceed. Source Code, Manuals and Documentation must be submitted upon delivery.	50% of the contract price net of 10% retention
First delivery of Customized Features, Source Code, Manuals and Documentation described in this terms of reference. Progress payment of 10% shall be given after a Certificate of Inspection and Acceptance of the Delivered Software has been issued.	Within thirty (30) calendar days after delivery Required Components Module. Source Code, Manuals and Documentation must be submitted upon delivery.	10% of the contract price net of 10% retention
Second delivery of Customized Features, Source Code, Manuals and Documentation described in this terms of reference. Progress payment of 10% shall be given after a Certificate of Inspection and Acceptance of the Delivered	Within thirty (30) calendar days after delivery of the first set of Customization Component Modules. Source Code, Manuals and Documentation	10% of the contract price net of 10% retention

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Software has been issued.	must be submitted upon delivery.	
Delivery of iGov Shared Services Integration features. Source Code, Manuals and Documentation of the following: <ul style="list-style-type: none"> Integration to PNPKI, SSO, PHPay, ProgResibo Development of standard web services API (SOAP/REST) to counterpart iGOV Authoritative Registries 	Within 12 months after the delivery of the Customized Features	10% of the contract price net of 10% retention
Technical Training: Refer to Sec 5.10. Progress payment of 20% shall be given after a Certificate of Completion provide.	5 days after delivery and user acceptance of the completed Software Component Modules including the Customized Component Modules	10% of the contract price net of 10% retention
On-boarding Support: On-boarding Support provided to the agencies based on the 8 identified commodities. Progress payment shall be given per commodity completed and after a Certificate of Inspection and Acceptance has been issued.	Within 12 months after the delivery of the Customized Features	10% of the contract price net of 10% retention
TOTAL		100%

9. TIMELINES FOR IMPLEMENTATION OF THE PROJECT

ITEM	Delivery Date
Required Components Module (Sec 5.1) and the Development and Staging environment	15 days after receipt of Notice to Proceed
Delivery of Software Customization (First Set) <ul style="list-style-type: none"> Data Standards Mapping (Sec 5.2.3) XML Web Services API (SOAP) – 	30 days after delivery Required Components Module

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<p>Request/Response (Sec 5.2.5)</p> <ul style="list-style-type: none"> • Reference Databases / Registries (Sec 5.2.6) • Advanced Configuration (5.2.8) • Mobile Components (5.2.11) 		
<p>Delivery of Software Customization (Second Set)</p> <ul style="list-style-type: none"> • Client Secure Components (Sec 5.2.1) • Process Manager Secure Components (Sec 5.2.2) • Systems Integration (Sec 5.2.4) • Performance Dashboard Statistics (Sec 5.2.7) • Reports Management and Advanced Analytics (Sec 5.2.9) • Business Process Interoperability Customization (Sec 5.2.10) 	30 days after delivery of the first set of Customization Component Modules	
<p>System Code, Manuals and Documentations</p> <ul style="list-style-type: none"> • System code for delivered components • User Manuals, Administrator Manuals, Technical Documentations 	5 days after delivery and user acceptance of every component/module	
<p>Conduct of Trainings and Delivery of VMI</p>	5 days after delivery and user acceptance of the completed Software Component Modules including the Customized Component Modules	
<p>One (1) year Annual Software Warranty and Maintenance</p>	Immediately after delivery of the second set of Customization Component Modules	
<p>Twelve (12) months of on-site technical staffing support for functional onboarding (See Section 5.3)</p>	Immediately after delivery of the second set of Customization Component Modules	

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10. Service Level Agreement - is an agreement between the Service Provider and the Service Seeker that defines the Service Levels, the terms and conditions for enforcing the Service Levels and the remedies in case the Service Levels are not fulfilled.

Severity Level	Maximum Resolution Time (from the time problem is determined during the response time to the time of resolution)
High/Critical/Down	Four (4) Hours
Medium/Normal	Next Business Day
Low/General Question	Two (2) Business Days

11. EXCLUSIONS

11.1. Software License for the specified technology environment of the system

11.1.1. Delivery of Software License does not include delivery of licenses of technology environment specified under **Section 5.5.1** (Runtime and Customization Development Technical Specifications) of this document.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualifications, the same shall give rise to automatic disqualification of our bid.

Name of Company

**Signature Over Printed Name
Of Authorized Representative**

Date

PROOF OF CONCEPT EVALUATION CRITERIA

1. Required Component Modules

1.1. User Categories and Profile Management

- 1.1.1. System must allow for the dynamic creation and management of multiple user categories and access definitions in a multi-tenant environment;
- 1.1.2. System must allow for the dynamic creation of multiple levels of access privileges within each tenant;
- 1.1.3. User categories will be disclosed to the winning bidder.

1.2. Public Accessible Components

1.2.1. **Content and Information** - Provide the general public value-added content inclusive of news, announcements, events, articles, and other relevant information:

- 1.2.1.1. Capability of users to directly view information catalogs or search for contents of catalogs using free-form text values;
- 1.2.1.2. Capability of catalog to accept and receive updates from external sources.

1.2.2. Advanced Search

- 1.2.2.1. Capability of users to search using specialized values in free-form text (e.g. commodity codes);
- 1.2.2.2. Capability of system to provide users with in-depth information related to the user-defined search parameters;
- 1.2.2.3. Capability of users to store searched queries (for registered users only);
- 1.2.2.4. Capability of users to trigger an import permit application process using the user-defined search parameters;

1.2.2.5. Provide autocomplete and auto-suggest features.

1.2.3. Value Calculator

1.2.3.1. Capability of users to compute value using search-specific absolute strings or absolute free-form, semantically-matched text words or phrases with reference to data values of the PNTR system;

1.2.3.2. Capabilities to cache calculator input data and to, upon login or registration/login, prepopulate import permit application form fields.

1.2.4. User Login and Self-Registration

1.2.4.1. Provides a secure login page for registered users to login;

1.2.4.2. Provides a secure facility for users to register for a user account;

1.2.4.3. Provides multi-factor authentication features;

1.2.4.4. Provides feedback on password complexity;

1.2.4.5. Provides lock-out after a system-configurable number of login attempt failures, sending an alert message, and trigger identity verification or password recovery mechanisms.

1.2.5. User Experience

1.2.5.1. Provides a responsive layout for consistency of use across different end-point devices (desktop, laptop, tablet, smartphone) via a browser.

1.3. Client Secure Components

1.3.1. User Profile Management

1.3.1.1. Provides authenticated user administrators the ability to add user accounts and trigger alternative user-verification identity protocols, update or delete user accounts and permissions; create, update, add members to, set permissions to or delete groups;

1.3.1.2. Provides authenticated users the ability to update individual profiles, personal photo, contact information and address. The system must be able to send a confirmation email to a registered

email address and log the IP and geo-location where the profile was created;

- 1.3.1.3. Provides authenticated users the ability to manage contact address books, create a company profile (if the authenticated user is a company), URL, and email addresses;
- 1.3.1.4. Send a confirmation email to the registered email address that includes information on the IP address and geo-location used by the person to update the information of the user profile;
- 1.3.1.5. Must provide an option for the authenticated user to register oneself according to different client-user types, and trigger the corresponding verification process.

1.3.2. Trade Inbound Permit Application

- 1.3.2.1. Must provide registered users with the facility to complete and submit import permit applications using a trade agency-defined application form;
- 1.3.2.2. Must provide users with the ability to track the progress of application processes as it progresses through the different approving or issuing trade agency along with the expected processing timelines;
- 1.3.2.3. Must provide users with the ability to view the status of each lodged import permit application;
- 1.3.2.4. Must provide the ability for the system to store a record of issued permits per applicant;
- 1.3.2.5. Must provide users with the ability to upload, categorize, and store images, photos, searchable PDF documents, or scanned documents as may be required by trade agencies in support of each type of application;
- 1.3.2.6. Must allow the user to save and update an application, recover a draft application from the last known state (e.g. in case of power loss), delete a saved or draft application, or withdraw a submitted application;
- 1.3.2.7. Must provide the user the ability to view a filtered list of or all import permit applications.

1.3.3. Issued Trade Inbound Permits Management

- 1.3.3.1. Provides authenticated users the ability to view and manage import permits explicitly indicating the issuing agency, the date of issuance, date of expiry, and to-date utilization of each permit;
- 1.3.3.2. Provides authorized trade agency assessors with the ability to view the status of issued permits and confirm and close each issued permit upon consumption;
- 1.3.3.3. The system must be able to generate/produce a printable and XML version of an import declaration or single administrative document;
- 1.3.3.4. The system must provide an API facility to interchange data with authorized and authenticated external users or systems.

1.3.4. Commodity Movement Management

- 1.3.4.1. The system must provide data elements and the requisite data structure that is consistent with shipment management;
- 1.3.4.2. Users shall have the ability to create new shipment transactions. A wizard-based function will allow users, based on their specified role/type, to enter transaction details, save drafts, retrieve saved drafts, delete drafts, and submit transactions;
- 1.3.4.3. The system must provide the facility for users to inherit details from the import declaration or single administrative document to prefill web forms for a shipment declaration or House Bill of Lading(HBL)/Airway Bill of Lading(AWBL);
- 1.3.4.4. The system must allow authenticated users the ability to specify the information of the actors transporting the commodity and its means of transport to the Philippines such as but not limited to forwarder/consolidator, container number, vessel (international and regional), vessel registry (international and regional);
- 1.3.4.5. The system must provide authenticated users the facility to itemize and assign a value and weight particulars to packing list details and directly associate line items to a verifiable import permit or certificate;
- 1.3.4.6. The system must provide multi-currency capability (USD to PHP);

- 1.3.4.7. The system must provide the facility to aggregate packing list details into containers;
- 1.3.4.8. The system must provide the facility to upload and categorize images or scanned documents, a packing list and other reference materials in support of each permit application;
- 1.3.4.9. The system must allow authenticated forwarders ability to complete/update shipment records assigned to them by shippers stored without vessel particulars. Upon assignment of vessel particulars, the system must seal the same records so that it can no longer be modified;
- 1.3.4.10. The system must allow authenticated users, the ability to specify the date of shipment arrival;
- 1.3.4.11. The system must allow authenticated users the ability to specify the shipment consignee or nominate registered users (using the system account-generated ID) as shipment actors (such as forwarders) of the shipment;
- 1.3.4.12. The system must maintain a permanent log of the IP and geo-location where the updates to the records occurred;
- 1.3.4.13. The system must be able to generate/produce a printable and XML-exportable version of the HBL or AWBL;
- 1.3.4.14. The system must have a facility for users to save commonly-used commodities and/or shipment actors as a template for future applications;
- 1.3.4.15. Provide the facility for users to self-declare or assign third-party registered users to verify adherence to rules set by government agencies.

1.3.5. Shopping Cart

- 1.3.5.1. The system must provide the facility for authenticated users to consolidate payable items into a single but line-item type-classified and categorized payment transaction;
- 1.3.5.2. The system must provide the facility for authenticated users to generate a printable and XML-exportable payables statement;
- 1.3.5.3. The system must be able to receive payment confirmation from a payment gateway;

1.3.5.4. The system must provide an API facility to interchange data with secure external systems.

1.3.6. User Dashboard

- 1.3.6.1. Must provide users the ability to switch dashboards according to its verified client-user type;
- 1.3.6.2. Must provide authenticated users the facility to visually monitor the status of active applications, shipments and payments;
- 1.3.6.3. Must provide authenticated users the facility to view feedback or updates related to each transaction, and view historical transactions by user role.

1.4. Process Manager Secure Components

1.4.1. Process Manager Group and User Profile Management

- 1.4.1.1. Must provide authenticated trade agency process manager administrators the facility to define and create groups, define permissions, and add members;
- 1.4.1.2. Must provide authenticated trade agency process manager users the ability to update individual profiles, personal photo, contact information and address. The system must be able to send a confirmation email to a registered email address and log the IP and geo-location where the profile was created;
- 1.4.1.3. Provides authenticated trade agency process manager users the ability to manage contact address books, URL, and email addresses;
- 1.4.1.4. Send a confirmation email to the registered email address that includes information on the IP address and geo-location used by the person to update the information of the user profile.

1.4.2. Business Process Configuration

- 1.4.2.1. The system must provide the facility for authenticated trade agency process manager users to define/modify/update business process flows, business rules, workflow and routing specifications that affect the behavior of the system without downtime;

- 1.4.2.2. The system must provide the facility for authenticated trade agency process manager users to design, configure, update/modify registration and permit/certificate forms;
- 1.4.2.3. The system must provide authenticated trade agency process manager system administrators the facility to define entity-level groups, and define user memberships and permissions;
- 1.4.2.4. The system must provide the facility for authenticated trade agency process manager users to configure/update a fee schedule used to calculate payments in the shopping cart.

1.4.3. Permit Application Processing and Management

- 1.4.3.1. The system must allow authenticated trade agency process manager users (by specified roles) the facility to review, approve, issue, or cancel import permit applications;
- 1.4.3.2. The system must allow authenticated trade agency process manager users access to a queue of import application tasks in FIFO order. Users must not be able to transact or process applications out of sequence;
- 1.4.3.3. The system must allow authenticated trade agency process manager supervisors the facility to assign and monitor service tasks related to import application processing;
- 1.4.3.4. The system must provide the facility for authenticated users to upload and validate certificates of digitally signed import permit/import certification issuances;
- 1.4.3.5. The system must provide the facility to email applicants status updates containing links to a confirmation of receipt of payment, processing status, and final dispositions or issuances;
- 1.4.3.6. The system must allow authenticated agency supervisors the facility to monitor and track the utilization of issued import permits;
- 1.4.3.7. The system must allow authenticated system administrators the facility to print or export a list (XML-formatted) of issued import permits detailing the following:
 - i. Issuing Agency
 - ii. Date of Issuance
 - iii. Name of Approving Individual

- iv. Permit Specifications
- v. Assessed Market Value
- vi. Date of Expiration
- vii. Validity Period
- viii. Utilization Status

1.5. System Administration (Secure)

1.5.1. Single Administrative Document Configuration

1.5.2. Web Services and API Gateway Configuration

1.5.3. Data Exchange Configuration and Permissions Management

1.5.4. Self-Configuration (for authorized/designated roles only)

- 1.5.4.1. Must provide the facility to make real-time changes to form content, layout and design, with the capability to instantly push changes as a standard process;
- 1.5.4.2. Must provide the facility to tailor content to different user groups and departments;
- 1.5.4.3. Create, manage, and service notifications such as email, user activity feeds, and application processing notifications;
- 1.5.4.4. Must provide advanced customization of workflows with drag-and-drop functionality;
- 1.5.4.5. Includes additional configuration tools such as a form designer which can use/incorporate additional HTML and JavaScript design tools;
- 1.5.4.6. Upload and use custom logos (in prescriptive pixel sizes);
- 1.5.4.7. Provide flexibility in the use of dynamic web forms, module level permissions, with the ability to hide, show or make read-only data elements based upon a user's user group, location, geography, and role.

1.6. Reference Databases / Registries

1.6.1. Local Database Copies

- 1.6.1.1. Must have the ability to retrieve and store data from external registries and automatically check for updates in system-configurable times or time periods.

1.6.2. Tariff Registry

1.6.3. Philippine Standards Commodity Classification Code Registry (Expanded Registry)

1.6.4. Business Registries

1.6.5. Philippine Postal Code Registry

1.6.6. Transport Registries

2. Technical Specifications

2.1. Runtime and Customization Development Technical Specifications

- 2.1.1. Enterprise Microservices Development and Runtime Platform
- 2.1.2. Embedded BPMN 2.0 compliant Business Process Management Tool
- 2.1.3. Enterprise RDBMS
- 2.1.4. NoSQL XML Document Database
- 2.1.5. Open source Enterprise Server Operating System
- 2.1.6. Cloud Infrastructure: IaaS (e.g. Amazon Web Services, Azure)
- 2.1.7. Development and Runtime Engine: Java
- 2.1.8. Application Deployment Model: Microservices
- 2.1.9. External Integration: Web Services (SOAP/REST)
- 2.1.10. Enterprise IP Geolocation Service

2.2. Core services

- 2.2.1. The system will be a cloud-based IaaS platform that integrates a microservice-based application system with the an enterprise process flow management and administration portal functionality, a market-

facing portal functionality, enterprise management portal functionality, profiling portal, user authentication and authorization, semantic search, value calculator, reporting and analytics.

- 2.2.2. Core services will be implemented as microservices. Microservice intercommunication will be routed either through an enterprise service bus or via an API-management gateway with the option to limit microservice intercommunication to preset IP addresses.
- 2.2.3. Interface or integration with external systems must be through a web service using standard SOAP/REST protocols.
- 2.2.4. Microservices and web services must support, at the minimum, XML 1.0, SOAP 1.1, HTTP 1.1 with SSL3.0/TLS 1.0+ with the capability to easily adapt to the latest standard recommendations upon release, and must be compliant with the latest WS standards;
- 2.2.5. The system must support single-sign on (OAuth 2.0 and SAML) and security certification protocols using the latest standards (i.e. X.509, SSL/TLS, OCSP/CRL, and PKCS12).
- 2.2.6. Form data elements must utilize the latest XForms/XSLT standards. Form data elements must be made available to and/or retrievable from external systems via a web service and/or exportable/importable in XML format.
- 2.2.7. The system must provide micro- and web service facility to manage service instances, usage, and others including the capability to horizontally scale up to maintain performance specifications.
- 2.2.8. The system must be compatible with IP geolocation libraries and/or able to access IP geolocation web services.
- 2.2.9. The system must provide the capability to create a backup instance in a different cloud zone with built-in automatic synchronization whilst optimizing operational and maintenance costs.
- 2.2.10. The system must provide backwards compatibility with global data interchange standards.

2.3. Management Portal Functionality

- 2.3.1. The portals must provide a UI-based integrated functionality to provide standard administrative tools including management of users, user

profiles and permissions, report generation and analytics, performance dashboards, etc.

2.4. Enterprise Process Flow Management and Administrative Functionality

2.4.1. The process flow management microservice must allow multi-tenancy with the capability to independently and securely define process flows and process flow data.

2.4.2. The portal must provide UI-based integrated functionality to define process flows, assign users and user permissions, and other process management functions, as well as an administrative component to manage users, databases, reports, etc.

2.5. Database

2.5.1. The system must use a horizontally scalable NoSQL data store (capable of using JSON data format) and a scalable RDBMS with the option to provide encrypted storage.

2.5.2. The system utilizes a centralized database service to ensure data consistency across micro- and web services and their instances.

2.6. Reporting and Analytics

2.6.1. The reporting and analytics tool must have the capability to access and process data from the database.

2.6.2. There must be a capability to integrate graphical reporting capabilities via ETL.

2.7. Application Development and Delivery Framework

2.7.1. System applications must use a machine-independent and cross-platform development environment.

2.7.2. The enterprise PaaS must allow for continuous delivery and continuous integration of cloud-based microservices or component applications with near zero overhead for deploying, configuring, updating and maintaining high availability whilst minimizing costs, time and other risks in delivering changes or updates.



Revised Annex V as of 31 May 2016
(page 1 of 5)

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE

Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System
BAC4IGOV-2016-05-006

REVISED TECHNICAL BID FORM AS OF 31 MAY 2016

INSTRUCTION TO THE SUPPLIER: Indicate "COMPLY" (per line number) under **Bidder's Statement of Compliance** if Bidder can meet the technical specifications and project requirements. DO NOT LEAVE ANY BLANK. A "YES" or "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".

Line No.:	Project Requirements	Bidder's Statement of Compliance
1	ICT Office's Section VII Technical Specifications For the Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System	
2	ITEM	BRAND

BIDDER'S UNDERTAKING

I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable hereby OFFER to (supply/deliver/perform) the above described items.

I/We undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security **within ten (10) calendar days** from receipt of the Notice of Award.

Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.

Name of Company (in print)
Signature of Company Authorized Representative
Name and Designation (in print)
Date



Revised Annex V as of 31 May 2016
(page 2 of 5)

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.		
INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE		
Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System BAC4IGOV-2016-05-006		
REVISED TECHNICAL BID FORM AS OF 31 MAY 2016		
INSTRUCTION TO THE SUPPLIER: Indicate "COMPLY" (per line number) under Bidder's Statement of Compliance if Bidder can meet the technical specifications and project requirements. DO NOT LEAVE ANY BLANK. A "YES" or "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".		
Line No.:	Other Requirements	Bidder's Statement of Compliance
3	Bidder has no overdue deliveries or unperformed services intended for the ICT Office	
4	Bidder did not participate as consultant in the preparation of the design or technical specifications of the GOODS as subject of the bid	
<p style="text-align: center;">BIDDER'S UNDERTAKING</p> <p>I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable hereby OFFER to (supply/deliver/perform) the above described items.</p> <p>I/We undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.</p> <p>Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.</p>		
Name of Company (in print)		
Signature of Company Authorized Representative		
Name and Designation (in print)		
Date		



Revised Annex V as of 31 May 2016
(page 3 of 5)

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.		
INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE		
Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System		
BAC4IGOV-2016-05-006		
REVISED TECHNICAL BID FORM AS OF 31 MAY 2016		
INSTRUCTION TO THE SUPPLIER: Indicate "COMPLY" (per line number) under Bidder's Statement of Compliance if Bidder can meet the technical specifications and project requirements. DO NOT LEAVE ANY BLANK. A "YES" or "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".		
Line No.:	Project Requirements If Awarded the Contract	Bidder's Statement of Compliance
5	Delivery Place ICT Office, CP Garcia Avenue, UP Diliman, Quezon City	
6	Delivery Period Fifteen (15) months from the receipt of Notice to Proceed	
<p style="text-align: center;">BIDDER'S UNDERTAKING</p> <p>I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable hereby OFFER to (supply/deliver/perform) the above described items.</p> <p>I/We undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.</p> <p>Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.</p>		
Name of Company (in print)		
Signature of Company Authorized Representative		
Name and Designation (in print)		
Date		

Supplemental Bid Bulletin No. 2



Revised Annex V as of 31 May 2016
(page 4 of 5)

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.		
INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE		
Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System BAC4IGOV-2016-05-006		
REVISED TECHNICAL BID FORM AS OF 31 MAY 2016		
INSTRUCTION TO THE SUPPLIER: Indicate "COMPLY" (per line number) under Bidder's Statement of Compliance if Bidder can meet the technical specifications and project requirements. DO NOT LEAVE ANY BLANK. A "YES" or "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".		
Line No.:	Project Requirements If Awarded the Contract	Bidder's Statement of Compliance
7	Operations and Maintenance Manual To submit Operation and Maintenance Manual upon completion of the project (in CD and hard copy).	
8	Replacement of Defective Items Replacement of defective items delivered within five (5) working days from the receipt of Notice of Defects from the ICT Office. Service unit must be provided while awaiting replacement.	
<p align="center">BIDDER'S UNDERTAKING</p> <p>I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable hereby OFFER to (supply/deliver/perform) the above described items.</p> <p>I/We undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.</p> <p>Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.</p>		
Name of Company (in print)		
Signature of Company Authorized Representative		
Name and Designation (in print)		
Date		



Revised Annex V as of 31 May 2016
(page 5 of 5)

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.			
INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE			
Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System			
BAC4IGOV-2016-05-006			
REVISED TECHNICAL BID FORM AS OF 31 MAY 2016			
INSTRUCTION TO THE SUPPLIER: Indicate "COMPLY" (per line number) under Bidder's Statement of Compliance if Bidder can meet the technical specifications and project requirements. DO NOT LEAVE ANY BLANK. A "YES" or "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".			
Line No.:	Project Requirements If Awarded the Contract		Bidder's Statement of Compliance
9	Warranty	Warranty Certificate issued for One Year in favor of the ICT Office.	
<p style="text-align: center;">BIDDER'S UNDERTAKING</p> <p>I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable hereby OFFER to (supply/deliver/perform) the above described items.</p> <p>I/We undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.</p> <p>Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.</p>			
Name of Company (in print)			
Signature of Company Authorized Representative			
Name and Designation (in print)			
Date			

Supplemental Bid Bulletin No. 2



Revised Annex VII-A as of 31 May 2016

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER.

INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE

REVISED DETAILED FINANCIAL BREAKDOWN AS OF 31 MAY 2016

(QUOTED PRICE MUST BE INCLUSIVE OF VAT AND DELIVERED DUTIES PAID)

Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System

BAC4IGOV-2016-05-006

INSTRUCTION:

-The Sum of the Detailed Financial Breakdown must be equal to the Financial Bid per Annex VII.

-Do not leave any blanks. Indicate "0" if the item is being offered for free.

Item	Qty	Unit Cost	Total Cost per Item
Software Licenses, source code, manuals and documentation of the required component modules – 50% of the bid price net of 10% retention			
First delivery of customized features, source code, manuals and documentation – 10% of the bid price net of 10% retention			
Second delivery of customized features, source code, manuals and documentation - 10% of the bid price net of 10% retention			
Trainings – payment of 10% upon completion of training net of 10% retention			
On-board Support – progress payment per commodity - 1/8 of 20% of the bid price net of 10% retention			
TOTAL			

TOTAL BID PRICE (Amount in Words):

BIDDER'S UNDERTAKING

I/We, the undersigned bidder, having examined the bidding documents including Bid Bulletins, as applicable hereby OFFER to (supply/deliver/perform) the above described items.

I/We undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security **within ten (10) calendar days** from receipt of the Notice of Award.

Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.

Name of Company (in print)

Signature of Company Authorized Representative

Name and Designation (in print)

Date

ICT OFFICE BAC4IGOV	
CHECKLIST OF REQUIREMENTS FOR BIDDERS AS OF 31 MAY 2016	
Name of Company :	_____
Name of Project :	Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System
Bid Reference No. :	BAC4IGOV-2016-05-006
ABC :	₱152,376,000.00
Ref. No.	Particulars
ENVELOPE 1: ELIGIBILITY AND TECHNICAL DOCUMENTS	
ELIGIBILITY DOCUMENTS	
CLASS "A" DOCUMENTS	
12.1	(a.1.) ELIGIBILITY DOCUMENTS
	i. Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives
	ii. Business/Mayor's permit for 2016 issued by the city or municipality where the principal place of business of the prospective bidder is located
	iii. Valid and Current Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR.
	iv. Statement of all its Ongoing (including awarded contract/s not yet started, if any) and Completed Contracts within the last three (3) Years, (Annex I)
	v. Statement of Completed Single Largest Contract from January 2010 up to the day before the deadline for the submission bids of similar in nature equivalent to at least fifty percent (50%) of the ABC. Annex I-A
	vi. Copy of 2015 Annual Income Tax Return submitted through BIR's Electronic Filing and Payment System (EFPS) together with the following Audited Financial Statements for 2015 and 2014 (in comparative form or separate reports): a) Copy of Independent Auditor's Report; b) Balance Sheet (Statement of Financial Position); c) Income Statement (Statement of Comprehensive Income); Each of the above statements must have stamped " received " by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions
	vii. Duly signed Net Financial Contracting Capacity Computation (NFCC) per Annex II , in accordance with ITB Clause 5.5 $NFCC = [(Current\ Assets\ minus\ Current\ Liabilities)\ (K)]\ minus\ the\ value\ of\ all\ outstanding\ or\ uncompleted\ portions\ of\ the\ projects\ under\ ongoing\ contracts,\ including\ awarded\ contracts\ yet\ to\ be\ started\ coinciding\ with\ the\ contract\ to\ be\ bid.$ Where:

Supplemental Bid Bulletin No. 2

	<p>K: 10 for a contract duration of one year or less, 15 for a contract duration of more than one year up to two years, and 20 for a contract duration of more than two years.</p> <p>Notes:</p> <ol style="list-style-type: none"> The values of the bidder's current assets and current liabilities shall be based on the data submitted to BIR through its Electronic Filing and Payment System. Value of all outstanding or uncompleted contracts refers those listed in Annex-I. The detailed computation using the required formula must be shown as provided above. 	
CLASS "B" DOCUMENTS (FOR JOINT VENTURE)		
	<p>i. For Joint Ventures, Bidder to submit either:</p> <ol style="list-style-type: none"> Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or Copy of Protocol / Undertaking of Agreement to Enter into Joint Venture signed by all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful. (Annex III) <p><u>The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (Annex III) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture.</u></p> <p>For Joint Venture, the following documents must likewise be submitted:</p> <p>For Joint Venture <u>Between Two (2) Local Companies</u>, each partner should submit:</p> <ol style="list-style-type: none"> Registration Certificate from the Securities and Exchange Commission (SEC) for corporations, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives; Business/Mayor's permit for 2016 issued by the city or municipality where the principal place of business of the prospective bidder is located; Valid and Current Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR. 	
	<p>For item (iv) to (vii) of the required eligibility documents, submission by any of the Joint Venture partner constitutes compliance.</p>	

TECHNICAL DOCUMENTS

12.1 (b)(i)	<p>Bid security shall be issued in favor of the INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE (ICT Office) valid at least one hundred twenty (120) days after date of bid opening in any of the following forms:</p> <p>a) BID SECURING DECLARATION per Annex IV; or b) Cashier's / Manager's Check equivalent to at least 2% of ABC issued by a Local or Universal or Local Commercial Bank.</p> <table border="1" data-bbox="320 584 1321 1137"> <thead> <tr> <th data-bbox="320 584 671 741">Description</th> <th data-bbox="671 584 794 741">Qty</th> <th data-bbox="794 584 1043 741">ABC Total Price</th> <th data-bbox="1043 584 1321 741">Bid Security: Cash, Cashier's / Manager's Check, (2%) (P)</th> </tr> </thead> <tbody> <tr> <td data-bbox="320 741 671 1137">Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System</td> <td data-bbox="671 741 794 1137">1 Lot</td> <td data-bbox="794 741 1043 1137">152,376,000.00</td> <td data-bbox="1043 741 1321 1137">3,047,520.00</td> </tr> </tbody> </table>	Description	Qty	ABC Total Price	Bid Security: Cash, Cashier's / Manager's Check, (2%) (P)	Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System	1 Lot	152,376,000.00	3,047,520.00	
Description	Qty	ABC Total Price	Bid Security: Cash, Cashier's / Manager's Check, (2%) (P)							
Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System	1 Lot	152,376,000.00	3,047,520.00							
12.1 (b)(ii)	Duly signed and completed Technical Bid Form. Bidder must use, accomplish and submit the Technical Bid Form hereto attached as per Revised Annex V as of 31 May 2016 .									
12.1 (b)(x)	<p>Proof of Authority of the Bidder's authorized representative/s:</p> <p>a) FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE): Duly notarized Special Power of Attorney</p> <p>b) FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE: Duly notarized Secretary's Certificate evidencing the authority of the designated representative/s.</p> <p>IN THE CASE OF UNINCORPORATED JOINT VENTURE: Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.</p>									
12.1 (b)(xi)	<p>Omnibus Sworn Statements using the form prescribed. (Annex VI)</p> <p>a) Authority of the designated representative b) Non-inclusion of blacklist or under suspension status c) Authenticity of Submitted Documents d) Authority to validate Submitted Documents e) Disclosure of Relations f) Compliance with existing labor laws and standards g) Bidder's Responsibility h) Did not pay any form of consideration i) Company Official Contact Reference</p>									

12.1 (b)(xii)	Compliance with the Revised Schedule of Requirements as of 20 May 2016 per Section VI	
12.1 (b)(xiii)	Compliance with the Revised Technical Specifications as of 31 May 2016 per Section VII	
ENVELOPE 2: FINANCIAL DOCUMENTS		
13.1 (a)	Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Financial Bid Form hereto attached Annex VII.	
	Description	Qty
	ABC P (VAT Inclusive)	Total
	Supply, Delivery, Installation and Configuration of Software Components and Perpetual Licenses to Implement the Government Operations Management Interoperability Platform and Profiling System	1 Lot
	The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted. Further, the sum of bid for each item indicated in the Detailed Financial Breakdown per Annex VII-A must be equal to the signed and submitted Financial Bid Form per Annex VII.	
13.1 (a)	Detailed Financial Breakdown per Revised Annex VII-A as of 31 May 2016	
15.4(a) (i) & 15.4(b) (ii)	Completed "For Goods Offered from Abroad" and/or "For Goods Offered From Within the Philippine" Forms per Annex VIII-A and Annex VIII-B, whichever is applicable.	
13.1 (b)	If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a Certification from the DTI, SEC or CDA to be enclosed pursuant to the Revised IRR of R.A. 9184.	
NOTE:	In case of inconsistency between the Checklist of Requirements for Bidders and the provisions in the Instruction to Bidders/Bid Data Sheet, the Instruction to Bidders/Bid Data Sheet shall prevail	