

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

**Bidding for the Construction of Various Structure and Facilities within the 100-hectare Area at Bataan Technology Park, Morong Bataan (Phase 1 Package 3)**

**BID BULLETIN NO. 5**

This Bid Bulletin clarifies queries submitted before the revised deadline for clarification dated 19 November 2021.

**I. Queries/Questions by the Prospective Bidders**

Queries/Questions	Clarifications
<p><b>Q1.</b> May we request for an extension of the bid submission to give us time to fully complete all the required items for the bidding. <a href="https://docs.google.com/document/d/1knd6lDwVxxxt88tGhDjev_3niF-SQ519QEbUbZViAGI/edit?usp=sharing">https://docs.google.com/document/d/1knd6lDwVxxxt88tGhDjev_3niF-SQ519QEbUbZViAGI/edit?usp=sharing</a></p>	<p>The deadline for submission of bids has been extended until <b>9:00 am</b> of <b>03 December 2021</b>. Late bids shall not be accepted.</p>
<p><b>Q2.</b> We would like to clarify the following for the above subject project :</p> <ol style="list-style-type: none"> <li>1) 1 Barrel - RCBC</li> <li>2) Detention Channel</li> </ol> <p>We found out that they are included in the bid drawings but are not in the Bill of Quantities.</p>	<ol style="list-style-type: none"> <li>1. 1 Barrel RCBC is included in Site Development Works - Part G. Corresponding Pay Items are 103 (1) a11, 404 (1) b, 404 (1) b1, 405 (1) a3.1, 407 (8), 413 (1) a, 414 (1) d, 515 (3)</li> <li>2. Detention Channel is included in Site Development Works - Part G. Pay Item is 506 (1) e - Grouted Stone Masonry.</li> </ol>
<p><b>Q3.</b> We would like to request for Bid Drawings for the following:</p> <ol style="list-style-type: none"> <li>1. Building 15</li> <li>2. Building 17A</li> </ol>	<ol style="list-style-type: none"> <li>1. Building 15 is included in the published bid drawings. Please refer to the link below: <a href="https://drive.google.com/file/d/1DiND_EqrzCBz_FDXTWVX1hldmbbvdT688/view?usp=sharing">https://drive.google.com/file/d/1DiND_EqrzCBz_FDXTWVX1hldmbbvdT688/view?usp=sharing</a></li> <li>2. Building 17A Please refer to the link below: <a href="https://drive.google.com/file/d/1-9WypM-0qy7CGgOTRZvaRwkjt9VihXnp/view?usp=sharing">https://drive.google.com/file/d/1-9WypM-0qy7CGgOTRZvaRwkjt9VihXnp/view?usp=sharing</a></li> </ol>

<p><b>Q4.</b> Mechanical Works Item No. 1206 (1)C Description: 55 Gallon Fuel Drum Storage (Owner's Supplied Materials)</p> <p>Clarification: Is this item included in our costing?</p>	<p>Not included. Item 1206 (1)C will not be supplied by the bidder - it will be supplied by the end-user..</p>
<p><b>Q5.</b> Request for the drawings of Building 17A.</p>	<p>Please refer to Q3.2.</p>
<p><b>Q6.</b> There is no pay item in the BOQ for Oil Interceptor. Please confirm if included in the scope.</p>	<p>Oil Interceptor is included in the BOQ. Corresponding pay Items are the following: 900(1) C1-ad; 902 (1)a-29; 902 (1)b-43; 903 (2)-as; 1047 (2) g-3; 1047(15)</p>
<p><b>Q7.</b> Can you please provide the missing Electrical Plan of Bldg. 1 (Sheet no. E1-3e)?</p> <p>Reference: Index of Drawing Sheet No. A1-1A</p>	<p>Please refer to the link below: <a href="#">Sheet No. E1-3e.pdf</a></p>
<p><b>Q8.</b> Can you please provide plans for Exterior Electrical of Site Development Works?</p>	<p>Please refer to the link below: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q9.</b> Can you please provide plans for 2 units Basketball Court for Civil, Architectural, Electrical works of Site Development?</p>	<p>Please refer to the link below: <a href="#">A32-01 &amp; 02 Basketball Courts.pdf</a></p>
<p><b>Q10.</b> In relation to Q26, there are six (6) Basketball Courts shown in plans. Please identify which basketball courts are included in Packages 3 scope.</p>	<p>Only 2 Units of Outdoor Basketball Courts are included.</p>
<p><b>Q11.</b> Please provide the Fire Protection Plans for the Site Development scope.</p>	<p>Please refer to the link below: <a href="#">FP-1 to FP-5 Fire Protection.pdf</a></p>
<p><b>Q12.</b> Please provide locations of the following piles in Bldg. No. 1.</p>	<p>Piles BP2A, BP2B, and BP2C are located in Sheet No. S1-1 Basement Foundation Plan as well as in S1-1A</p>

<p>These are not reflected in the drawing S1-1 Foundation Plan:</p> <p>A. BP2A B. BP2B C. BP2C</p>	<p>and S1-1B Partial Basement Foundation Plans.</p>
<p><b>Q13.</b> Please provide the details of MF-1 &amp; MF-2 in Bldg No. 1 <a href="#">Query link (page 2, no. 8)</a></p>	<p>Reinforcement Details of MF-1 and MF-2 are already indicated in Sheet No. S1-1 Basement Foundation Plan as well as in S1-1A and S1-1B Partial Basement Foundation Plans.</p>
<p><b>Q14.</b> Please confirm if the diameter of pile "P1" in Bldg. No. 39 is 1200mm.</p>	<p>Yes.</p>
<p><b>Q15.</b> Please clarify if the following piles in Gridlines 8 are "P1" in Bldg. No. 39. <a href="#">Query link (page 2, no. 9)</a></p>	<p>Yes.</p>
<p><b>Q16.</b> Building 17B - Please provide Plans and Details for Decorative Metal Slats.</p>	<p>Details will be similar to Building 17A sheet No. 17A-15, except that the height will be 6700 mm high instead.</p>
<p><b>Q17.</b> Building 18 - Please provide Plans and Details for Garbage Chute.</p>	<p>Please refer to Sheet No. A18-50.</p>
<p><b>Q18.</b> Can you please provide Electrical Plan for Bldg. # 12 (e12-0 to E12-8c). The issued plan for the Bldg #12 is for Bldg #12.2?</p>	<p>Please refer to the link below: <a href="#">BLDG 12 Electrical</a></p>
<p><b>Q19.</b> Please provide topographic map/layout</p>	<p>Please refer to the link below: <a href="#">BTP_TOPOGRAPHIC PLAN.PDF</a></p>
<p><b>Q20.</b> Please provide general notes for structural works (All Buildings) and Bored Pile;</p>	<p>Please refer to the link below: <a href="#">Standard Drawings (Structural)</a></p>
<p><b>Q21.</b> Please verify if the following are part of Gencon Scope of Works; items below not reflected to issued BOQ</p> <p>A. Cyclone Fence at Bldg 112.1</p>	<p>Items are not included.</p>

<p>B. Pebble Washout Finish</p>	
<p><b>Q22.</b> Building no. 1. Please provide schedule and detail of Bored Pile; BP2C and PB2D</p>	<p>Details for BP2C and BP2D are located in Sheet S1-8 Schedule of Bored Pile, Sections 1B, 1F, 1G, and 1H.</p>
<p><b>Q23.</b> Building no. 1. Please confirm if the top elevation of FTB is the same as the top elevation of the pile cap? If no please provide section detail;</p>	<p>Yes, it is the same.</p>
<p><b>Q24.</b> Building no. 1. Please verify if Telco Service Entrance (3-110mm dia. PVC) as shown in the riser diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p>Please see Sheet No. E1-3d, 1C Exterior Power Distribution Plan for the location of Telco Service Entrance. Refer to the link below: <a href="#">B-B19-040-E1-3d.pdf</a></p>
<p><b>Q25.</b> Building no. 1. Please confirm if Panel (1MDPN) is the Low Voltage Switchgear (LVSG).</p>	<p>Yes. Technically, 1MDPN can be considered LVSG.</p>
<p><b>Q26.</b> Building no. 1. Please provide Load Schedule for Panel (1DP3B).</p>	<p>Please refer to Sheet No. E1-2e, linked below: <a href="#">B-B19-040-E1-2E.pdf</a></p>
<p><b>Q27.</b> Building no. 1. Please confirm if the exposed layout for the Lighting System is also PVC. As stated at Bill of Quantities for Lighting System use 20mm dia. and 25mm dia. PVC Conduit.</p>	<p>Yes, exposed and embedded conduit shall be PVC.</p>
<p><b>Q28.</b> Building no. 11. Please indicate which will govern on the specification of the IDF (IDF-FS). Conflict in the BOQ of Plan/Single Line Diagram.</p>	<p>For purposes of this bidding, please follow what is indicated in the BOQ.</p>
<p><b>Q29.</b> Building no. 11. Please verify if Telco Service</p>	<p>Yes, this is included. Please refer to the exterior auxiliary plan linked below:</p>

<p>Entrance (110mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p><a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q30.</b> Building no. 11. Please confirm if the KwHr meter, roughing-ins and wiring-ins from Pole Mounted Transformer to Automatic Transfer Switch are part of our scope of works. If yes, please include in the BOQ, the materials needed and plans indicating the location of the Transformer Pole or the tapping point.</p>	<p>Yes this is included. Please refer to the Exterior Electrical System Plan for location of pedestals and other exterior electrical equipment. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q31.</b> Building no. 11. Please indicate in the Plan the location of Generator Circuit Breaker (GCB).</p>	<p>Please refer to the link below: <a href="#">Sheet No. E11-5a Fire Station Fire System Plan.pdf</a></p>
<p><b>Q32.</b> Building no. 11. Please confirm if the roughing-ins and wires for the 3-50kva transformer to ATS1 are included in the scope of work, please provide location and pipe and wire schedule.</p>	<p>Yes this is included. Please refer to the Exterior Electrical System Plan for location of pedestals and other exterior electrical equipment. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q33.</b> Building no. 11. Please confirm/verify if Item no. 1008 (1) b.13, 1008 (1) b.1.4, 1008 (1) b.1.5, 1008 (1) b.1.6 and 1008 (1) b.1.8 under Aluminum Glass Window of Bldg 11 should be swing window with fixed window as per Window Schedule</p>	<p>Items 1008 (1) b.13, 1008 (1) b.1.4, 1008 (1) b.1.5, 1008 (1) b.1.6 and 1008 (1) b.1.8 are casement-type windows. Please refer to the BOQ for the description of each pay item.</p>
<p><b>Q34.</b> Building no. 11. Please provide structural details for stairs on grade at the entrances. <a href="#">Query at page 3. no. 7</a></p>	<p>Please refer to Sheet No. 11-6 Typical Sections and Misc Details, linked below: <a href="#">S11-6.pdf</a></p>

<p><b>Q35.</b> Building no. 11. Please provide structural details for ramps on grade <a href="#">Query at page 3, no. 8</a></p>	<p>Please refer to Sheet No. 11-6 Typical Sections and Misc Details, linked below: <a href="#">S11-6.pdf</a></p>
<p><b>Q36.</b> Building no. 11. Provide structural details for RW1 located at building no. 11 ramps. <a href="#">Query at page 3, no. 7</a></p>	<p>Please refer to Sheet No. 11-6 Typical Sections and Misc Details, linked below: <a href="#">S11-6.pdf</a></p>
<p><b>Q37.</b> Building no. 11. Provide structural details for trench <a href="#">Query at page 4 no. 8</a></p>	<p>Please refer to Sheet No. 11-6 Typical Sections and Misc Details, linked below: <a href="#">S11-6.pdf</a></p>
<p><b>Q38.</b> Building no. 11. Provide structural details of equipment pads for genset and fuel drum storage <a href="#">Query at page 4 no. 9</a></p>	<p>Please refer to Sheet No. 11-6 Typical Sections and Misc Details, linked below: <a href="#">S11-6.pdf</a></p>
<p><b>Q39.</b> Building no. 11. Please provide structural details for concrete canopy <a href="#">Query at page 4 no. 10</a></p>	<p>Please refer to Sheet No. 11-6 Typical Sections and Misc Details, linked below: <a href="#">S11-6.pdf</a></p>
<p><b>Q40.</b> Building no. 12. Please provide reference Plans for IDF, since IDF it is not indicated on Single Line Diagram Plans.</p>	<p>IDF is shown in the SLD. Please refer to Sheet No. E12-7a at gridlines B &amp; 2 for the location of the IDF. Link: <a href="#">19-040 E12-7a GF AUX.pdf</a></p>
<p><b>Q41.</b> Building no. 12. Please provide reference Plans for CCTV Equipment since it is not indicated on Single Line Diagram Plans</p>	<p>CCTV layout is reflected in E12-7a and E12-7b. Please refer to the link below: <a href="#">BLDG 12 Electrical</a></p>
<p><b>Q42.</b> Building no. 12. Please provide updated floor plans for Building #12</p>	<p>Please refer to the link below: <a href="#">BLDG. 12.2.pdf</a></p>
<p><b>Q43.</b> Building no. 12 Please provide Electrical plans.</p>	<p>Please refer to the link below: <a href="#">BLDG 12 Electrical</a></p>



<p><b>Q44.</b> Building no. 12. Please confirm/verify if item no. 1007 (1) b.15 under Aluminum Framed Glass Door is Type F in Window Schedule of Bldg. 12.</p>	<p>Please refer to the specifications for Item 1007 (1) b.15 below:  Swing Type (10mm Thk Clear Tempered Glass Door, in Top and Bottom Aluminum Frame Powder Coated Finish, Single Leaf, Type B= 1000mm W x 2100mm H</p>
<p><b>Q45.</b> Building no. 12. Please confirm/verify if item no. 1008 (1) c.1.40 under Aluminum Glass Window is Type L Window Schedule of Bldg. 12</p>	<p>Please refer to the specifications for Item 1007 (1) b.15 below:  Awning Type (6mm Thk Clear Float Glass, 4 Equal Panels; Type F= 3600mm W x 900mm H)</p>
<p><b>Q46.</b> Building no. 12.2. Please confirm if the KwHr meter, roughing-ins and wiring-ins from Pole Mounted Transformer to MDP-SB are part of our scope of works. If yes, please include in the BOQ, the materials needed and plans indicating the location of the Transformer Pole or the tapping point.</p>	<p>Yes this is included. Please refer to the Exterior Electrical System Plan for location of pedestals and other exterior electrical equipment. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q47.</b> Building no. 13. Please verify if CATV Service Entrance (1-63mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q48.</b> Building no. 13. Please confirm if the KwHr meter, roughing-ins and wiring-ins from Pole Mounted Transformer to PP-DCPMCN are part of our scope of works. If yes, please include in the BOQ, the materials needed and plans indicating the location of the Transformer Pole or the tapping point.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>

<p><b>Q49.</b> Building no. 13. Please provide detail (Truss Diagram) of ST-1</p>	<p>Truss ST-1 is similar to HT4.</p>
<p><b>Q50.</b> Building no. 13. Please confirm which dia. of Bold will govern for T2 Support, 2-12mm dia. dowel bars or 2-16mm dia. A307 Anchor Bolts. Refer to Sht. S13-3 Section 2D, 2E, and 2F.</p>	<p>Please refer to details 2G and 2H of the same sheet. The dowel bars are used to anchor the steel plate into concrete.</p>
<p><b>Q51.</b> Building no. 13. For Item no. 1007 *1) b. 26 under the Aluminum Framed Glass Door of Bldg. 13, please verify the height of the door. (BOQ vs Door Schedule)</p>	<p>Please refer to the specifications for Item 1007 (1) b.26 below:  Swing Type (12mm Thk Clear Tempered Glass Door with 6mm Thk Tempered Glass Sidelight and Transom, in Aluminum Frame Powder Coated Finish, Double Leaf, Type B= 3200mm W x 2800mm H</p>
<p><b>Q52.</b> Building no. 14. Please verify if CATV Service Entrance (1-63mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q53.</b> Building no. 14. Please confirm if the KwHr meter, roughing-ins and wiring-ins from Pole Mounted Transformer to PP-CSPMCN are part of our scope of works. If yes, please include in the BOQ, the materials needed and plans indicating the location of the Transformer Pole or the tapping point.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q54.</b> Building no. 14. Please confirm/verify if item no. 1007 (1) b.24 under Aluminum Framed Glass Door of Bldg 14</p>	<p>Please refer to the specifications for Item 1007 (1) b.24 below:  Swing Type (6mm Thk Clear Tempered Glass Door with Sidelight and</p>



<p>should be Sliding Door as per Door Schedule.</p>	<p>Transom, In Aluminum Frame Powder Coated Finish, Double Leaf, Type E= 3200mm W x 2475mm H</p>
<p><b>Q55.</b> Building no. 14. Please confirm/verify if item no. 1008 (1) a.4 under Aluminum Glass Window of Bldg. 14 should be casement type as per Window Schedule.</p>	<p>Please refer to the specifications for Item 1008 (1) a.4 below:  Sliding Type (6mm Thk Clear Float Glass, 2 Equal Panels; Type E= 1800mm W x 1150mm H )</p>
<p><b>Q56.</b> Building no. 14. For item no. 1008 *1) c.1.11 under Aluminum Glass Window of Bldg. 14, please verify height of window (BOQ vs Window Schedule)</p>	<p>Please refer to the specifications for Item 1008 (1) c.1.11 below:  Awning Type (6mm Thk Clear Float Glass, 1 Panel, Type F= 900mm W x 1475mm H)</p>
<p><b>Q57.</b> Building no. 14. For item no. 1008 (1) c.1.18 under Aluminum Glass Window of Bldg. 14, please verify width of window. (BOQ vs Window Schedule)</p>	<p>Please refer to the specifications for Item 1008 (1) c.1.18 below:  Awning Type (6mm Thk Clear Float Glass, 2 Equal Panels; Type G= 1450mm W x 700mm H)</p>
<p><b>Q58.</b> Building no. 14. Provide structural details for plant boxes and concrete curbs.</p>	<p>Please refer to Sheet No. S14-4 for details. Link is provided below: <a href="#">19-040_S14-4_SCHEDULES_OF_BEAMS,_COLUMNS,_AND_FOOTINGS-Layout.pdf</a></p>
<p><b>Q59.</b> Building no. 14. Provide structural details for on grade stairs located at the entrance.</p>	<p>Please refer to Sheet No. S14-4 for details. Link is provided below: <a href="#">19-040_S14-4_SCHEDULES_OF_BEAMS,_COLUMNS,_AND_FOOTINGS-Layout.pdf</a></p>
<p><b>Q60.</b> Building no. 15. Please verify if CATV Service Entrance (1-63mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>

<p><b>Q61.</b> Building no. 15. Please confirm if the KwHr meter, roughing-ins and wiring-ins from Pole Mounted Transformer to PP-CSMORN are part of our scope of works. If yes, please include in the BOQ, the materials needed and plans indicating the location of the Transformer Pole or the tapping point.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q62.</b> Building no. 15. Identify what type of door is item no. 1007 *1) b.25 under Aluminum Framed Glass Door of Bldg. 15. Sliding Door or Swing Type Door?</p>	<p>Please refer to the specifications of Item No. 1007 (1) b.25 below:  Swing Type (12mm Thk Clear Tempered Glass Door with Sidelight and Transom, in Aluminum Frame Powder Coated Finish, Double Leaf, Type D= 3200mm W x 2150mm H</p>
<p><b>Q63.</b> Building no. 17B. Please indicate which will govern on the specification of the CCTV Equipment. Conflict in the BOQ and Plan/Single Line Diagram.</p>	<p>For purposes of this bidding, please follow what is indicated in the BOQ.</p>
<p><b>Q64.</b> Building no. 17B. Please verify if CATV Service Entrance (1-63mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q65.</b> Building no. 17B. Please verify if there will be a Service Entrance for Telco provider? If yes, please provide location, size of conduit, wire type.</p>	<p>Yes. For details, please refer to the link below: <a href="#">E17B-3 FDAS, CCTV, TEL &amp; DATA SINGLE LINE DIAGRAM.pdf</a>  For location, please refer to the link below: <a href="#">E17B-8 CCTV, CATV AND STRUCTURED CABLING SYSTEM PLAN.pdf</a></p>

<p><b>Q66.</b> Building no. 17B. Please confirm if the KwHr Meter, roughing-ins and construction of Pedestal and Concrete Encasement are part of our scope of works. If yes, please indicate in the BOQ, the materials needed for the construction of the said structure and plans indicating routing and location of the Transformer Pole.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q67.</b> Building no. 17B. Please verify if the Panel MDPSOQB and DPSOQB are part of our scope of works. If yes, please include in the BOQ, the materials/equipment needed and plans indicating the location of the panels.</p>	<p>Yes, this is included. Please refer to the plan linked below: <a href="#">E17B-3 FDAS. CCTV. TEL &amp; DATA SINGLE LINE DIAGRAM.pdf</a></p>
<p><b>Q68.</b> Building no. 17B. Please verify if the airwell at the center of building no. 17B is concrete masonry. If reinforced concrete please provide structural details. <a href="#">Query at page 8, no. 6</a></p>	<p>Structural and Architectural: 150 mm CHB wall.</p>
<p><b>Q69.</b> Building no. 18. Please verify if Telco Service Entrance (2-110mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q70.</b> Building no. 18. Please confirm if the KwHr meter, roughing-ins and construction of Pedestal and Concrete Encasement are part of our scope of works. If yes, please indicate in the BOQ, the materials needed for the construction of the said</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>

structure and plans indicating the routing and location of the Transformer.	
<b>Q71.</b> Building no. 18. Please verify if the Kilowatt-Hour Meter in every unit is part of our scope of work. If yes, please include in the BOQ all the materials needed.	Meters are included in the BOQ as Item 1102 (26)d under Electrical Works.
<b>Q72.</b> Building no. 18. Please check the location of KW-HR Meter for every unit. As shown in the Single Line Diagram, the location of every meter is at the unit itself and not in the EE-Room.	Location of the unit meters shall be at the EE room. Please refer to the Power Riser Diagram linked below: <a href="#">19-040 E18-1A_POWER RISER DIAGRAM.pdf</a>
<b>Q73.</b> Building no. 39. Please provide anchoring details of Arc Rafter W21x122.	Please refer to the baseplate detail linked below: <a href="#">TYP CONNECTION DETAIL.pdf</a>
<b>Q74.</b> Building no. 39. Please provide details of ST-2.	There is no ST-2 in the drawing. ST-1 is 2L - 50 x 50 x 3 mm strut
<b>Q75.</b> Building no. 39. Please provide connection detail of arc rafter W12x68 to beam W12x68.	Please refer to the link for the typical connection detail: <a href="#">Typical Connection Detail</a>
<b>Q76.</b> Building no. 39. Please provide connection detail of beam W12x68 to arc rafter W21x122.	Please refer to the link for the typical connection detail: <a href="#">Typical Connection Detail</a>
<b>Q77.</b> Building no. 39. Please provide connection detail of beam W10x30 to arc rafter W21x122 and W21x68.	Please refer to the link for the typical connection detail: <a href="#">Typical Connection Detail</a>
<b>Q78.</b> Building no. 39. Please provide connection detail of bracing W8x36 to arc rafter W21x122 and W21x68.	Please refer to the link for the typical connection detail: <a href="#">Typical Connection Detail</a>

<p><b>Q79.</b> Building no. 39. Please confirm if the diameter of the bored pile is 1200mm.</p>	<p>Yes.</p>
<p><b>Q80.</b> Building no. 39. Please indicate which will govern on the specification of the MDF (MDF-CC). Conflict in BOQ and plan/Single Line Diagram.</p>	<p>Please refer to the Single Line Diagram linked below for the specifications of the MDF. <a href="#">E39-3b AUX SLD.pdf</a></p>
<p><b>Q81.</b> Building no. 39. Please verify if Telco Service Entrance (1-110mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works. If yes, please indicate location and details.</p>	<p>Yes, this is included. Please refer to Exterior Auxiliary System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q82.</b> Building no. 39. Please confirm if the KwHr meter, roughing-ins and wiring-ins from Pole Mounted Transformer to 1MDPN are part of our scope of works. If yes, please include in the BOQ, the materials needed and plans indicating the routing and location of the Transformer Pole or the tapping point.</p>	<p>Yes, this is included in the scope of works. Please refer to the link: <a href="#">BLDG No. 39 ELECTRICAL</a></p>
<p><b>Q83.</b> Building no. 39. Please provide structural steel connection details like bolts, steel plates, base plates and anchor bolts needed for the roofing.</p>	<p>Please refer to the link for the typical connection detail: <a href="#">Typical Connection Detail</a></p>
<p><b>Q84.</b> Building no. 59. Please provide reference Plans for IDF (MDF-SSBN) since MDF is not indicated on Single Line Diagram Plans.</p>	<p>Please refer to the link below: <a href="#">E59-4 DOOR ACCESS, TEL &amp; DATA SINGLE LINE DIAGRAM.pdf</a></p>
<p><b>Q85.</b> Building no. 59. Please verify if Telco Service Entrance (1-63mm dia. PVC) as shown in the Riser Diagram is included in the Scope of Works.</p>	<p>Please refer to the link below: <a href="#">E59-4 DOOR ACCESS, TEL &amp; DATA SINGLE LINE DIAGRAM.pdf</a></p>

<p>If yes, please indicate location and details.</p>	
<p><b>Q86.</b> Building no. 59. Please confirm if the KwHr meter, roughing-ins and construction of Pedestal and Concrete Encasement are part of our scope of works. If yes, please indicate in the BOQ, the materials needed for the construction of the said structure and plans indicating the routing and location of the Transformer Pole.</p>	<p>Yes, this is included in the scope of works. Item is included as pay item under Exterior Electrical Works in the BOQ. Please refer to the Exterior Electrical System plans for the location of the pedestals and riser. Link: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q87.</b> Building no. 59. Please verify the discrepancy for the rating of ATS, as per BOQ (200A) while in the Single Line Diagram is (250A). Please confirm which will govern.</p>	<p>Please refer to the link below for the Single Line Diagram/Plans: <a href="#">E59-1A POWER SINGLE LINE DIAGRAM 1.pdf</a></p>
<p><b>Q88.</b> Building no. 59. Please verify the discrepancy for the rating of Genset, as per BOQ (100 kva) while in the Single Line Diagram is (150kva). Please confirm which will govern.</p>	<p>Please refer to the link below for the Single Line Diagram/Plans: <a href="#">E59-1A POWER SINGLE LINE DIAGRAM 1.pdf</a></p>
<p><b>Q89.</b> Building no. 59. Please verify if the 250A Generator Circuit Breaker (GCB) is part of our scope of works. If yes, please include in the BOQ, the materials/equipment needed.</p>	<p>Please refer to the link below for the Single Line Diagram/Plans: <a href="#">E59-1A POWER SINGLE LINE DIAGRAM 1.pdf</a></p>
<p><b>Q90.</b> Building no. 59. Please verify which will govern for the capacity of the suppression System. 125lbs in Equipment Schedule, and 70lbs in Schematic Diagram.</p>	<p>Please follow the equipment schedule. Use 125 lbs.</p>
<p><b>Q91.</b> Building no. 59. Please verify what agent will be</p>	<p>Please follow the equipment schedule. Use NOVEC 1230.</p>



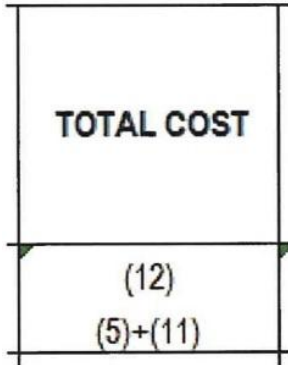
<p>use for the Fire Suppression System. FM200 in Schematic Diagram while NOVEC1230 in Equipment Schedule.</p>	
<p><b>Q92.</b> Building No. 112.1. Please indicate the rating of the Generator Circuit Breaker (GCB) in the Single Line Diagram.</p>	<p>Please refer to the link below: <a href="#">19-040_E112.1-1_SLD_AND_LOAD_SCHEDULE.pdf</a></p>
<p><b>Q93.</b> Building No. 112.1. Please provide purlins support (shelf angle) along GL1 and 2.</p>	<p>Please refer to Standard Drawings Detail 2 in Sheet no. ST-6. <a href="#">ST 6 - STANDARD DRAWINGS.pdf</a></p>
<p><b>Q94.</b> Building No. 112.1. Please confirm if the roughing-ins and wirings are included in the scope of work for the following items below. Please provide location and pipes and wires schedule.</p> <ol style="list-style-type: none"> <li>AMF Control Panel to ATS1</li> <li>AMF Control Panel to ATS2</li> <li>AMF Control Panel to ATS3</li> <li>AMF Control Panel to ATS4</li> <li>AMF Control Panel to GCB</li> <li>DPE-PP-CPMCE via ATS1</li> <li>DPE-PP-CPMCE via ATS2</li> <li>DPE-PP-CPMCE via ATS3</li> <li>DPE-PP-CPMCE via ATS4</li> </ol>	<p>Yes, this is included in the scope of works. Please refer to Exterior Electrical Plans for the UG conduit routing and sizes. Refer to the link below: <a href="#">Phase 1 Package 3 Electrical</a></p>
<p><b>Q95.</b> Building No. 112.1. Please provide concrete strength for all structural members</p>	<p>Concrete strength is <math>f_c' = 21\text{Mpa}</math> (3000psi).</p>
<p><b>Q96.</b> Site Development. Please provide details of Trapezoidal Earth Ditch.</p>	<p>Please refer to the link below: <a href="#">X_TCGI_D DETAIL-Model.pdf</a></p>
<p><b>Q97.</b> Site Development. Kindly provide locations of hubless cast iron pipe for items under Sewer System 1001 (1) d3.1 and 100 (1) d2.1. As per Specs and general notes, we</p>	<p>Item 1001 (1) d3.1 and 1001 (1) d2.1 is not in the site development. These items are included in Sewer System of Building 18 (Married/Junior Officers Quarters).</p>

<p>only have uPVC and PVC pipes for sewer pipes.</p>	
<p><b>Q98.</b> Site Development. Please provide Electrical and Auxiliary Plans for Site Development.</p>	<p>Please refer to the link below: <a href="#">Phase 1 Package 3 Electrical</a></p>
<p><b>Q99.</b> Site Development. Please provide Encasement Details for the Telco, CATV and Electrical Power Service..</p>	<p>Please refer to the link below: <a href="#">E0-10 DUCT BANK AND HANDHOLE DETAILS.pdf</a></p>
<p><b>Q100.</b> Fire Protection Works. Please provide details for the crossmain to branch line connections.</p>	<p>Please refer to the link below for connection details: <a href="#">Crossmain to Branchline.JPG</a></p> <p>For location of grooved couplings, please refer to piping layouts.</p>
<p><b>Q101.</b> Fire Protection Works. Please provide details for Flushing Connection.</p>	<p>Please see detail on the link for the typical flushing connection. Please refer to drawing FP1-1 Note 16. <a href="#">BLDG 1</a></p> <p>All flushing connections should be extended with a 40mm diameter pipe and a gate valve.</p>
<p><b>Q102.</b> Electrical / Electronic Works. Please provide Technical Specifications for the Public Address System. Issued specs are for the Grounding System.</p>	<p>PA System is already included in the issued Technical Specification. Refer to Item 1107 of the Tech Specs.</p>
<p><b>Q103.</b> As mentioned during the Prebid Conference held last October 25, 2021, the Employer might require a Special Permit License (SPL) issued by the Professional Regulatory Commission (PRC) if the Bidder intends to nominate Foreign Engineers. However, please consider that the SPL issuance is a long process of application in the PRC and is</p>	<p>Please see reply to <b>Q2</b> of <b>Bid Bulletin No. 4.</b></p>

<p>usually secured by a Foreign Engineer once he/she is engaged/hired for a project in the Philippines. Since we are still in the Bidding process, we hereby request your good office to allow us to submit for nominated Foreign Engineers a Certificate of Recognition for the “ASEAN Chartered Professional Engineer” issued by the ASEAN Charter Professional Engineer Coordinating Committee, which is duly recognized by ASEAN members including the Philippines. We have attached herewith a sample of the certification of recognition for reference. See Annex “A” <a href="#">Query link. at page 3 (Annex A).</a></p>	
<p><b>Q104.</b> We submit our REQUEST FOR EXTENSION of submission of bid from NOvember 24, 2021 to December 22, 2021. Kindly refer to ANNEX “B” for the formal request. <a href="#">Query link, at page 5 (Annex B).</a></p>	<p>Please refer to <b>Q1</b>.</p>
<p><b>Q105.</b> General. We request to allow the repetition of the KEY PERSONNEL that were submitted in Package 2 of this project, and later subject for substitution/replacement in the event that the same Bidder is awarded with Packages 2 and 3. Under Section IV General Condition of the Contract, Item 4, 2nd paragraph, it is stated that <i>“The procuring entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of</i></p>	<p>Please see reply to <b>Q10</b> of <b>Bid Bulletin No. 4</b>.</p>

<p><i>the personnel listed in the schedule.”</i></p>	
<p><b>Q106.</b> General. Please advise if this is a re-measurable or lump sum contract</p>	<p>The project will be undertaken under a unit price/remasurement contract.</p>
<p><b>Q107.</b> Civil. Please provide the Geotechnical Investigation Reports</p>	<p>Please refer to the link below: <a href="#">BTP Geotechnical Report</a></p>
<p><b>Q108.</b> Electrical (All Buildings) Please advise if the Application for Internet/Telephone is not included in the scope of works of the Contractor.</p>	<p>This is included.</p>
<p><b>Q109.</b> Electrical (All Buildings) Please provide the Single Line Diagram for BOQ Item No. 1102(33)b "Remote/Start Stop Push Button in NEMA 3R Enclosure".</p>	<p>The Single Line Diagram for the Remote / Start Push Button in NEMA 3R Enclosure will be provided by the equipment supplier.</p>
<p><b>Q110.</b> Electrical (All Buildings) Please provide the Single Line Diagram for BOQ Item No. 1102(34)b "Combination of ECB 20AT/100AF 1P 230V and Magnetic Motor Starter (MMS) in NEMA 3R Enclosure".</p>	<p>The Single Line Diagram will be provided by the equipment supplier.</p>
<p><b>Q111.</b> Electrical (All Buildings) Please provide the Single Line Diagram for BOQ Item No. 1102(34)e "Combination of ECB 30AT/100AF 1P 230V and Magnetic Motor Starter (MMS) in NEMA 3R Enclosure".</p>	<p>The Single Line Diagram will be provided by the equipment supplier.</p>
<p><b>Q112.</b> Electrical (All Buildings) Please advise if the BOQ Item No. 1104(2) "Audio Visual Equipment consist of the following 1 set of Projector</p>	<p>Yes. Item 1104(2) will be supplied and installed by the end-user.</p>

<p>screen, 1set of LCD Projector, 230V, 60Hz, 1set of Mixer/Amplifier, 1 set of Free-Standing Closed Rack and other accessories needed to make the system complete and operational." is Owner Supplied and Installed.</p>	
<p><b>Q113.</b> Exterior Electrical. Please provide the detailed layout plan of the Overhead Power Distribution system</p>	<p>Please refer to the link below: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q114.</b> Exterior Electrical. Please provide the detailed layout plan of the Underground Low Voltage Power and Auxiliary Distribution System (Reinforced Concrete Encasement Vehicular Type)</p>	<p>Please refer to the link below: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q115.</b> Exterior Electrical. Please provide the detailed layout plan of the Underground Low Voltage Power and Auxiliary Distribution System (Reinforced Concrete Encasement Vehicular Type)</p>	<p>Please refer to the link below: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q116.</b> Exterior Electrical. Please provide the detailed layout plan of the Exterior lighting</p>	<p>Please refer to the link below: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q117.</b> Exterior Electrical. Please provide the detailed layout plan of the Overhead to Underground Transition (Termination Pole), 13.2/7.62 KV, 3Ø.</p>	<p>Please refer to the link below: <a href="#">Phase 1 Package 3 Exterior Electrical</a></p>
<p><b>Q118.</b> Please confirm if the areas highlighted on the images below are included in the site development scope of works (Phase 1 - Package 3). These</p>	<p>Clearing and Grubbing, and Earthworks are included under Phase 1 Package 3.</p>

<p>areas were not highlighted in the Pre-Bid, however were hatched as part of Phase 1 - Package 3 in the issued drawings:</p> <ul style="list-style-type: none"> <li>a. Adjacent to Bldg. 31</li> <li>b. Adjacent to Bldg. 109 &amp; 110</li> <li>c. Adjacent to Bldg. 23.8</li> <li>d. Adjacent to Bldg. 20.5</li> <li>e. Adjacent to Bldg. 33</li> <li>f. Adjacent to Bldg. 111</li> <li>g. Adjacent to Bldg. 82</li> </ul> <p><a href="#">Query link with drawings</a></p>	<p>Road and parking pavement are not included.</p>
<p><b>Q119.</b> Site Development. Please provide complete plans and details of Outdoor Basketball Court (2 units), not included to issued plan;</p>	<p>Please refer to <b>Q9</b>.</p>
<p><b>Q120.</b> Please clarify the formula for Total Cost in the provided Detailed Cost Estimate (see image below)</p> <div style="text-align: center;">  </div> <p>The formula for the Total Cost should be <math>[(5)+(11) \times (3)]</math>. Please confirm.</p>	<p>The formula in the provided form for Detailed Cost Estimate is correct.</p> <p>Column (12) refers to the estimated Total Cost which is equal to the sum of the Estimated Direct Cost [Column (5)] and Total Indirect Cost [Column (11)].</p> <p>Please refer to DPWH Department Order No. 197 Series of 2016 for further clarification.</p>
<p><b>Q121.</b> Please confirm if the Project will be under PEZA.</p>	<p>No.</p>
<p><b>Q122.</b> Building no. 1. Please indicate in the Genset Room the location of ATS 1 &amp; 2.</p>	<p>Please refer to Sheet E1-3D up to 3E.</p>



<b>Q123.</b> Building no. 1. Please provide Conduit/Cable Tray Routing Layout from Genset Room to EE-Rooms.	Please refer to Sheet E1-3D up to 3E.
<b>Q124.</b> Building no. 17. Please verify if the roughing ins and wiring ins from DPSOQB to PP-SOQB1B and PP-SOQ2B are part of our scope of works. If yes, please include in the BOQ, the materials/equipment needed and plans indicating the location of the panels.	Please refer to <b>Q67</b> .

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

Issued on 26 November 2021

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

**ATTY. MARIA SOLEDAD C. SAN PABLO**  
Vice Chairperson

**BACI2021-0234**