



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

Supplemental Bid Bulletin No. 1

Supply and Delivery of Layer 3 Aggregation Routers

Bid Reference No. BAC4IGOV-2015-11-062 (Rebid)

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

| ACTIVITY | PREVIOUS SCHEDULE | REVISED SCHEDULE |
|-------------------|-----------------------------|-----------------------------|
| Submission of Bid | 15 December 2015 12 Noon | 21 December 2015 12 Noon |
| Opening of Bid | 15 December 2015 1 PM | 21 December 2015 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:

| Original Provision | Amended Provision |
|--|--|
| 2.5 Ports: 4 x 10 GE SFP+, 20 x 1 GE SFP | 2.5 Ports: 4 x 10 GE SFP+, 20 x 1 GE SFP, included transceivers 4x10GESFP+ LR and 10 x 1GE SFP LX/LH |

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and instructions to bidders specified in the Bidding Documents inconsistent with this Bid Bulletin are hereby superseded and modified accordingly.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 14 December 2015
- Revised Checklist of Requirements as of 14 December 2015

For information and guidance of all concerned.

Issued this 14th day of December 2015.

(SGD.) DENIS F. VILLORENTE
Chairman, BAC4IGOV



Revised Technical Specifications as of 14 December 2015

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".**

| ITEM | SPECIFICATION | STATEMENT OF COMPLIANCE |
|------|---|-------------------------|
| | <u>LAYER 3 AGGREGATION ROUTERS</u> | |
| | Overview: This Router will serve as the main border router to the core of the network. This device will handle connection from uplink providers and as transit for a Wide Area Network with current speed of at least 10Gbps and expected to reach 40Gbps in the near future. | |
| | <u>BORDER ROUTERS:</u> | |
| | <u>MINIMUM HARDWARE FEATURES</u> | |
| | 1. Hardware Summary: | |
| | 1.1. 2 Rack Unit | |
| | 1.2. Quantity 5 | |
| | 1.3. Redundant AC Power Supply Unit with C13 power cables for rated for 220v/30A | |
| | 1.4. Supplier warranty for 3 years | |
| | 1.5. Chassis Capacity: | |
| | 1.6. Switching: 120Gbps | |
| | 2. Integrated Route Switch Processor | |
| | 2.1. High-capacity full-duplex integrated dual switch fabric | |
| | 2.2. 8-GB ECC-protected DRAM | |
| | 2.3. Memory external: USB 2.0 Type A receptacle | |
| | 2.4. Timing: Two independent clock source connections | |
| | 2.5. Ports: 4 x 10 GE SFP+, 20 x 1 GE SFP, included transceivers 4x10GESFP+ LR and 10 x 1GE SFP LX/LH | |

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| | 2.6. Management | |
| | 2.6.1. Two 100/1000 BASE-T (RJ-45) LAN management ports | |
| | 2.6.2. One console port | |
| | 2.6.3. One auxiliary port | |
| | 2.7. Compliance: | |
| | 2.7.1. ETSI: | |
| | 2.7.1.1. EN300 386: Telecommunications Network Equipment (EMC) | |
| | 2.7.1.2. ETSI 300 019 Storage Class 1.1 | |
| | 2.7.1.3. ETSI 300 019 Transportation Class 2.3 | |
| | 2.7.1.4. ETSI 300 019 Stationary Use Class 3.1 | |
| | 2.7.1.5. EN55022: Information Technology Equipment (Emissions) | |
| | 2.7.1.6. EN55024: Information Technology Equipment (Immunity) | |
| | 2.7.1.7. EN50082-1/EN-61000-6-1: Generic Immunity Standard | |
| | 2.7.2. EMC: | |
| | 2.7.2.1. FCC Class A | |
| | 2.7.2.2. ICES 003 Class A | |
| | 2.7.2.3. AS/NZS 3548 Class A | |
| | 2.7.2.4. CISPR 22 (EN55022) Class A | |
| | 2.7.2.5. VCCI Class A | |
| | 2.7.2.6. BSMI Class A | |
| | 2.7.2.7. IEC/EN 61000-3-2: Power Line Harmonics | |
| | 2.7.2.8. IEC/EN 61000-3-3: Voltage Fluctuations and Flicker | |
| | 2.7.2.9. EN 50121-4: Railway EMC | |
| | 3. Software Features: | |
| | 3.1. Layer 3 Routing: | |
| | 3.1.1. IPv4 Routing (BGP, Intermediate System-to-Intermediate System [IS-IS], and Open Shortest | |

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| | Path First [OSPF]), Hot Standby Router Protocol (HSRP), Virtual Router Redundancy Protocol (VRRP), and IPv6 routing (OSPF v3 and ISIS) | |
| | 3.2. MPLS: | |
| | 3.2.1. Label Distribution Protocol (LDP), Targeted LDP (T-LDP), Resource Reservation Protocol (RSVP), Differentiated Services (DiffServ)-aware traffic engineering, MPLS L3VPN (including Carrier Supporting Carrier [CSC]), IPv6 Provider Edge and IPv6 VPN to Provider Edge | |
| | 3.2.2. MPLS Traffic Engineering (including TE-FRR) | |
| | 3.2.3. MPLS TE Preferred Path | |
| | 3.3. More than 3 million queues per system Class-Based Weighted Fair Queuing (CBWFQ) | |
| | 3.4. Weighted Random Early Detection (WRED) | |
| | 3.5. Priority Queuing with propagation | |
| | 3.6. 2-rate 3-color (2R3C) Policing | |
| | 3.7. Modular QoS CLI (MQC) | |
| | 3.8. 4-level H-QoS | |
| | 3.9. Multicast: | |
| | 3.9.1. IPv4 Multicast: | |
| | 3.9.1.1. Source-based and shared distribution trees, Protocol Independent Multicast sparse mode (PIM-SX), PIM Source Specific Multicast (PIM SSM), Automatic route processing (AutoRP), Multiprotocol BGP (MBGP), Multicast Virtual Private Network (MVPN), and Multicast Source Discovery Protocol (MSDP) | |
| | 3.9.2. Internet Group Management Protocol Versions 2 and 3 (IGMPv2 and v3) | |
| | 3.9.2.1. IGMPv2 and v3 snooping | |
| | 3.10. Security: | |
| | 3.10.1. ACLs; control-plane protection; routing authentications; authentication, authorization, and accounting (AAA) and TACACS+; Secure Shell (SSH) Protocol; SNMPv3; and leading RPL support | |
| | 3.10.2. Layer 2 ACLs: Can be used to filter packets under an EVC based on MAC addresses | |



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| | 3.10.3. Layer 3 ACLs: Provides ACL matching by IPv4 packet attributes | |
| | 3.10.4. Security: Critical security features supported: | |
| | 3.10.5. 802.1ad Layer 2 Control Protocol (L2CP) and bridge-protocol-data-unit (BPDU) filtering | |
| | 3.10.6. MAC limiting per EFP or bridge domain | |
| | 3.10.7. Unicast, multicast, and broadcast storm-control blocking on any interface or port | |
| | 3.10.8. Unknown Unicast Flood Blocking (UUFB) | |
| | 3.10.9. Dynamic Host Configuration Protocol (DHCP) snooping | |
| | 3.10.10. Unicast Reverse Path Forwarding (URPF) | |
| | 3.10.11. Control-plane security | |
| | 3.10.12. Dynamic ARP Inspection (DAI) | |
| | 3.10.13. IP Source Guard (IPSG) | |

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|-----------------|---|------|
| Name of Company | Signature Over Printed Name Of Authorized Representative | Date |
|-----------------|---|------|



ICT OFFICE BAC4IGOV CHECKLIST OF REQUIREMENTS FOR BIDDERS

as of 14 December 2015

Name of Company : _____
Name of Project : **SUPPLY AND DELIVERY OF LAYER 3 AGGREGATION ROUTERS**
Bid Reference No. : **BAC4IGOV-2015-11-062 (REBID)**
APPROVED BUDGET FOR THE CONTRACT : **Php15,000,000.00**

| 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 2015 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) 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 2014 Annual Income Tax Return submitted through BIR's Electronic Filing and Payment System (EFPS) together with the following Audited Financial Statements for 2014 and 2013 (in comparative form or separate reports): <ul style="list-style-type: none"> a) Copy of Independent Auditor's Report; b) Balance Sheet (Statement of Financial Position); c) Income Statement (Statement of Comprehensive Income); <p>Each of the above statements must have stamped "received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions</p> | |

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|--|---|--|
| | <p>vii. Duly signed Net Financial Contracting Capacity Computation (NFCC) per Annex II, in accordance with ITB Clause 5.5 $\text{NFCC} = [(\text{Current Assets minus Current Liabilities}) (K)] \text{ minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.}$ Where: 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 2015 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. | |

| | For item (iv) to (vii) of the required eligibility documents, submission by any of the Joint Venture partner constitutes compliance. | | | | | | | | | |
|--|--|---------------|---|---------|---|--|-------|---------------|------------|--|
| 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"> <thead> <tr> <th>Description</th> <th>Qty</th> <th>ABC (P)</th> <th>Bid Security: Cash, Cashier's / Manager's Check, (2%) (PhP)</th> </tr> </thead> <tbody> <tr> <td>Supply and Delivery of Layer 3 Aggregation Routers</td> <td>1 lot</td> <td>15,000,000.00</td> <td>300,000.00</td> </tr> </tbody> </table> | Description | Qty | ABC (P) | Bid Security: Cash, Cashier's / Manager's Check, (2%) (PhP) | Supply and Delivery of Layer 3 Aggregation Routers | 1 lot | 15,000,000.00 | 300,000.00 | |
| Description | Qty | ABC (P) | Bid Security: Cash, Cashier's / Manager's Check, (2%) (PhP) | | | | | | | |
| Supply and Delivery of Layer 3 Aggregation Routers | 1 lot | 15,000,000.00 | 300,000.00 | | | | | | | |
| 12.1 (b)(ii) | Duly signed and completed Technical Bid Form. Bidder must use, accomplish and submit the Technical Bid Form hereto attached as Annex V . | | | | | | | | | |
| 12.1 (b)(iv) | <p>Brochure (original or internet download / Technical Data Sheet or equivalent document):</p> <p>*Note: If the brochures or technical data sheet are not in English, the same must be accompanied by an English translation. The English translation must be authenticated by the appropriate embassy or consulate of the manufacturer in the Philippines.</p> | | | | | | | | | |
| 12.1 (b)(ix) | <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)(xii) | <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) Did not pay any form of consideration</p> | | | | | | | | | |

| Section VI | Statement of compliance with the Schedule of Requirements | | | | | | | |
|--|--|---------------|-----|-----------------------|-------|--|-------|---------------|
| Section VII | Statement of compliance with the Revised Technical Specifications as of 14 December 2015 | | | | | | | |
| 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 . | | | | | | | |
| | <table border="1"> <thead> <tr> <th rowspan="2">Description</th> <th rowspan="2">Qty</th> <th>ABC P (VAT Inclusive)</th> </tr> <tr> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Supply and Delivery of Layer 3 Aggregation Routers</td> <td>1 lot</td> <td>15,000,000.00</td> </tr> </tbody> </table> <p>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.</p> | Description | Qty | ABC P (VAT Inclusive) | Total | Supply and Delivery of Layer 3 Aggregation Routers | 1 lot | 15,000,000.00 |
| Description | Qty | | | ABC P (VAT Inclusive) | | | | |
| | | Total | | | | | | |
| Supply and Delivery of Layer 3 Aggregation Routers | 1 lot | 15,000,000.00 | | | | | | |
| 13.1 (a) | Detailed Financial Breakdown per Annex VII-A | | | | | | | |
| 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. | | | | | | | |
| 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 , or whichever is applicable. | | | | | | | |
| 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 | | | | | | | |