



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

**Supplemental Bid Bulletin No. 5**

**DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING,  
COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER  
OPTIC CABLE NETWORK IN MARAWI**

**Bid Reference No. BAC4IGOV-2017-06-008**

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

<b><u>Original Provision</u></b>	<b><u>Amended Provision</u></b>
<b>III. Bid Data Sheet</b>	
12(b)(xiv) Must hold a PCAB License on Communications Facilities for a minimum of 5 consecutive years from the date of Bid Opening. (In case of renewal, the bidder must submit PCAB application and Official Receipt);	12(b)(xiv) Must hold a PCAB License on Communications Facilities for a minimum of 5 consecutive years from the date of Bid Opening. <b><u>(In case of renewal, the bidder must submit official receipt on the filing of the application for renewal of PCAB License);</u></b>
<b>VII. Technical Specifications</b>	
4.3. Must hold a PCAB License on Communications Facilities for a minimum of 5 consecutive years from the date of Bid Opening. (In case of renewal, the bidder must submit PCAB application and Official Receipt)	4.3. Must hold a PCAB License on Communications Facilities for a minimum of 5 consecutive years from the date of Bid Opening. <b><u>(In case of renewal, the bidder must submit official receipt on the filing of the application for renewal of PCAB License)</u></b>



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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and instructions to bidders specified in the Bidding Documents inconsistent with this Bid Bulletin are hereby superseded and modified accordingly.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 4 August 2017

For information and guidance of all concerned.

Issued this 4<sup>th</sup> of August 2017.

*(Original Signed)*

**ALLAN S. CABANLONG**

Chairperson, BAC4IGOV



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COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW  
FIBER OPTIC CABLE NETWORK IN MARAWI  
BAC4IGOV-2017-06-008**

**REVISED TECHNICAL SPECIFICATIONS  
AS OF 4 AUGUST 2017**

Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** Clause 3.1.(a)(ii) and/or **GCC** Clause 2.1(a)(ii).

ITEM	MINIMUM SPECIFICATIONS	STATEMENT OF COMPLIANCE
<b>1.</b>	<b>Background of the Project</b>	
	<b>1.1. Overview</b> The project aims to interconnect government agencies in the country to enable faster communication, easier access to government shared services, integrate functions and simplify processes. Agencies connected to the GovNet through a fiber optic backbone will be able to reap the benefits of lower costs of internet services and faster data transfers for effective government-to-government transactions.	
	<b>1.2. Brief Description</b> The Project includes the design, supply, delivery, installation and commissioning of brand new fiber optic cable network and two-year maintenance in Marawi covering fifty-three (53) government agencies/offices which include national government agencies, local government units, state universities and colleges, and rural health units. An approximately 24 km cable to be laid.	



<b>2.</b>	<b>Purpose of the Procurement</b>	
	<p><b>2.1. Rationale</b></p> <p>The purpose of the project is to establish an integrated government network using fiber optic cable in Marawi that will deliver faster communication and ease of access of the citizenry to government services in the country, and at the same time provide effective government-to-government transactions.</p>	
<b>3.</b>	<b>Scope of Work</b>	
	<p><b>3.1. Design, Supply, Delivery, Installation, Splicing, Testing and Acceptance</b></p> <p>The Work includes the supply of engineering services, furnishing of materials, labor, supervision, tools, supplies, and performance of all operations necessary to complete the project, all in accordance with the contract documents and subject to the terms and conditions of the Contract.</p> <p>The Work covers the design-and-build of the above-mentioned project particularly the following components:</p>	
	3.1.1. Survey and preparation of engineering design/plan prior to installation	
	3.1.2. As-built of all plans and drawings (detailed map, cable route, termination, splicing, etc.) required by the project;	
	3.1.3. Erection of poles, pole dressing, guyings and other appurtenances for aerial installation of last mile/distribution cable;	
	3.1.4. Construction of underground(conduit system, micro-trenching, buried, directional drilling, etc) facilities and installation of conduit system/subducts/microducts for the backbone/primary cable route. For air-blown cable, we recommend a 7-way microduct. For traditional cable (underground), we recommend to install three (3) subducts inside a 4-inch HDPE pipe.	
	3.1.5. Laying of underground/buried/air-blown 144-core fiber optic cable(for the backbone) with approximate length of 14 kilometers	
	3.1.6. Laying of figure-8/self-supporting 48-core fiber optic cable(for last mile) to connect all the agencies with approximate length of 10 kilometers;	
	3.1.7. Installation of Optical Distribution Frame (ODF)/patch panel/cabinet including patch cord/pig tails, optical fiber trays, dB loss/amplification and other equipment and accessories inside agency's equipment/ICT room, if necessary;	
	3.1.8. Structural cabling installation (cable trays, conduit, groundings and accessories)	
	3.1.9. Splicing and termination of fiber optic cable;	
	3.1.10. Testing and commissioning (provisional and final acceptance) of newly installed FOC; and	
	3.1.11. Restoration of all affected facilities.	



	<p>Note: Scope of work for the Fiber Network will be up to the Optical Distribution Frame (ODF) only.</p> <p>All connections are to be directly terminated to the user nodes using ODFs/Patch Panels.</p>										
	<p><b>3.2. Two (2) Year Maintenance of Fifty-three (53) Agencies in Marawi Government-FOC Network</b></p> <p>After the completion and acceptance of Marawi FOC Network (ready for light-up), the maintenance activities will commence. The maintenance work includes the following services to be rendered by the Contractor to ensure the continuous operation of the FOC Network:</p>										
	3.2.1. Conduct daily physical inspections for the coverage Area.										
	3.2.2. All route covering all Agencies connected must be inspected at least every quarter per year										
	3.2.3. Restoration and replacements of damaged and/or stolen fiber optic cable										
	3.2.4. Pole replacement / relocation / straightening / erection										
	3.2.5. Re-tensioning and maintain separation of fiber optic cable to other facilities										
	3.2.6. Repair of broken duct/conduit system and other underground facilities										
	3.2.7. Repair/restoration of ODF/patch panel										
	3.2.8. Replacement of FOC pigtail and/or patch cord at the ODF										
	3.2.9. Replacement of damaged Equipment (Media Converter, Switch, router and other active devices) part of the government network										
	3.2.10. Maintenance of warehouse for safe-keeping of spare materials and facilities needed										
	3.2.11. Secure 24/7 on-call/standby maintenance team for immediate response in case of network failure.										
	<p><i>Response and Report Time Target</i></p> <p>Contractor considers all interruptions in service as urgent priority. Expected response and repair time are given in the table below:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;"><i>Hours/Days of Coverage</i></th> <th style="text-align: center;"><i>Response Time</i></th> <th style="text-align: center;"><i>Restoration</i></th> </tr> <tr> <td></td> <th style="text-align: center;"><i>Maximum Time to Respond</i></th> <th style="text-align: center;"><i>Maximum Time to UP the Network</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>24 x 7 x 365 Days Monday to Sunday</i></td> <td style="text-align: center;"><i>1 Hour</i></td> <td style="text-align: center;"><i>6 Hours from the issuance of trouble ticket</i></td> </tr> </tbody> </table>	<i>Hours/Days of Coverage</i>	<i>Response Time</i>	<i>Restoration</i>		<i>Maximum Time to Respond</i>	<i>Maximum Time to UP the Network</i>	<i>24 x 7 x 365 Days Monday to Sunday</i>	<i>1 Hour</i>	<i>6 Hours from the issuance of trouble ticket</i>	
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<i>24 x 7 x 365 Days Monday to Sunday</i>	<i>1 Hour</i>	<i>6 Hours from the issuance of trouble ticket</i>									
	<p><b>3.3. List of Government Agencies to be Connected in Marawi Government FOC Network</b></p> <table border="1" style="margin-left: 40px;"> <tr> <td style="width: 50%;">1. DICT PROVINCIAL FIELD OFFICE</td> <td>27. PNB (MSU)</td> </tr> <tr> <td>2. REGISTRY OF DEEDS</td> <td>28. RADYO NG BAYAN</td> </tr> <tr> <td>3. PAROLE AND PROBATION</td> <td>29. WATER DISTRICT</td> </tr> </table>	1. DICT PROVINCIAL FIELD OFFICE	27. PNB (MSU)	2. REGISTRY OF DEEDS	28. RADYO NG BAYAN	3. PAROLE AND PROBATION	29. WATER DISTRICT				
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4. CITY HEALTH OFFICE and CLINIC	30. PNB (TOWN)	
5. BSU – ALANGILAN CAMPUS	31. LANDBANK (TOWN)	
6. CITY TOURISM OFFICE	32. BFP	
7. LTFRB	33. MARAWI CITY POLICE STATION	
8. HALL OF JUSTICE	34. BJMP (City Jail)	
9. CSWD	35. APMC HOSPITAL	
10. CITY HALL OFFICE	36. DepED DIV 1	
11. CSC	37. DepED DIVISION II	
12. COMELEC	38. PHILIPPINE STATISTICS AUTHORITY	
13. POST OFFICE	39. CAMPO RANAO (BRIGADE)	
14. NFA	40. LTO	
15. UTC (EXPERIMENTAL)	41. DEPT. OF AGRICULTURE	
16. MARAWI CITY NHS	42. BFAR	
17. DILG	43. DENR	
18. NCMF	44. DPWH	
19. DTI	45. UTC (MAIN)	
20. AMAI PAKPAK MEDICAL HOSPITAL	46. PROVINCIAL CAPITOL	
21. DAR	47. DOST	
22. BIR	48. LASURECO	
23. NIA	49. TESDA	
24. PROVINCIAL POLICE OFFICE	50. MSU-LNCAT	
25. MSU (Admin Building)	51. PHILHEALTH	
26. LANDBANK (MSU)	52. PUBLIC LIBRARY	
	53. PAGASA	
<b>3.4. Deliverables</b>		
<b>3.4.1. Survey, Engineering And Construction / Design</b>		
3.4.1.1. The Contractor is required to carry out the detailed site survey and engineering for Fiber Optic Cable Routes to justify the installation and construction designs		
3.4.1.2. The Contractor shall submit a detailed work plan and installation/construction design drawings to DICT for approval within ten (10) calendar days after receipt of Contract and prior to installation. The Department will check and review the design drawings accompanied by justification/verification reports, and will give their decision whether the design drawings are acceptable or not, within one (1) week time from the date of DICT receipt of design drawings.		
3.4.1.3. As part of each telecommunications work order/project, detail schematic drawings shall be prepared for each fiber optic span/cable route, showing the following information:		
3.4.1.3.1. Fiber cable data:		
3.4.1.3.1.1. Cable manufacturer;		
3.4.1.3.1.2. Cable size (number of fibers);		
3.4.1.3.1.3. Cable type;		



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	3.4.1.3.1.4. Cable make-up;	
	3.4.1.3.1.5. Type of fiber;	
	3.4.1.3.1.6. Transmission characteristics (dB loss/km at given wavelength); and	
	3.4.1.3.1.7. Dispersion specification in ps/(nm . km).	
	3.4.1.3.2. Other information:	
	3.4.1.3.2.1. Trunk number/cable number;	
	3.4.1.3.2.2. Span length;	
	3.4.1.3.2.3. Manhole/handhole number and duct number;	
	3.4.1.3.2.4. Major intersections and key streets;	
	3.4.1.3.2.5. Fiber cable splice points with station location;	
	3.4.1.3.2.6. Splice-to-splice cable lengths;	
	3.4.1.3.2.7. Change in cable route; and	
	3.4.1.3.2.8. budget loss link calculation.	
	3.4.1.4. Preparation of Design Drawings	
	3.4.1.4.1. The Contractor shall, at his own expense, produce installation/construction designs/drawings in conformity with design principles, and are to be approved by DICT.	
	3.4.1.4.2. The Contractor shall produce the installation/construction designs/drawing on standard size paper.	
	3.4.1.4.3. The Contractor shall supply drawings in a Computer-aided design (CAD) format.	
	3.4.1.4.4. Geospatial data indicating the route plan including the splicing point, termination point, and ODF.	
	3.4.1.5. Kinds of Construction Plan/Design	
	All Construction Plans/Designs shall be in accordance with DICT Specifications. Construction Plans/Designs are composed of:	
	3.4.1.5.1. Key Map for Optical Fiber Cable route Key map is to indicate the proposed optical fiber cable route between two nodes with latest route conditions as well as future plan along the route	
	3.4.1.5.2. Optical fiber cable arrangement and termination on ODF frames. This drawing shall cover terminations in the ICT room; location of ODF, assignment and arrangement of termination and detailed cable runs	
	3.4.1.5.3. Schematic diagram for fiber optics cores splicing assignment This drawing shall cover all necessary factors for interfacing with transmission systems as the line system design	
	3.4.1.5.4. Cable Entrance Facilities / Structural Cabling inside the	



	agencies	
	<p><i>Note:</i> For all the construction/engineering design in hard copy, the following must be included:</p> <ul style="list-style-type: none"> <li>- The proposed Contractors Fiber Network in Infra Map/Diagram as basis for implementation, duly signed by a licensed Professional Electronics and Communication Engineer (PECE).</li> <li>- Link Loss Budget Calculation from nodes to nodes: (Note: Link loss budget calculation from nodes to nodes should not be more than 6db at 1310nm )</li> </ul> <p>Formula in computing the budget loss calculation: cable loss + splice losses + connector losses = Budget loss calculation</p> <p>Wherein: cable loss = db/km x km splice loss = db/splice x number of splice</p>	
	3.4.1.6. The contractor must conduct due diligence and shall restudy and amend/modify the design drawings not only dependent upon the comments of DICT but also taking into consideration the design concept, and shall resubmit the modified design drawings to DICT within one (1) week after receipt of DICT comments for their approval.	
	3.4.1.7. In case the Contractor's re-study of the design is incomplete, and DICT disapproval is repeated, then the Contractor shall be fully responsible for any delay in progress, cost of re-design etc. and DICT will keep the right to order the replacement of the Contractor's engineer/management in charge of installation/construction design at the Contractor's own expense.	
	<b>3.4.2. Bill of Quantities</b>	
	3.4.2.1. The contractor must attach a detailed Bill of Quantities (BOQ) showing all the components required to complete the project. This may include, but not limited to:	
	3.4.2.1.1. Fiber Optic Cable (SMF., ITU –T Recommendation G.652d, NECA/FOA 301 Compliant), Closure, and Cabinet	
	3.4.2.1.2. Optical Distribution Frame (ODF)/Cabinet including patch cord/pig tails, optical fiber trays, db loss/amplification and other equipment, if necessary and accessories.	
	3.4.2.1.3. Poles, Pole Line hardware and accessories for aerial installation	
	3.4.2.1.4. Underground (micro-trenching / buried / conduit / directional boring) facilities and accessories.	
	3.4.2.1.5. Engineering, Right of Way, Permits	





	3.4.2.1.6. List of equipment	
	3.4.2.1.7. Contingency	
	<b>3.4.3. Reports, Specifications, Practices And Procedures</b>	
	3.4.3.1. The following Reports, Specifications, Practices and Procedures shall be prepared by the Contractor, called as the "Technical Documents" in this paragraph, to be approved by DICT. The Contractor must submit a progress report every Monday.	
	3.4.3.1.1. Survey report	
	3.4.3.1.2. Design reports	
	3.4.3.1.3. Material Specifications for Fiber Optic Cable, Aerial and Underground Systems.	
	3.4.3.1.4. Installation/Construction Practices, for Fiber Optic Cable, Aerial and Underground Systems.	
	3.4.3.1.5. Factory Inspection/Test procedures	
	3.4.3.1.6. Inspection and Acceptance Test Procedures, for Outside Plant System and Optical Fiber Cable Systems.	
	3.4.3.1.7. Others	
	3.4.3.2. The Contractor shall submit to DICT the specified numbers of original and of copies of all the technical documents such as:	
	3.4.3.2.1. Softcopy, in original editable format, of all as-built plans and drawings involved in the project;	
	3.4.3.2.2. Design standard and application details;	
	3.4.3.2.3. Survey and design reports;	
	3.4.3.2.4. Material Specifications;	
	3.4.3.2.5. Installation / Construction Practices in accordance with ITU-T Standard;	
	3.4.3.2.6. Factory Inspection / Test Procedures; and	
	3.4.3.2.7. Inspection and Acceptance Test Procedures.	
	3.4.3.2.8. Others	
	<b>3.4.4. As-Built Drawings</b>	
	The following as-built drawing having the same sizes as the designs/drawings:	
	3.4.4.1. General Map to cover all of the serving area;	
	3.4.4.2. Key Map for Cable Route (each cable section);	
	3.4.4.3. Detailed fiber core assignments (each cable section/splicing point);	
	3.4.4.5. Junction Cable Location Map (each cable section);	
	3.4.4.6. Optical Fiber Cable Arrangement and Termination on the fiber distribution frame;	
	3.4.4.7. Schematic diagram for Fiber Optics Cores Assignment;	
	3.4.4.8. Structured Cabling Plan/Cable route plan from insertion/splicing point to inside Agency's equipment/ICT room.	
	3.4.4.9. Special Design Drawing, if any.	
	<b>3.4.5. Fiber Optic Cable Specifications</b>	



	<p><b>3.4.5.1. General Scope</b> This covers the minimum requirement of single mode optical fiber cables for the Government FOC Network as per <b><u>ITU-T Recommendation G.652D</u></b> standard.</p> <p>All the terms used in this specification of single-mode optical fiber cable shall be as defined in the latest ITU-T Recommendation G.652d. Characteristics not clearly defined in these specifications shall comply with the latest ITU-T G.652D recommendation.</p>	
	<p><b>3.4.5.2. Cable Construction: General considerations</b> The basic purpose is to keep transmission and mechanical strength properties stable in the course of the cable manufacturing process, cable installation work and operation.</p> <p>Optical fiber cables offered must be able to withstand all possible weather conditions in the Philippines when used in outside plant and installed aerial or underground. The optical fiber cables and accessories offered must be mechanically strong and chemically resistant to be suitable for use under extreme external conditions.</p>	
	<p><b>3.4.5.3. Design Consideration</b> The maximum number of optical fibers in a loose tube shall be 12 fibers for cables 48-fiber and above. This requirement must be strictly complied.</p> <p>The loose tubes and interstices of cable core shall be filled with a suitable compound that could prevent long term penetration of water. Information on the material used for the filling compound shall be stated by the manufacturer.</p>	
	3.4.5.3.1. Figure-8/Self-support Fiber optic cable	
	Figure 8 cable has a cable bonded to an insulated steel or all dielectric messenger for support.	
	3.4.5.3.1.1. Cable Sheath	
	3.4.5.3.1.1.1. Black HDPE, a compound of PE and carbon black shall be used for the cable sheath.	
	3.4.5.3.1.1.2. The moisture barrier shall consist of a longitudinally applied laminate of polymer coated aluminum foil.	
	3.4.5.3.1.1.3. A rip cord having a minimum breaking load of 150N shall be laid beneath the outer sheath to facilitate access to the fiber.	
	3.4.5.3.1.1.4. Cable sheath marking shall be as follows: <b><i>Property of DICT Philippines; Manufacturer's Name and Fiber Count;</i></b>	



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	<b><i>Date of Manufacture; Length Marker; and Fiber type: SM</i></b>	
	3.4.5.3.1.1.5. The completed cable shall have sequentially numbered length markers at regular intervals of one meter (1.0m).	
	3.4.5.3.1.1.6. The cable sheath shall have 3.2mm thick green-striped marking continuously on the sheath.	
	3.4.5.3.1.2. Strength Member	
	3.4.5.3.1.2.1. One or more strength members shall be incorporated into a cable structure designed to carry the tensile load associated with installation.	
	3.4.5.3.1.2.2. The fiber reinforced plastic (FRP), serving mainly as the central strength member must be laminated with an MDPE-Jacket to prevent disintegration/breakage of plastic materials used.	
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	3.4.5.3.2.1.4. Cable sheath marking shall be as follows: <b><i>Property of DICT Philippines; Manufacturer's Name and Fiber Count; Date of Manufacture; Length Marker; and Fiber type: SM</i></b>	
	3.4.5.3.2.1.5. The completed cable shall have sequentially numbered length markers at regular intervals of one meter (1.0m).	
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	<p>an MDPE-Jacket to prevent disintegration/breakage of plastic materials used.</p>																																								
	<p>3.4.5.3.3. Identification The color coding of the loose tubes and the individual fibers within each loose tube shall be as follows:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Tube No./ Fiber No.</th> <th style="text-align: center;">Fiber Color</th> <th style="text-align: center;">Tube Color</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">Blue</td><td style="text-align: center;">Blue</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">Orange</td><td style="text-align: center;">Orange</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">Green</td><td style="text-align: center;">Green</td></tr> <tr><td style="text-align: center;">4</td><td style="text-align: center;">Brown</td><td style="text-align: center;">Brown</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">Slate</td><td style="text-align: center;">Slate</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: center;">White</td><td style="text-align: center;">White</td></tr> <tr><td style="text-align: center;">7</td><td style="text-align: center;">Red</td><td style="text-align: center;">Red</td></tr> <tr><td style="text-align: center;">8</td><td style="text-align: center;">Black</td><td style="text-align: center;">Black</td></tr> <tr><td style="text-align: center;">9</td><td style="text-align: center;">Yellow</td><td style="text-align: center;">Yellow</td></tr> <tr><td style="text-align: center;">10</td><td style="text-align: center;">Violet</td><td style="text-align: center;">Violet</td></tr> <tr><td style="text-align: center;">11</td><td style="text-align: center;">Rose</td><td style="text-align: center;">Rose</td></tr> <tr><td style="text-align: center;">12</td><td style="text-align: center;">Aqua blue</td><td style="text-align: center;">Aqua Blue</td></tr> </tbody> </table>	Tube No./ Fiber No.	Fiber Color	Tube Color	1	Blue	Blue	2	Orange	Orange	3	Green	Green	4	Brown	Brown	5	Slate	Slate	6	White	White	7	Red	Red	8	Black	Black	9	Yellow	Yellow	10	Violet	Violet	11	Rose	Rose	12	Aqua blue	Aqua Blue	
Tube No./ Fiber No.	Fiber Color	Tube Color																																							
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2	Orange	Orange																																							
3	Green	Green																																							
4	Brown	Brown																																							
5	Slate	Slate																																							
6	White	White																																							
7	Red	Red																																							
8	Black	Black																																							
9	Yellow	Yellow																																							
10	Violet	Violet																																							
11	Rose	Rose																																							
12	Aqua blue	Aqua Blue																																							
	<p>3.4.5.3.4. Packing of Cables</p> <p>Cable protection shall include, as a minimum, a covering placed between the cable reel flanges and over the exposed layer of the cable. The covering shall be weather resistant and shall limit solar heating of the cable such that the cable surface temperature does not exceed 10°C above ambient temperatures under maximum solar radiation.</p> <p>The cable ends shall be accessible for testing, and securely fastened to the reel to prevent the cable from becoming loose in transit or during cable installation.</p> <p>End caps shall be securely installed to both cable ends to prevent escape of filling compound and entry of moisture during shipping, handling, and storage.</p> <p>The manufacturer shall state the sizes of cable drums used for the purpose of packing the offered single mode optical fiber cables. The minimum diameter of spool of the cable drums shall be at least 20 times the cable diameter.</p> <p>The spindle hole of each cable drum shall be greater than 100mm.</p> <p>Cable length per reel /drum must be continuous.</p>																																								



	<p>3.4.5.3.5. Cable Sizes</p> <p>The manufacturer shall state the outer diameter of the various sizes of the single mode fiber optic cables offered, subject to DICT's approval.</p>	
	<p><b>3.4.6. Pre-installation</b></p>	
	<p>3.4.6.1. The contractor is required to designate a qualified on-site engineer for proper supervision and coordination of the project. He must undergo interview with DICT FOC Team for verification.</p>	
	<p>3.4.6.2. The Contractor shall, in order to keep the design accurate and practical and at his own expense, perform the following:</p>	
	<p>3.4.6.2.1. When necessary, make test holes at key point of the route to avoid interference with underground facilities and/or hard – rocks as much as practically possible;</p>	
	<p>3.4.6.2.2. Obtain prior approval from municipalities and/or other relevant authorities/agencies, and third parties for the execution of the work.</p>	
	<p>3.4.6.2.3. The Contractor shall abide and comply with the terms and conditions specified in the permits obtained from said municipalities and/or other relevant authorities/agencies.</p> <p>All permits and fees/charges for the JPA lease, road/underground trench/duct monthly lease will be eventually shouldered by the Project once the Final Acceptance Certificate is issued by DICT.</p> <p>All charges pertaining to permits and other fees for JPA lease and Right of Way for the duration of the contract shall be at the expense of the Contractor.</p>	
	<p><b>3.4.7. Maintenance Work Requirements</b></p>	
	<p>3.4.7.1. Reports and Documentation for Maintenance Work</p> <p>Maintenance work/activities shall start once the installation and construction of the government network is 100% accepted and operational. Contractor must submit the following:</p>	
	<p>3.4.7.1.1. Preventive maintenance Plan;</p>	
	<p>3.4.7.1.2. Monthly submission of maintenance report;</p>	
	<p>3.4.7.1.3. Incident Report, in case of problems encountered;</p>	
	<p>3.4.7.1.4. Repair and Test report after restoration activities.</p>	
	<p>3.4.7.2. Manpower</p> <p>Personnel must be properly trained to use such equipment and do the troubleshooting and restoration and must be available on a moment's notice.</p> <p>In order to effectively maintain the FOC Network, maintenance personnel, at the minimum, must include the following:</p>	



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	3.4.7.2.1. One (1) Project Engineer/Coordinator																																																									
	3.4.7.2.2. One (1) FOC team that consists of seven (7) personnel <ul style="list-style-type: none"> <li>• One (1) OSP Supervisor</li> <li>• Two (2) Lineman</li> <li>• Two (2) Splicers/Commissioning personnel</li> <li>• Two (2) Support personnel</li> </ul>																																																									
	<p>3.4.7.3. Tools and Equipment</p> <p>As part of the activity, the following equipment, facilities, tools and materials must be available at all times. Contractor must have the following tools and equipment to do the preventive maintenance and restoration activities in the duration of the contract but not to be delivered to DICT.</p> <table border="1"> <thead> <tr> <th>#</th> <th>Description</th> <th>Quantity</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Arc Fusion Machine</td> <td>1</td> <td>Set</td> </tr> <tr> <td>2</td> <td>Optical Loss Test Set (Power Meter &amp; Light Source)</td> <td>1</td> <td>Set</td> </tr> <tr> <td>3</td> <td>Optical Time Domain Reflectometer (OTDR)</td> <td>1</td> <td>Set</td> </tr> <tr> <td>4</td> <td>Fiber Extension Ladder 24 feet length</td> <td>2</td> <td>Sets</td> </tr> <tr> <td>5</td> <td>Lineman safety belts</td> <td>2</td> <td>Sets</td> </tr> <tr> <td>6</td> <td>Lineman Tool Kit</td> <td>2</td> <td>sets</td> </tr> <tr> <td>7</td> <td>Cable jack/trailer</td> <td>1</td> <td>Set</td> </tr> <tr> <td>8</td> <td>Digging bar, shovel, clamshell digger,</td> <td>2</td> <td>Sets</td> </tr> <tr> <td>9</td> <td>Carpentry Tools</td> <td>2</td> <td>Sets</td> </tr> <tr> <td>10</td> <td>Wheel meter</td> <td>2</td> <td>pcs.</td> </tr> <tr> <td>11</td> <td>Cable Cutter</td> <td>2</td> <td>pcs.</td> </tr> <tr> <td>12</td> <td>Messenger wire cutter</td> <td>2</td> <td>pcs.</td> </tr> <tr> <td>13</td> <td>Other necessary tools/equipment</td> <td>1</td> <td>Lot</td> </tr> </tbody> </table>	#	Description	Quantity	Unit	1	Arc Fusion Machine	1	Set	2	Optical Loss Test Set (Power Meter & Light Source)	1	Set	3	Optical Time Domain Reflectometer (OTDR)	1	Set	4	Fiber Extension Ladder 24 feet length	2	Sets	5	Lineman safety belts	2	Sets	6	Lineman Tool Kit	2	sets	7	Cable jack/trailer	1	Set	8	Digging bar, shovel, clamshell digger,	2	Sets	9	Carpentry Tools	2	Sets	10	Wheel meter	2	pcs.	11	Cable Cutter	2	pcs.	12	Messenger wire cutter	2	pcs.	13	Other necessary tools/equipment	1	Lot	
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	<p>3.4.7.4. Maintenance Supplies/Materials</p> <p>Listed in the table are the common materials necessary for the maintenance of the network. (To be delivered by the winning bidder to DICT)</p> <table border="1"> <thead> <tr> <th>#</th> <th>Description</th> <th>Qty</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>144 core, FOC, SM, 1310, Air blown fiber or underground or buried, depends on the FOC supplied during installation 4km/drum</td> <td>3</td> <td>drums</td> </tr> <tr> <td>2</td> <td>48 core, FOC, SM, 1310. Self-support, depends on the FOC supplied during installation 4km/drum</td> <td>3</td> <td>drums</td> </tr> <tr> <td>2</td> <td>FOC Splice Closure-48 core</td> <td>30</td> <td>sets</td> </tr> <tr> <td>3</td> <td>Patch Cord, LC/LC</td> <td>100</td> <td>pcs.</td> </tr> <tr> <td>4</td> <td>Underground HDPE ducts/conduit/microducts,</td> <td>1</td> <td>lot</td> </tr> </tbody> </table>	#	Description	Qty	Unit	1	144 core, FOC, SM, 1310, Air blown fiber or underground or buried, depends on the FOC supplied during installation 4km/drum	3	drums	2	48 core, FOC, SM, 1310. Self-support, depends on the FOC supplied during installation 4km/drum	3	drums	2	FOC Splice Closure-48 core	30	sets	3	Patch Cord, LC/LC	100	pcs.	4	Underground HDPE ducts/conduit/microducts,	1	lot																																	
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	depends on the FOC supplied during installation		
5	Different size of pole clamps (10 each)	1	lot
6	Different types of suspension clamps (10 each)	1	lot
7	Messenger/Guy grip	100	pcs.
8	Other necessary materials	1	lot
<p>Note: All the above mentioned materials shall be made available at the time of the Final Acceptance.</p>			
<p>3.4.7.5. Maintenance vehicles Contractor must have the following vehicles to mobilize necessary tools and materials that will be used in the maintenance of the network in the duration of the contract.</p>			
<p>3.4.7.5.1. One (1) Splicing Van with Ladder rack/holder</p>			
<p>3.4.7.5.2. One (1) Bucket/Boom Truck</p>			
<p>3.4.7.5.3. One (1) Service Vehicle with Ladder rack/holder</p>			
<p>3.4.7.6. Warehouse (DICT will provide a 300 square meter open space) Contractor is required to maintain the quantity of materials in their storage warehouse. Warehouseman must always update and maintain record of the list of components and materials, and prepare reports when stocks are being used. <i>In case of any loss or damages on the materials provided by DICT, the Contractor or the winning Maintenance Provider will be accountable and must immediately replace the said materials.</i></p>			
<p>3.4.7.7. Personnel Protective Equipment (PPE) and Safety Devices Contractor must also provide and ensure that all personnel are <i>wearing</i> proper PPE at all times and use safety device in their working area to avoid any accident.</p>			
<p>3.4.7.8. Handling and Storage Procedures Contractor shall ensure that all FOC, equipment and materials necessary <i>for</i> the project are properly handled and secured. Contractor <i>must</i> submit Handling and Storage Procedures particularly of the Fiber Optic Cable. This also includes the shipment or transfer of FOC when necessary.</p>			
<p><b>3.5. Duration of the Contract</b> Upon issuance of Notice to Proceed, the duration of the contract is 180 days for installation of FOC and two (2) years for maintenance of the FOC network.</p>			
<p><b>3.6. Warranty</b></p>			
<p>3.6.1. The Contractor warrants that Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design, materials, except when the technical specifications required by DICT provides otherwise;</p>			
<p>3.6.2. The Contractor further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or</p>			



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	workmanship; From any act of omission of the Contractor that may develop under the normal use of the Supplied Goods in the conditions prevailing in the country of the final destination;	
	3.6.3. The warranty shall cover full replacement of defective items, free of charge, including labor, spare parts and materials.	
	<b>3.7. Implementation or Work Schedule</b>	
	3.7.1. The Contractor shall submit an integrated project implementation plan showing the following: 3.7.1.1. Detailed work plan, including milestones and critical tasks, in implementing the project within the allotted one hundred eighty (180) calendar days from date of receipt of Notice to Proceed (NTP);	
	3.7.1.2. Number of work teams at any given time;	
	3.7.1.3. Specific dates for work and quality inspection by the DICT team in the FOO clusters;	
	3.7.2. The Contractor shall submit integrated implementation updates every 1st day of the week (Monday) to DICT throughout the contractual installation/construction period from the effective date of the Contract until the completion of the Project showing the following detailed milestone, and in accordance with the established schedule and priorities.	
	3.7.3. The implementation shall be accurate and include the following considerations: 3.7.3.1. To ensure that the work-force is well-distributed through the contractual period taking quality control and timely progress into consideration;	
	3.7.3.2. To allow sufficient time and manpower for self-inspections/tests prior to being witnessed by DICT for interim inspections/tests and provisional acceptance tests;	
	3.7.3.3. To allow reasonable time for witnessing by DOST/ICT Office of interim inspections/tests considering the work sequence such as cable laying work after DICT has accepted completed systems;	
	3.7.3.4. To ensure the sites are properly managed so as to ensure: 3.7.3.4.1. Coordination with NGAs, LGUs and other authorities/agencies concerned;	
	3.7.3.4.2. Obtaining site implementation permits and site-entry permits;	
	3.7.3.4.3. Adequacy of site security arrangements.	
	3.7.3.5. To keep sufficient time and manpower from transferring site know-how quality control, tools/formats, standard safety arrangement, first aid, etc., to the local staff and local foreman.	
	3.7.3.6. To make sure the quality/functions of domestic products fully conform to the specifications any time necessary to upgrade the same.	
	3.7.4. The Contractor shall be responsible for conforming to the integrated implementation schedules as strictly as possible after examination and	





	approval by DICT.	
	3.7.5. If discrepancies/ambiguities are found or some deviation is necessary in the actual implementation progress, the Contractor shall report the same to DICT and shall take all corrective actions/measures at Contractor's own expense in accordance with the instructions given by DICT.	
	3.7.6. The initial synchronized and integrated implementation schedule specified for the project shall be submitted for DICT approval within five (5) days after the effective date of the Contract.	
	<b>3.8. Change Management Procedure</b>	
	3.8.1. In case an agency was found to be in a different location/site than the one specified in the TOR in the detailed site survey/engineering to be done by the winning Contractor, Contractor is required to connect said agency to the Fiber Infra Network provided that the location of the agency is not beyond 1000 meters from the network.	
	3.8.2. If an agency transferred to another location, contractor must identify another agency as a replacement to complete the total number of agencies required in the project.	
	3.8.3. Under any circumstances, the backbone cable must be installed underground. In cases where this is not possible, a written request and justification must be submitted to the DICT for approval. A copy of the detailed cable route must also be submitted along with the request.	
<b>4.</b>	<b>Evaluation Process</b> Contractors must submit the following as part of the Technical Documents during bid submission:	
	4.1. Written Statement of the contractor signed by their authorized representative that they have at least 10 years of direct experience on planning, engineering, supply and delivery, installation, testing and commissioning and experience in operations and maintenance of optical fiber transmission backbone projects/systems with major telecommunications carriers in the Philippines.	
	4.2. Contractor shall submit resume of key personnel to be assigned to the project. These key personnel are the; PECE, Project Manager; Project Engineer, Outside Plant Supervisor,	
	4.3. Must hold a PCAB License on Communications Facilities for a minimum of 5 consecutive years from the date of Bid Opening. (In case of renewal, the bidder must submit official receipt on the filling of the application for renewal of PCAB License)	
<b>5.</b>	<b>Testing and Acceptance</b> The contractor is responsible in the performance of all civil and cable network pre-test requirement but not limited to:	
	<b>5.1. Fiber Optic Cable (FOC)</b> – attenuation and all its related testing, power meter test, and grounding test and all other test that may need to perform to complete the FOC test requirements.	



	5.1.1. On-reel acceptance tests shall be performed on the cable to confirm the manufacturer's tests before the installation operation begins. This will also be used to validate the fiber loss/km; at wavelength 1310nm loss shall be 0.4 db/km or less; at 1550nm shall be 0.3dB/km or less.	
	5.1.2. End-to-end acceptance tests ( <i>typically conducted after completion of installation and splicing and before installing terminal equipment</i> ).	
	5.1.3. End-to-end attenuation is the amount of optical power loss between cable system connector tips. This will include the fiber and splice /connector loss in the cable system after it has been installed.	
	5.1.4. Splice acceptance tests ( <i>individual splice insertion losses</i> )	
	5.1.4.1. splice loss shall not be above <b>0.1 dB for fusion splices</b> ; and	
	5.1.4.2. connectors shall have insertion losses of <b>0.5 dB or less</b> . <i>Note: All test equipment that will be utilized for this project shall have updated <b>calibration certificates</b> to ensure accuracy of results. Contractor is required to submit Calibration Certificates prior to testing.</i>	
	<b>5.2. Link Loss Requirements</b> During the design stage a link loss calculation shall be prepared and included with the project proposal and design packages. The link loss budget shall include:	
	5.2.1. Total fiber attenuation (loss), not more than 6db.	
	5.2.2. Splice loss (including pigtail splices, if pigtails are used).	
	5.2.3. Connector loss.	
	5.2.4. The calculated dB loss cannot exceed the operating range of the terminal equipment that will be installed. Measured end-to-end loss should measure less than the calculated loss. Fibers that measure a higher loss than the link loss budget will not be accepted.	
	<b>5.3. Contractor Performance and Workmanship</b>	
	5.3.1. DICT will issue provisional and final acceptance certificate to the Contractor certifying that the scope of work has been performed and accomplished in accordance with the approved plans and specification schedules, variation orders if any, and other related contract document.	
	5.3.2. The contractor likewise agrees to correct any defect accruing after the final acceptance of the site facility under the project within the guarantee period. Effective duration of which shall be one (1) year commencing from the date of final acceptance by DICT.	
<b>6.</b>	<b>Payment Terms / Progress Payment</b>	
	6.1. For the Supply, Delivery, Design, Installation, Splicing, Testing and Commissioning of Brand New Fiber Optic Cable Network in Marawi, payment will be made in Partial Payment as follows: 6.1.1. 20% payment – After the contractor installed 20% of the Total FOC km. (contractor must issue Bank Guarantee)	
	6.1.2. 40% payment- Afer the contractor installed another 40% of the Total FOC km. (contractor must issue Bank Guarantee)	



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	6.1.3. 40% payment- After the final acceptance and completion of the project.																						
	6.2. For Maintenance of the DICT Fiber Optic Cable Network in Marawi, payment will be every three (3) months upon submission of necessary documents as required by DICT. After the initial three years, the succeeding maintenance payments may be subject to an annual escalation of at most five (5%) percent of the total annual maintenance cost, which will be negotiable.																						
<b>7.</b>	<b>Timelines for Implementation of the Project</b>																						
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\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Signature Over Printed Name  
Of Authorized Representative

\_\_\_\_\_  
Date



**BAC4IGOV**  
**REVISED CHECKLIST OF REQUIREMENTS FOR BIDDERS**  
**AS OF 17 JULY 2016**

**Name of Company** : \_\_\_\_\_  
**Project Name** : **DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER OPTIC CABLE NETWORK IN MARAWI**  
**Bid Reference No.** : **BAC4IGOV-2017-06-008**  
**ABC** : **₱32,400,000.00**

Ref. No.	Particulars	
<b>ENVELOPE 1: ELIGIBILITY AND TECHNICAL DOCUMENTS</b>		
<b>ELIGIBILITY DOCUMENTS</b>		
<b>CLASS "A" DOCUMENTS</b>		
12.1	<b>(a.1.) ELIGIBILITY DOCUMENTS</b>	
	i. PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with section 37.1.4 of the IRR.	
	ii. Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid <b>(Annex I)</b>	
	iii. Statement of Completed Single Largest Contract from January 2012 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. <b>Annex I-A</b>  Any of the following documents must be submitted corresponding to listed contracts per submitted Annex IA: <ul style="list-style-type: none"> <li>• Copy of End user's acceptance;</li> <li>• Official receipt/s; or</li> <li>• Sales Invoice</li> </ul>	
	iv. Duly signed Net Financial Contracting Capacity Computation (NFCC)* per <b>Annex II</b> , in accordance with ITB Clause 5.5 or a committed Line of Credit from a universal or commercial bank *NFCC = [(Current Assets minus Current Liabilities) (15)] 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.  Notes: a) 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.	



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	<p>b) Value of all outstanding or uncompleted contracts refers those listed in Annex-I.</p> <p>c) The detailed computation using the required formula must be shown as provided above.</p> <p>d) The NFCC computation must at least be equal to the total ABC of the project.</p>							
<b>CLASS "B" DOCUMENTS (FOR JOINT VENTURE)</b>								
	<p>i. For Joint Ventures, Bidder to submit either:</p> <ol style="list-style-type: none"> <li>1. Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or</li> <li>2. 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. <b>(Annex III)</b></li> </ol> <p><b><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></b></p> <p><b>For Joint Venture, the following documents must likewise be submitted by each partner:</b></p> <ul style="list-style-type: none"> <li>• PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with section 37.1.4 of the IRR.</li> </ul>							
	<b>For item (ii) to (iv) of the required eligibility documents, submission by any of the Joint Venture partner constitutes compliance.</b>							
<b>TECHNICAL DOCUMENTS</b>								
12.1 (b)(i)	<p>Bid security shall be issued in favor of the <b>DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY (DICT) valid at least one hundred twenty (120) days after date of bid opening</b> in any of the following forms:</p> <ol style="list-style-type: none"> <li>a) BID SECURING DECLARATION per <b>Annex IV</b>; or</li> <li>b) Cashier's / Manager's Check equivalent to at least 2% of ABC issued by an Universal or Commercial Bank.</li> <li>c) Bank Draft / Guarantee or Irrevocable Letter of Credit issued by a Universal or Commercial Bank equivalent to at least 2% of the ABC: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank</li> <li>d) Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security equivalent to at least 5% of the ABC</li> </ol> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Description</td> <td style="width: 50%;">DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER OPTIC CABLE NETWORK IN MARAWI</td> </tr> <tr> <td style="text-align: center;">Qty</td> <td style="text-align: center;">1 lot</td> </tr> <tr> <td style="text-align: center;">Total ABC (PhP) (VAT Inclusive)</td> <td style="text-align: center;">32,400,000.00</td> </tr> </table>	Description	DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER OPTIC CABLE NETWORK IN MARAWI	Qty	1 lot	Total ABC (PhP) (VAT Inclusive)	32,400,000.00	
Description	DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER OPTIC CABLE NETWORK IN MARAWI							
Qty	1 lot							
Total ABC (PhP) (VAT Inclusive)	32,400,000.00							



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	BID SECURITY	Cashier's / Manager's Check equivalent to at least 2% of the ABC (PhP)	<b><u>648,000.00</u></b>	
		Bank Draft / Guarantee or Irrevocable Letter of Credit equivalent to at least 2 % of the ABC (PhP)		
		Surety Bond equivalent to at least 5% of the ABC (PhP)	<b><u>1,620,000.00</u></b>	
		Bid Securing Declaration	No required percentage	
12.1 (b)(ii)	Proof of Authority of the Bidder's authorized representative/s: a) <b>FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE):</b> Duly notarized Special Power of Attorney b) <b>FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE:</b> Duly notarized Secretary's Certificate evidencing the authority of the designated representative/s. c) <b>IN THE CASE OF UNINCORPORATED JOINT VENTURE:</b> Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.			
12.1 (b)(iii)	Omnibus Sworn Statements using the form prescribed. <b>(Annex V)</b> 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			
12.1 (b)(iv)	Company Profile <b>(Annex VI)</b> . Company printed brochure may be included			
12.1 (b)(v)	Vicinity / Location of Bidder's principal place of business			
12.1 (b)(vi)	Certificate of Performance Evaluation <b>(Annex VII)</b> showing a rating at least Satisfactory issued by the Bidder's Single Largest Completed Contract Client stated in the submitted Annex I-A;			
12.1 (b)(vii)	Completed and signed <b><u>Revised Technical Bid Form as of 11 July 2017 (Annex VIII)</u></b>			
12.1 (b)(viii)	Brochure (original or internet download) / Technical Data Sheet or equivalent document			
12.1 (b)(ix)	Valid and Current Certificate of Distributorship / Dealership/ Resellership of the following product being offered, issued by the principal or manufacturer of the product (if Bidder is not the manufacturer). If not issued by manufacturer, must also submit certification / document linking bidder to the manufacturer			
12.1 (b)(x)	<b><u>Valid and current ISO 9001 Quality Management System Certificate issued to the manufacturer of the offered Fiber Optic Cable</u></b>			
12.1	List of authorized Service Centers/Support Centers in the Philippines (with available			



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(b)(xi)	spare parts, indicating address, telephone & fax number/s, e-mail address & contact person). In the event of closure of business, termination of franchise / service center, the supplier shall notify the DICT accordingly of the new service centers with telephone numbers and address who can provide the needed parts, supplies and service						
12.1 (b)(xii)	Written Statement of the contractor signed by their authorized representative that they have at least 10 years of direct experience on planning, engineering, supply and delivery, installation, testing and commissioning and experience in operations and maintenance of optical fiber transmission backbone projects/systems with major telecommunications carriers in the Philippines;						
12.1 (b)(xiii)	Contractor shall submit resume of key personnel to be assigned to the project. These key personnel are the: <ul style="list-style-type: none"> <li>o PECE,</li> <li>o Project Manager</li> <li>o Project Engineer</li> <li>o Outside Plant Supervisor</li> </ul>						
12.1 (b) (xiv)	Must hold a PCAB License on Communications Facilities for a minimum of 5 consecutive years from the date of Bid Opening. <b>(In case of renewal, the bidder must submit official receipt on the filling of the application for renewal of PCAB License)</b>						
12.1 (b) (xv)	Compliance with the <b>Revised Schedule of Requirements as of 11 July 2017</b> as per Section VI						
12.1 (b) (xvi)	Compliance with the <b>Revised Technical Specifications as of 4 August 2017</b> as per Section VII						
<b>ENVELOPE 2: FINANCIAL DOCUMENTS</b>							
13.1 (a)	Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Financial Bid Form hereto attached <b>Annex IX</b> .						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Description</th> <th style="width: 10%;">Qty</th> <th style="width: 30%;">ABC P (VAT Inclusive) Total</th> </tr> </thead> <tbody> <tr> <td>DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER OPTIC CABLE NETWORK IN MARAWI</td> <td style="text-align: center;">1 Lot</td> <td style="text-align: center;">32,400,000.00</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 <b>Detailed Financial Breakdown per Revised Annex X as of 17 July 2017</b> must be equal to the signed and submitted Financial Bid Form per Annex IX.</p>	Description	Qty	ABC P (VAT Inclusive) Total	DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER OPTIC CABLE NETWORK IN MARAWI	1 Lot	32,400,000.00
Description	Qty	ABC P (VAT Inclusive) Total					
DESIGN, SUPPLY, DELIVERY, INSTALLATION, SPLICING, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF BRAND NEW FIBER OPTIC CABLE NETWORK IN MARAWI	1 Lot	32,400,000.00					
13.1 (a)	<b>Detailed Financial Breakdown per Revised Annex X as of 17 July 2017</b>						
15.4(a) (i) & 15.4(b) (ii)	Completed <b>"For Goods Offered from Abroad"</b> and/or <b>"For Goods Offered From Within the Philippine"</b> Forms per <b>Annex XI-A</b> and <b>Annex XI-B, whichever is applicable</b> .						
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.						



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<b>NOTE:</b>	<b>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</b>	
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