

**SUPPLEMENTAL BID BULLETIN  
 IB 2017-007B**

*This Bid bulletin is issued to modify or amend items in the Bid Documents. This shall form an integral part of the Bid Documents.*

**I. ELIGIBILITY REQUIREMENTS**

**A. Basic**

1. *The eligibility requirements for Design and Build Scheme shall comply with the applicable provisions of Sections 23 – 24 of IRR of RA 9184. and*
2. *A modified set of requirements integrating eligibility documents and criteria for infrastructure projects and consulting services shall be adopted in accordance with Annex G - Guidelines for the Procurement and Implementation of Contracts for Design and Build Infrastructure Projects Annex “G” of IRR of RA 9184*
3. *The Design and Build Contractor must have completed projects in the amount of at least fifty percent (50%) per project package in the last two (2) years and must have the network and resources in place preferably per region, to mobilize the contemplated nationwide Design and Build Services.*
4. *The Design and Build Contractor must have an ongoing or completed projects with experience in design and construction of pressurized systems for operating rooms and Intensive care units (Positive and Negative Pressure) and any other related hospital mechanism e.g. Medical Gas Equipment.*

**B. Specialized**

1. *For the Pre-Detailed Design and Detailed Design portion of the contract, the Bidder must have the minimum number of professionals as shown below. However, should the Bidder opine that the required number would be insufficient to complete the works/services within the specified time frame; the Bidder can hire additional staff which method deserves to be detailed or*

*explained in the Bidder's Technical Proposal. Likewise the Bidder shall remunerate this additional staff all within the Bidder's Financial Proposal.*

- a. Project Coordinator/ Architect
  - i. Licensed Architect*
  - ii. At least 10 years experience in overall project management*
  - iii. Superb oral and written communication skills, organization skills and excellent administrative abilities.**
  
- b. Structural/Civil Engineer
  - i. Licensed Structural/Civil Engineer*
  - ii. Preferably at least 5 years experience in hospital and other institutional-related projects*
  - iii. Proficient in Autocad softwares**
  
- c. Electrical Engineer
  - i. Licensed Professional Electrical Engineer*
  - ii. Preferably at least 5 years experience in hospital and other institutional related projects*
  - iii. Proficient in Autocad softwares**
  
- b. Mechanical Engineer
  - i. Licensed Professional Mechanical Engineer*
  - ii. Preferably at least 5 years experience in hospital and other institutional related projects*
  - iii. Proficient in Autocad softwares**
  
- c. Sanitary Engineer
  - i. Licensed Sanitary Engineer*
  - ii. Preferably at least 5 years experience in hospital and other institutional related projects*
  - iii. Proficient in Autocad softwares**
  
- d. Materials Engineer
  - i. Certified Materials Engineer I*
  - ii. Preferably at least 5 years experience in hospital and other institutional related projects**
  
- e. Safety and Health Officer
  - i. Must be a certified Safety Officer*
  - ii. Preferably at least 5 years experience in hospital and other institutional related projects**

- f. *CADD Operator (preferably one for architecture and one for each engineering specialty)*
  - i. *At least Bachelor's Degree in Architecture or Engineering*
  - ii. *Proficient in Autocadd softwares:*

## **II. DRAWING REQUIREMENTS**

*drawings required for submission shall be the following, but not limited to:*

### **A. Architectural**

1. *Perspective, Site Development Plan, Vicinity Map/Location Plan, Table of Contents*
2. *Floor Plans*
3. *Four (4) Elevations*
4. *Two (2) Sections*
5. *Roof Plan showing downspouts, including gutter details, etc.*
6. *Reflected Ceiling Plans*
7. *Details of Stairs and Accessible Ramps (with details of risers, treads, railings, etc.) in form of plans and elevation/section*
8. *Details of Toilets in form of plans and elevation/section*
9. *Details of Specialized Design Features (Cabinets, etc).*
10. *Typical Bay Section*
11. *Detail of Special Rooms:*
  - a. *LINAC*
  - b. *Brachytherapy Room*
12. *Schedule of Doors, gates, emergency exits including specifications for materials and hardware*
13. *Schedule of windows including specifications for materials and hardware*
14. *Schedule of Finishes (Floor, wall, ceiling)*

### **B. Architectural Interiors**

1. *Floor Finish Layout*
2. *Furniture Layout*
3. *Interior Perspectives*

### **C. Structural**

1. *General Notes and Construction Standards*
2. *Site Development Plan*
3. *Foundation Plan*
4. *Floor Framing Plan/s*
5. *Roof Framing Plan*
6. *Schedule and Detail of Footings and Column*
7. *Schedule and Detail of Beams and Floor Slabs*
8. *Detail of Trusses*
9. *Details of Stairs, Ramps, Fire Exits*

## 10. Elevator Details

### **D. Electrical**

1. *General Notes and Legend*
2. *Location and Site Plan*
3. *Lighting Layout*
4. *Power Layout*
5. *Auxiliary System Layout*
  - a. *Nurse Call System*
  - b. *Telephone Layout*
  - c. *Paging System Layout*
  - d. *LAN System Layout*
  - e. *Fire Alarm System Layout*
  - f. *Security System Layout (CCTV)*
  - g. *Intercom Layout*
  - h. *Cable Antenna Layout*
  - i. *ACU Plan*
6. *Schedule and Detail of Loads*
7. *Riser Diagram*
8. *Other Details*

### **E. Plumbing/Sanitary**

1. *General Notes and Legend*
2. *Location and Site Plan*
3. *Storm Drainage Layout, including Roof Plan*
4. *Waterline Layout*
5. *Sewerline Layout*
6. *Isometric Layout, showing storm drainage, waterline, sewerline layouts*
7. *Details of connections, catch basins, downspouts, etc.*
8. *Detail of Septic Tank/Sewer Treatment Plant*

### **F. Mechanical**

1. *General Notes and Legend, Site Development Plan, Location Plans*
2. *Ventilation and ACU Layout and Details*
3. *Medical Gas Pipeline Details*
4. *Airconditioning System and Details*
5. *Fire Suppression Design Layout and Details*
6. *Details of Water Tank and Flow Diagram*
7. *Details of Fire Detection and Alarm System*
8. *Details of Elevator*
9. *Details of Other Machinery/Equipment & Installation*



**Republic of the Philippines**  
**Department of Health**  
**NATIONAL CENTER FOR HEALTH FACILITY DEVELOPMENT**  
 Bldg. No. 4, San Lazaro Compound, Rizal Avenue, Sta. Cruz, Manila  
 Tel. Nos. 743-83-01 loc. 1453 and 1454



*Checklist of Drawing Requirements in the preparation/evaluation/approval of Detailed Architectural and Engineering Plans and other Documents for Infrastructure Project Implementation*

Reference: *Revised Implementing Rules and Regulations of the National Building Code of the Philippines (PD 1096)*

Project : Design & Build for the Construction of Cancer Building  
 Location : Batangas Medical Center, Batangas City

SHEET NUMBER	SHEET CONTENTS	REMARKS*
	<b>ARCHITECTURAL DRAWINGS</b> (as applicable)	
A – 1 (a...n)	Perspective, Site Development Plan, Vicinity Map/Location Plan (2.00 Kms. Radius) Table of Contents	
A – 2 (a...n)	Floor Plans (scale 1:100m minimum) including furniture layout when necessary	
A – 3 (a...n)	Four (4) Elevations (scale 1:100m minimum)	
A – 4 (a...n)	Two (2) Sections (scale 1:100m minimum) including spot details when necessary	
A – 5 (a...n)	Roof Plan/s showing downspouts (scale 1:100m minimum), including detail of gutter, downspout, etc.	
A – 6 (a...n)	Reflected ceiling plan/s (scale 1:100m minimum), including details	
A – 7 (a...n)	Details of Stairs, fire escapes/exits, accessible ramps, etc. (scale 1:50m), including details of railings, treads, risers, etc., in the form of plans, elevation/section	
A – 8 (a...n)	Details of Toilets (1:50 m) including accessible toilets in the form of plans, elevation/section	
A – 9 (a...n)	Details of specialized design features (scale 1:50 m) such as partitions, cabinets, etc. and accessible design features	
A – 10 (a...n)	Detail of typical bay section from ground to roof (scale 1:50 m)	
A – 11 (a...n)	Details of special rooms (1:50 m) in the form of plans, elevations/section	
A – 12 (a...n)	Schedule of doors, gates, emergency exits, etc. (scale 1:50 m), including specifications for materials and hardware	
A – 13 (a...n)	Schedule of windows (scale 1:50 m), including specifications for materials and hardware	
A – 14 (a...n)	Schedule of finishes for interior and exterior floors, walls, ceilings	
	Architectural Technical Specifications	
	Architectural Scope of Works	
	Architectural Bill of Quantities	
* To be marked as either Complying or Non Complying/Complete or Incomplete by the evaluator or to be filled with supporting comments (use additional sheets if necessary)		
Evaluated by: _____		

*Checklist of Drawing Requirements in the preparation/evaluation/approval of Detailed Architectural and Engineering Plans and other Documents for Infrastructure Project Implementation*

Reference: *Revised Implementing Rules and Regulations of the National Building Code of the Philippines (PD 1096)*  
 Project : Design & Build for the Construction of Cancer Building  
 Location : Batangas Medical Center, Batangas City

<b>SHEET NUMBER</b>	<b>SHEET CONTENTS</b>	<b>REMARKS*</b>
<b>ARCHITECTURAL INTERIOR DESIGN DRAWINGS (as applicable)</b>		
<i>AID – 1 (a...n)</i>	<i>Floor Plans showing layout of floor finishes (scale 1:100m minimum)</i>	
<i>AID – 2 (a...n)</i>	<i>Floor Plans showing layout of furniture/finishing partitions, cabinets, etc. (scale 1:100m minimum)</i>	
<i>AID – 3 (a...n)</i>	<i>Interior Elevations and Sections showing wall patterns, ceiling sections, etc. (scale 1:100m minimum)</i>	
<i>AID – 4 (a...n)</i>	<i>Details of Partitions, Cabinets, Furniture, Ceiling and other Interior Design Features (scale 1:100m minimum)</i>	
<i>AID – 5 (a...n)</i>	<i>Architectural Interior Perspective/s</i>	
<i>Architectural Interior Design Technical Specifications</i>		
<i>Architectural Interior Design Scope of Works</i>		
<i>Architectural Interior Design Bill of Quantities</i>		
<p>* To be marked as either Complying or Non Complying/Complete or Incomplete by the evaluator or to be filled with supporting comments (use additional sheets if necessary)</p>		
<p>Evaluated by: _____</p>		
		<i>Page 2 of 6</i>



**Republic of the Philippines**  
**Department of Health**  
**NATIONAL CENTER FOR HEALTH FACILITY DEVELOPMENT**  
 Bldg. No. 4, San Lazaro Compound, Rizal Avenue, Sta. Cruz, Manila  
 Tel. Nos. 743-83-01 loc. 1453 and 1454



*Checklist of Drawing Requirements in the preparation/evaluation/approval of Detailed Architectural and Engineering Plans and other Documents for Infrastructure Project Implementation*

Reference: Revised Implementing Rules and Regulations of the National Building Code of the Philippines (PD 1096)

Project : Design & Build for the Construction of Cancer Building  
 Location : Batangas Medical Center, Batangas City

SHEET NUMBER	SHEET CONTENTS	REMARKS*
	<b>STRUCTURAL DRAWINGS</b> (as applicable)	
S – 1 (a...n)	General Notes and Construction Standards	
S – 2 (a...n)	Site Development Plan	
S – 3 (a...n)	Foundation Plan/s (scale 1:100m minimum)	
S – 4 (a...n)	Floor Framing Plan/s (scale 1:100m minimum)	
S – 5 (a...n)	Roof Framing Plan (scale 1:100m minimum)	
S – 6 (a...n)	Schedule and Detail of Footings and Columns	
S – 7 (a...n)	Schedule and Detail of Beams and Floor Slabs	
S – 8 (a...n)	Detail of Trusses	
S – 9 (a...n)	Details of Stairs, Ramps, Fire Exits	
S – 10 (a...n)	Other Spot details	
	Structural Analysis and Design (for 2 storey building and higher)	
	Boring and Land Test Results (for 3 storey building and higher)	
	Seismic Analysis	
	Structural Technical Specifications	
	Structural Scope of Works	
	Structural Bill of Quantities	
* To be marked as either Complying or Non Complying/Complete or Incomplete by the evaluator or to be filled with supporting comments (use additional sheets if necessary)		
Evaluated by: _____		



*Checklist of Drawing Requirements in the preparation/evaluation/approval of Detailed  
 Architectural and Engineering Plans and other Documents for Infrastructure Project Implementation*

Reference: Revised Implementing Rules and Regulations of the National Building Code of the Philippines (PD 1096)

Project : Design & Build for the Construction of Cancer Building  
 Location : Batangas Medical Center, Batangas City

<b>SHEET NUMBER</b>	<b>SHEET CONTENTS</b>	<b>REMARKS*</b>
	<b>ELECTRICAL DRAWINGS</b> (as applicable)	
<i>E – 1 (a...n)</i>	<i>General Notes and Legends</i>	
<i>E – 2 (a...n)</i>	<i>Location and Site Plan</i>	
<i>E – 3 (a...n)</i>	<i>Lighting Layout (scale 1:100m minimum) including details</i>	
<i>E – 4 (a...n)</i>	<i>Power Layout (scale 1:100m minimum) including details</i>	
<i>E – 5 (a...n)</i>	<i>Auxiliary System Layout (scale 1:100m minimum) including details</i>	
<i>E – 6 (a...n)</i>	<i>Schedule and Detail of Loads</i>	
<i>E – 7 (a...n)</i>	<i>Riser Diagram</i>	
<i>E – 8 (a...n)</i>	<i>Other Detail</i>	
	<i>Electrical Computation</i>	
	<i>Design Analysis</i>	
	<i>Electrical Technical Specifications</i>	
	<i>Electrical Scope of Works</i>	
	<i>Electrical Bill of Quantities</i>	
<p>* To be marked as either Complying or Non Complying/Complete or Incomplete by the evaluator or to be filled with supporting comments (use additional sheets if necessary)</p>		
<p>Evaluated by: _____</p>		

**AUXILIARY SYSTEM INCLUDES THE FF:**

1. Nurse Call System
2. Telephone System
3. Paging System
4. LAN System
5. Fire Alarm System





Republic of the Philippines  
 Department of Health  
**NATIONAL CENTER FOR HEALTH FACILITY DEVELOPMENT**  
 Bldg. No. 4, San Lazaro Compound, Rizal Avenue, Sta. Cruz, Manila  
 Tel. Nos. 743-83-01 loc. 1453 and 1454



*Checklist of Drawing Requirements in the preparation/evaluation/approval of Detailed  
 Architectural and Engineering Plans and other Documents for Infrastructure Project Implementation*

Reference: Revised Implementing Rules and Regulations of the National Building Code of the Philippines (PD 1096)

Project : Design & Build for the Construction of Cancer Building  
 Location : Batangas Medical Center, Batangas City

SHEET NUMBER	SHEET CONTENTS	REMARKS*
	<b>PLUMBING/SANITARY DRAWINGS</b> (as applicable)	
P – 1 (a...n)	General Notes and Legends	
P – 2 (a...n)	Location and Site Plan	
P – 3 (a...n)	Storm Drainage Layout (scale 1:100m minimum) including actual length of tapping line to Main Drainage Line	
P – 4 (a...n)	Waterline Layout (scale 1:100m minimum) including actual length of tapping line from main water source when applicable	
P – 5 (a...n)	Sewerline Layout (scale 1:100m minimum) including actual length of tapping line to septic tank or existing sewerline	
P – 6 (a...n)	Isometric Layout, showing waterline, sewerline and drainage line	
P – 7 (a...n)	Detail of connections, catch basins, downspouts, etc.	
P – 8 (a...n)	Detail of Septic Tank/Sewer Treatment Plant	
<i>Design Analysis</i>		
<i>Sanitary Technical Specifications</i>		
<i>Sanitary Scope of Works</i>		
<i>Sanitary Bill of Quantities</i>		
* To be marked as either Complying or Non Complying/Complete or Incomplete by the evaluator or to be filled with supporting comments (use additional sheets if necessary)		
Evaluated by: _____		



*Checklist of Drawing Requirements in the preparation/evaluation/approval of Detailed  
 Architectural and Engineering Plans and other Documents for Infrastructure Project Implementation*

Reference: Revised Implementing Rules and Regulations of the National Building Code of the Philippines (PD 1096)

Project : Design & Build for the Construction of Cancer Building  
 Location : Batangas Medical Center, Batangas City

SHEET NUMBER	SHEET CONTENTS	REMARKS*
	<b>MECHANICAL DRAWINGS</b> (as applicable)	
M – 1 (a...n)	General Notes and Legends, Site Development Plan, Location Plans	
M – 2 (a...n)	Floor Plans/Isometric Drawings (scale 1:100m minimum) showing Ventilation and Air Conditioning Systems and other installations	
M – 3 (a...n)	Floor Plans/Isometric Drawings (scale 1:100m minimum) of Medical Gaspipeline System and Details	
M – 4 (a...n)	Floor Plans/Isometric Drawings (scale 1:100m minimum) of Air-conditioning Systems and Details	
M – 5 (a...n)	Floor Plans/Isometric Drawings (scale 1:100m minimum) of Fire Suppression Systems, fire sprinkler system, wet stand pipe, dry standpipe and other installation	
M – 6 (a...n)	Details Water Tank, Flow Diagram (scale 1:50m)	
M – 7 (a...n)	Details of Firewater Supply Sytem (scale 1:50m)	
M – 8 (a...n)	Detail of Elevators, Escalators, Dumbwaiters, etc. (scale 1:50m)	
M – 9 (a...n)	Detail of Other Machinery/Equipment (scale 1:50)	
M – 10 (a...n)	Longitudinal and Transverse Section of Building (scale 1:100m) showing manner of support of machines/equipment	
	Mechanical Technical Specifications	
	Mechanical Scope of Works	
	Mechanical Bill of Quantities	
* To be marked as either Complying or Non Complying/Complete or Incomplete by the evaluator or to be filled with supporting comments (use additional sheets if necessary)		
Evaluated by: _____		

### III. DESIGN PRESENTATION

To achieve a photo-realistic presentation of the design concept, the bidder is required to submit a walk-through presentation.

## CHECKLIST OF ELIGIBILITY, TECHNICAL AND FINANCIAL DOCUMENTS

### ENVELOPE NO. 1: ELIGIBILITY AND TECHNICAL COMPONENTS

## **CLASS “A” DOCUMENTS**

1. *DTI Registration Certificate for Sole Proprietorship; SEC Registration Certificate for Corporation;*
2. *Valid and current Mayor’s Permit;*
3. *Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR;*
4. *Statement of the prospective bidder’s 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. (See BDS for the format);*
5. *Statement of bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid within the period of two (2) years;*
6. *PhilGEPS Certificate of Registration;*
7. *Valid Philippine Contractor’s Accreditation Board (PCAB) license and registration for the type and cost of the contract for this project;*
8. *Audited Financial Statements showing the prospective bidder’s total and current assets and liabilities, stamped “received” by the BIR or its duly accredited and authorized institutions, for the preceding calendar year, which should not be earlier than two (2) years from bid submission;*
9. *Prospective Bidders computation of its Net Financial Contracting Capacity (NFCC);*
10. *BIR Certificate of Registration (BIR 2303)*

## **CLASS “B” DOCUMENTS**

1. *If applicable, the JVA in case of Joint Venture is already in existence, or duly notarized statements from all 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.*
2. *Bid Security*
  - 2.1. *(2% of the ABC) if bid security is in CAs, cashier’s/ managers check; bank draft/ guarantee or irrevocable letter of credit; or*
  - 2.2. *(5% of ABC) if bid security is Surety Bond (it shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments); and*
  - 2.3. *Bid Securing Declaration*
3. *Project requirements, which shall include the following:*
  1. *Organizational Chart for the contract to be bid*
  2. *List of contractor’s personnel to be assigned for the project to be bid with their complete qualification and experience data to wit; (Also attach their respective PRC License ID and PTR)*
    - a. *Project Coordinator/ Architect*
      - *Licensed Architect*
      - *At least 10 years’ experience in overall project management*

- *Superb oral and written communication skills, organization skills and excellent administrative abilities.*
- b. *Structural/Civil Engineer*
- *Licensed Structural/Civil Engineer*
  - *Preferably at least 5 years experience in hospital and other institutional-related projects*
  - *Proficient in Autocad softwares*
- c. *Electrical Engineer*
- *Licensed Professional Electrical Engineer*
  - *Preferably at least 5 years' experience in hospital and other institutional related projects*
  - *Proficient in Autocad softwares*
- g. *Mechanical Engineer*
- *Licensed Professional Mechanical Engineer*
  - *Preferably at least 5 years' experience in hospital and other institutional related projects*
  - *Proficient in Autocad softwares*
- h. *Sanitary Engineer*
- *Licensed Sanitary Engineer*
  - *Preferably at least 5 years' experience in hospital and other institutional related projects*
  - *Proficient in Autocad softwares*
- i. *Materials Engineer*
- *Certified Materials Engineer I*
  - *Preferably at least 5 years' experience in hospital and other institutional related projects*
- j. *Safety and Health Officer*
- *Must be a certified Safety Officer*
  - *Preferably at least 5 years' experience in hospital and other institutional related projects*
- k. *CADD Operator (preferably one for architecture and one for each engineering specialty)*
- *At least Bachelor's Degree in Architecture or Engineering*
  - *Proficient in Autocadd softwares*
4. *Contractor's Certification of Key Personnel for the Contract with Key Personnel's affidavits of commitment to work in the contract*

5. *Manpower Schedule*
6. *List of Contractor's equipment units, which are owned, leased and or/ under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project;*
7. *Construction schedule and S-Curve*
8. *PERT/ CPM*
9. *Design and Construction methods*
10. *Equipment Utilization Schedule*
11. *Value Engineering Analysis of design*
12. *Construction Safety and Health Program*
13. *Scope of Works*
14. *Summary of Works*
15. *Site Inspection Certificate*
16. *Authority of Signatory/ Special Power of Attorney of the signing official*
17. *Omnibus Sworn Statement in accordance with Section 25.3 of the IRR of RA 9184 and using the prescribed form in Section VIII- Bidding Forms.*
18. *Design/ Drawing Requirements*

**A. Architectural**

1. *Perspective, Site Development Plan, Vicinity Map/Location Plan, Table of Contents*
2. *Floor Plans*
3. *Four (4) Elevations*
4. *Two (2) Sections*
5. *Roof Plan showing downspouts, including gutter details, etc.*
6. *Reflected Ceiling Plans*
7. *Details of Stairs and Accessible Ramps (with details of risers, treads, railings, etc.) in form of plans and elevation/section*
8. *Details of Toilets in form of plans and elevation/section*
9. *Details of Specialized Design Features (Cabinets, etc).*
10. *Typical Bay Section*
11. *Detail of Special Rooms:*
  - *Nurse Station*
  - *Connecting Bridge to OB Building*
12. *Schedule of Doors, gates, emergency exits including specifications for materials and hardware*
13. *Schedule of windows including specifications for materials and hardware*
14. *Schedule of Finishes (Floor, wall, ceiling)*

**B. Architectural Interiors**

1. *Floor Finish Layout*
2. *Furniture Layout*
3. *Interior Perspectives*

**C. Structural**

1. *General Notes and Construction Standards*
2. *Site Development Plan*
3. *Foundation Plan*
4. *Floor Framing Plan/s*
5. *Roof Framing Plan*
6. *Schedule and Detail of Footings and Column*
7. *Schedule and Detail of Beams and Floor Slabs*
8. *Detail of Trusses*
9. *Details of Stairs, Ramps, Fire Exits*
10. *Elevator Details*
11. *Connecting Bridge Details*

**D. Electrical**

1. *General Notes and Legend*
2. *Location and Site Plan*
3. *Lighting Layout*
4. *Power Layout*
5. *Auxiliary System Layout*
6. *Nurse Call System*
7. *Telephone Layout*
8. *Paging System Layout*
9. *LAN System Layout*
12. *Fire Alarm System Layout*
13. *Security System Layout (CCTV)*
14. *Intercom Layout*
15. *Cable Antenna Layout*
16. *ACU Plan*
17. *Schedule and Detail of Loads*
18. *Riser Diagram*
19. *Other Details*

**E. Plumbing/Sanitary**

1. *General Notes and Legend*
2. *Location and Site Plan*
3. *Storm Drainage Layout, including Roof Plan*
4. *Waterline Layout*
5. *Sewerline Layout*
6. *Isometric Layout, showing storm drainage, waterline, sewerline layouts*
7. *Details of connections, catch basins, downspouts, etc.*
8. *Detail of Septic Tank/Sewer Treatment Plant*

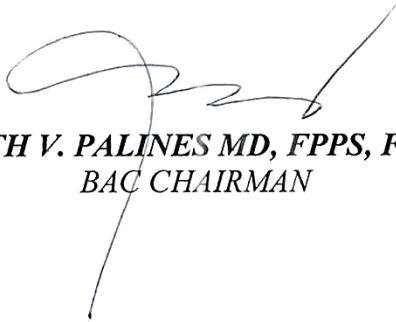
**F. Mechanical**

1. *General Notes and Legend, Site Development Plan, Location Plans*
2. *Ventilation and ACU Layout and Details*

3. *Medical Gas Pipeline Layout and Details*
4. *Airconditioning System and Details*
5. *Fire Suppression Design Layout and Details*
6. *Details of Water Tank and Flow Diagram*
7. *Details of Fire Detection and Alarm System*
8. *Details of Elevator*
9. *Details of Other Machinery/Equipment & Installation*

**ENVELOPE NO. 2: FINANCIAL COMPONENTS**

1. *Financial Bid Form*
2. *Bill of Quantities*
3. *Detailed Estimates, including summary sheet indicating unit prices of construction materials, labor rates and equipment rental, and the direct and indirect costs used in coming up with the bid, including 7% VAT*



**ELIZABETH V. PALINES MD, FPPS, FCNSP, FPNA**  
**BAC CHAIRMAN**

*Received by the bidder:*

\_\_\_\_\_  
*Signature Over Printed Name*

\_\_\_\_\_  
*Date Received*