

**BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE (BAC-I)**

**BIDDING FOR THE CONSTRUCTION OF THE TERRESTRIAL OF THE CABLE NETWORK  
CORRIDOR OF THE LUZON BYPASS INFRASTRUCTURE PROJECT (Segments A & B)**

**BID BULLETIN NO. 3**

This Bid Bulletin clarifies written queries received from prospective bidders until 5:00 PM of 9 July 2018, and other matters relative to the bidding of the aforementioned project.

Issues Raised	Clarifications																			
<p>1. Regarding the details of Particulars/ Description at the BOQ (item no. 7 &amp; 8) page 90 and page 89 (item no. 7 &amp; 8) for segment A and segment B, respectively. Per description on the BOQ, it was described only 40mm HDPE pipes, but per detail plans, it was HDPE PIPES - 1 (40mm ID) &amp; 1 (7-way microduct).</p> <p>Based on the above, which are we going to use as reference on our Bid, the HDPE 2-run, 40mm ID (per BOQ) all throughout the segment or 1-40mm ID &amp; 1,7-way microduct (per plan) all throughout the segment?</p>	<p>Prospective Bidders are expected to bid for the installation of <b>2 HDPE Pipes (1 x 40mm ID and 1 x 7-way microduct)</b> all throughout the segment, following the specifications below:</p> <table border="1" data-bbox="750 851 1436 1886"> <thead> <tr> <th data-bbox="750 851 949 952">Description</th> <th data-bbox="949 851 1189 952">40mm conduit</th> <th data-bbox="1189 851 1436 952">7-way microduct</th> </tr> </thead> <tbody> <tr> <td data-bbox="750 952 949 1019">Material</td> <td data-bbox="949 952 1189 1019">HDPE</td> <td data-bbox="1189 952 1436 1019">HDPE</td> </tr> <tr> <td data-bbox="750 1019 949 1444">Size</td> <td data-bbox="949 1019 1189 1444">                     SDR 11                       Inside Diameter: 1.414"                       Outside Diameter: 1.660"                       Metal free                 </td> <td data-bbox="1189 1019 1436 1444">                     Microduct Size                       Inside Diameter: 12mm                       Outside Diameter: 16mm                       Metal free                 </td> </tr> <tr> <td data-bbox="750 1444 949 1590">Specification</td> <td data-bbox="949 1444 1189 1590">preferably ribbed interior wall</td> <td data-bbox="1189 1444 1436 1590">preferably smooth interior wall</td> </tr> <tr> <td data-bbox="750 1590 949 1657">Color</td> <td data-bbox="949 1590 1189 1657">Black</td> <td data-bbox="1189 1590 1436 1657">Orange</td> </tr> <tr> <td data-bbox="750 1657 949 1886">Connector</td> <td data-bbox="949 1657 1189 1886">compression fittings with 16 bar-pressure rating, either color blue or black</td> <td data-bbox="1189 1657 1436 1886">16 x 12mm connector with 16 bar-pressure rating, either</td> </tr> </tbody> </table>		Description	40mm conduit	7-way microduct	Material	HDPE	HDPE	Size	SDR 11  Inside Diameter: 1.414"  Outside Diameter: 1.660"  Metal free	Microduct Size  Inside Diameter: 12mm  Outside Diameter: 16mm  Metal free	Specification	preferably ribbed interior wall	preferably smooth interior wall	Color	Black	Orange	Connector	compression fittings with 16 bar-pressure rating, either color blue or black	16 x 12mm connector with 16 bar-pressure rating, either
Description	40mm conduit	7-way microduct																		
Material	HDPE	HDPE																		
Size	SDR 11  Inside Diameter: 1.414"  Outside Diameter: 1.660"  Metal free	Microduct Size  Inside Diameter: 12mm  Outside Diameter: 16mm  Metal free																		
Specification	preferably ribbed interior wall	preferably smooth interior wall																		
Color	Black	Orange																		
Connector	compression fittings with 16 bar-pressure rating, either color blue or black	16 x 12mm connector with 16 bar-pressure rating, either																		

			transparent or color black)
	Duct Plugs	40mm	16mm
	General Condition of the conduit	must be free of obstruction and water	must be free of obstruction and water
	Revised <b>Bill of Quantities</b> and <b>Bill of Quantities Summary</b> is attached hereto as <b>Annex "A"</b>		
2. Color of HDPE 40mm ID pipes and micro duct	The 40mm conduit should be <b>black</b> while the 7-way conduit should be <b>orange</b> .		
3. Item 4 of the checklist states, "Special PCAB License in case of joint venture and registration for at least category "AA" and classification "Large A" contractors."	Partnerships consisting of constructors must apply for a Special PCAB license as a <u>Joint Venture</u> , wherein all members of the Joint Venture are required to have or apply for a Regular PCAB License, or in case of a foreign partner, a "Special PCAB License for Foreign Constructors."		
Does this mean that both parties of the joint venture must have PCAB License? Or one party with the required license is already enough?	Partnerships consisting of constructors and non-constructors (e.g. financier or equipment supplier) must apply for a PCAB License as a <u>Consortium</u> , in addition to the individual PCAB License of at least one (1) partner.		
4. License Category of AA General Engineering or Specialty communication Facilities and Electrical.  Our license is only Specialty for Communications Facility only NO "Electrical" and our Partner is General Engineering for Roads , Highways.  According to PCAB, both companies should have these categories since reflected on your INVITATION TO BID.	Interested bidders must have at least a license category "AA" and a license classification "Large A" from the Philippine Contractors Accreditation Board (PCAB) for <b><u>General Building (GB-1) or General Engineering (GE-1) or Specialty (SP-CF or SP-EE)</u></b> . The PCAB license must be valid and effective at the time of submission of the bid.		
5. Whether the bidders can replace the red block collar bricks by concrete block.	No. It should be red blocks for easy maintenance of the handholes/manholes.		

6. How many cable rack/s shall be put for cylindrical handhole? If 2 racks will be needed, what would be the distance between the 2 racks?	There should be two (2) cable racks for cylindrical handhole with a spacing requirement of 400mm.
7. What is the full detail of cable rack and hook to be used?	Please refer to Typical Component Designs, Sheet Nos. T2 - T4.
8. Due to conflict on the drawing, how many step ladders are needed to provide for each handholes?	Two (2) steel ladders for each handholes/manholes.
9. Will you require concrete epoxy for concrete encase sectional detail "AA"? What is the specification of concrete epoxy?	Not required.
10. Will you require Service box/Pull-box for bridge attachment "F" and "A1" considering the length in Segment B?	No need as per plan.
11. What are the specifications of warning tape?	Details of the warning tape is hereto attached as <b>Annex "B"</b> .
12. What is sump pit detail?	Minimum of 12 inches diameter and 3 inches deep.
13. For the Manhole/Handhole cover/service box cover, can the contractor suggest new specification like composite material?	No, the cover should be galvanized as specified in the drawings.
14. What is the required reinforcing steel bar yield strength?	Steel bars installed below 12mm should be Grade 40 while steel bars installed above 16mm should be Grade 60.
15. For galvanized material, what is the thickness of galvanization?	Minimum of hot dip, 40 micrometer.
16. Do you have DPWH Permit on every bridge attachment per your design?	DPWH permit in all Bridge attachment was already approved as per design.
17. Grounding requirement	Splicing Manholes must contain a ground with resistance of 10 ohms or less.
18. Permits	Permits required for the works (i.e., excavation permit) will be provided by BCDA. Other fees (i.e., Contractor's Tax, Trucking Fee, Passway Fee, Entry/Exit Fee) to be imposed by the Local Government Unit shall be shouldered by the Contractor.

19. What is the project completion of all bridges undergoing construction? p. T6	<b>Segment A</b> Ganduz Bridge - already completed  <b>Segment B</b> Primicias Bridge - may be completed Q3 2018 Mitura Bridge - may be completed Q3 2018 Lomboy Bridge - may be completed Q3 2018
20. Shall we provide guide rope for 1 run 40mm HDPE?	No

**Requests for Clarifications will still be accepted until 5:00 PM on July 20, 2018. All written queries/clarifications received by BAC-I Secretariat on or before the said deadline will be addressed through a Bid Bulletin which will be issued not later than July 23, 2018.**

All provisions, conditions and statements in the bidding documents inconsistent with this Bid Bulletin are either modified or rendered ineffective, as the case may be.

**Issued on 16<sup>th</sup> day of July 2018.**

**BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE (BAC-I)**

By:

  
**AILEEN ANUNCIACION R. ZOSA**  
Chairperson

Segment A

BILL OF QUANTITIES

ANNEX "A"

Project Name CONSTRUCTION OF TERRESTRIAL OF THE CABLE NETWORK CORRIDOR FOR THE LUZON BYPASS INFRASTRUCTURE PROJECT  
SEGMENT A (AURORA TO PANGASINAN)

Location Aurora to Pangasinan

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT COST (Pesos)	AMOUNT (Pesos)
1	Facilities for the Engineer	days	210		
2	Project Signboard	pc.	4		
3	Safety and Health Officer	days	210		
4	Splicing Manhole	pc.	30		
5	Square Handhole	pc.	13		
6	Cylindrical Handhole	pc.	107		
7	HDD Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	75,058		
8	Trench Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	40,835		
9	Bridge Attachment (A,B,C,D) of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	1,696		
10	Shallow Trench of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	1,156		
11	Bridge Attachment (E) of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	269		
12	Service Box	pc.	1		
<b>TOTAL</b>					

AP bi

# BILL OF QUANTITIES

Project Name: CONSTRUCTION OF TERRESTRIAL OF THE CABLE NETWORK CORRIDOR FOR THE LUZON BYPASS INFRASTRUCTURE PROJECT (SEGMENT A) AURORA TO PANGASINAN

Location: Aurora to Pangasinan

SUMMARY		
ITEM NO.	DESCRIPTION	BID AMOUNT (in Php)
1	Facilities for the Engineer	
2	Project Signboard	
3	Safety and Health Officer	
4	Splicing Manhole	
5	Square Handhole	
6	Cylindrical Handhole	
7	HDD Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	
8	Trench Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	
9	Bridge Attachment of 2 HDPE Pipes (1x40mm and 7-way microduct)	
10	Shallow Trench of 2 HDPE Pipes (1x40mm and 7-way microduct)	
11	Bridge Attachment (E) of 2 HDPE Pipes (1x40mm and 7-way microduct)	
12	Service Box	
TOTAL BID AMOUNT		

**TOTAL BID AMOUNT:**

In Figures: \_\_\_\_\_

In Words: \_\_\_\_\_

Name and Signature of Bidder: \_\_\_\_\_

Name of Company and Official Stamp of Bidder: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Official Stamp

AP hi

# Segment B

## BILL OF QUANTITIES

Project Name **CONSTRUCTION OF TERRESTRIAL OF THE CABLE NETWORK CORRIDOR FOR THE LUZON BYPASS INFRASTRUCTURE PROJECT  
SEGMENT B (LA UNION TO PANGASINAN)**

Location **La Union to Pangasinan**

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT COST (Pesos)	AMOUNT (Pesos)
1	Facilities for the Engineer	days	210		
2	Project Signboard	pc.	4		
3	Safety and Health Officer	days	210		
4	Splicing Manhole	pc.	31		
5	Square Handhole	pc.	11		
6	Cylindrical Handhole	pc.	96		
7	HDD Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	105,923		
8	Trench Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	13,208		
9	Bridge Attachment (A,B,C,D) of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	3,444		
10	Shallow Trench of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	283		
11	Bridge Attachment (G) of 2 HDPE Pipes (1x40mm and 7-way microduct)	m.	287		
12	Service Box	pc.	1		
<b>TOTAL</b>					

*P* *Bi*

## BILL OF QUANTITIES

Project Name: CONSTRUCTION OF TERRESTRIAL OF THE CABLE NETWORK CORRIDOR FOR THE LUZON BYPASS INFRASTRUCTURE PROJECT (SEGMENT B) LA UNION TO PANGASINAN

Location: La Union to Pangasinan

SUMMARY		
ITEM NO.	DESCRIPTION	BID AMOUNT (in Php)
1	Facilities for the Engineer	
2	Project Signboard	
3	Safety and Health Officer	
4	Splicing Manhole	
5	Square Handhole	
6	Cylindrical Handhole	
7	HDD Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	
8	Trench Installation of 2 HDPE Pipes (1x40mm and 7-way microduct)	
9	Bridge Attachment (A,B,C,D) of 2 HDPE Pipes (1x40mm and 7-way microduct)	
10	Shallow Trench of 2 HDPE Pipes (1x40mm and 7-way microduct)	
11	Bridge Attachment (G) of 2 HDPE Pipes (1x40mm and 7-way microduct)	
12	Service Box	
TOTAL BID AMOUNT		

**TOTAL BID AMOUNT:**

In Figures: \_\_\_\_\_

In Words: \_\_\_\_\_

Name and Signature of Bidder: \_\_\_\_\_

Name of Company and Official Stamp of Bidder: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Official Stamp

*Handwritten initials/signature*





**NOTE:**  
 1. ALL DIMENSIONS ARE IN INCHES.  
 2. COLOR ORANGE BACKGROUND.



REPUBLIC OF THE PHILIPPINES  
 DEPARTMENT OF INFORMATION AND  
 COMMUNICATIONS TECHNOLOGY

PROJECT TITLE:	PREPARED BY:	APPROVED BY:	SHEET CONTENT/S:	SHEET NO.:
<b>LUZON BYPASS INFRASTRUCTURE Terrestrial Route</b>	<b>ROGELIO F. ANOLIN</b> Consultant	<b>DENIS F. VILLORENTE</b> Undersecretary	WARNING TAPE DETAILS	
LOCATION:	DATE SIGNED:	DATE SIGNED:	SCALE: NOT TO SCALE	TERRESTRIAL

26