



UNIVERSITY OF THE PHILIPPINES MANILA
The Health Sciences Center
8th Floor Central Block Bldg., PGH
Taft Avenue, Manila
SPECIAL BIDS AND AWARDS COMMITTEE

BID BULLETIN No. SWC_3R2015-02_9

27 February 2015

PROJECT TITLE: **SPORTS AND WELLNESS CENTER [PHASE 1] – RE BID**
University of the Philippines Manila

SUBJECT: **ANSWERS TO QUERIES**

This bid bulletin supersedes previous bid bulletins issued from the first bidding for the Sports and Wellness Center (Phase 1). This also includes additional queries raised during the Pre bid Conference held last February 16, 2015.

A. Civil and Finishing Works:

1. Clarification on Plans, Scope of Works and Specifications
 - The elevator shaft is part of **Phase 1** construction
 - Please refer to S-10 for the specific concrete strength of various structural components.
2. Item 14.2 of the Bid Data Sheet, particularly on the value engineering is not applicable for this project.
3. QUERY: Are vinyl tiles included? As per the floor Finish Plans, all vinyl tiles are for Phase 2 construction, however, on the BOQ Form it is included.
ANSWER: Supply and installation of Vinyl tiles are included in **Phase 1**.
4. QUERY: The same goes with W-1 and W-4. As per the Elevations, it is noted for **Phase 2** construction but the said items are listed in the BOQ.
ANSWER: Windows W-1 and W-4 are included in **Phase 1**
5. QUERY: Which areas are CHB? And which are Dry Wall Partition? Are all the CHB walls 4" thk? Including exterior walls? As per the BOQ Form, only 4" thk. CHB are indicated, but when you look at the elevations exterior walls at the façade and rear are noted as 150mm thk.
ANSWER: Exterior CHB Walls shall be 150mm (6") THK on ground floor only (refer to attachment B for the wall schedule layout)
6. QUERY: On the façade, is the 150mm thk. CHB wall in plaster finish with groove included? There is no indication that the walls are for Phase 2 but 150mm/6" is not indicated in the BOQ Form.
ANSWER: Refer to updated BOQ
7. QUERY: What is the depth of footing excavation (F-1 & F-2)? It is not indicated.
ANSWER: Depth of footing from NGL. Refer to Det. 5 S-8
8. QUERY: What is the thickness of the concrete slab? It is not indicated.
ANSWER: Typical Slab Thickness shall be 5" THK
9. QUERY: R-bars for suspended slab (S-1) will also be the same for ground floor slab (slab on fill)? If not, please provide plans/detail.
ANSWER: R-bars for suspended slabs shall be 12 diameter see (4/S-8).

10. QUERY: *Specify depth of FTB from NGL.*
ANSWER: Depth of footing from NGL. Refer to Det. 5 S-8
11. QUERY: *Provide details/designs of Shear walls (SW-1 & SW-2).*
ANSWER: Shear Wall Detail see sheet S-7
12. QUERY: *Please verify grid lines indicated in Drwg Details (4/S-7)*
ANSWER: Grid lines in dwg Det. (4/S-7) (N,O,P,Q,R,S) shall be (B,C,D,E,F,G)
13. QUERY: *Please reflect locations of truss stiffener on roof framing plans Sheet No. 1/S-6.*
ANSWER: Truss Stiffeners location, refer to dwg. (1/S-9) Truss Elevation.
14. QUERY: *Depth of foundation from NGL.*
ANSWER: Depth of footing from NGL. Refer to Det. 5 S-8
15. QUERY: *What is "FILL" in the Cross section?*
ANSWER: "Fill" pertains to Earth Fill/Back Fill
16. QUERY: *RC Corbel detail.*
ANSWER: RC Corbel Detail. See Sheet S-7 Det. 6/S-7& 7/S-7
17. QUERY: *Slab of Mezzanine is it included in bid?*
ANSWER: **No** mezzanine slab for **phase 1**
18. QUERY: *What material use in CR partition?*
ANSWER: Cubicle Partitions in all comfort rooms shall be Phenolic board partitions
19. QUERY: *Plan of Reflected Ceiling.*
ANSWER: Refer to Attachment A - Reflected Ceiling plan
20. QUERY: *What material use in interior partition?*
ANSWER: Refer to Attachment B - Wall Schedule layout
21. QUERY: *As per Scope of Work, structural works shall be from ground floor up to 3rd floor. If this is the case, until what elevation or height based from the 3rd floor line will the 3rd floor columns and its reinforcements be constructed?*
ANSWER: Structural works shall be from its foundation up to the top of roof beam, including the roof system.
22. QUERY: *Shall we include painting works for the whole building or up to third floor line only?*
ANSWER: Exterior painting works shall include the complete painting of exterior for **Phase 1**.
23. QUERY: *Please clarify the scope of works of structural works if foundations up to third floor line only. How about the elevator shaft and stair, is it up to third floor line only?*
ANSWER: Elevator shaft shall be included for **Phase 1**. (Refer to 1S-5).
Additional info: Elevator Shaft height shall be 0.75M from floor finish line for **Phase 1**

24. QUERY: In the structural plans S-8 the reinforcement for suspended slab are Grade 60 bars while in the Bill of Quantities the item to bid under 3.B is for Grade 40 bars only, which to follow?
ANSWER: Reinforcement bars for suspended bars shall be Grade 40.
25. QUERY: In the structural plans S-10 the strength of concrete to be used are:
- footings & footing beams = 4,000 psi
 - 2nd floor beams & slab = 5,000 psi
 - 3rd floor beams & slab = 4,000 psi
 - column and shear wall foundation to 2nd floor = 5,000 psi
 - column and shear wall to 2nd to roof, footing slp & UG tank = 4,000 psi
 - retaining wall, cistern wall, cistern slab, septic tank, stairs = 4,000 psi
 - lean concrete, non-structural R.C. walls, lintel beams & stiffener columns, slab on fill = 3,000 psi while in the Bill of Quantities Item 3.B the required is 5,000 psi only? Please clarify?
- ANSWER: Following is the final strength of concrete to be followed:
Use 5,000 psi for all the structural concrete strength.
Use 3,000 psi for all non-structural concrete works
26. Additional information: Construction of columns shall be:
- Grid line 2 and 3 - up to the top of roof beam line
 - Grid line 1 and 4 - top of beam line
27. QUERY: Shall we include all Lavatory Countertops w/ pre-polished tiles for Ground, Second & Third Floors?
ANSWER: Include all lavatory countertops for comfort rooms that are included in **Phase 1** for ground floor up to third floor.
28. QUERY: Shall we include all the cubicle partitions for Ground, Second & Third Floor toilets?
Answer: Only cubicle partitions at third floor comfort rooms shall be included for **Phase 1**.
29. QUERY: Since the structural works is up to third floor line only up to where is the design of Fire Protection Works? Up to where is our cost estimate of materials & labor for fire protection? Up to third floor line only? Please clarify?
ANSWER: Fire Protection System coverage shall include areas above mezzanine line.

B. Electrical Works:

30. QUERY: Some schedule of loads (PB) and line diagram (plan sheets E-9 & E-10) are not the same in the given BOQ. Which will govern?
ANSWER: Electrical Works shall be governed by the given BOQ
31. QUERY: Please confirm if all electrical works on all floors is included in the bid. (Ground floor to Mezzanine incl toilets).
ANSWER: Scope of electrical works shall be from Ground Floor up to Third Floor for **Phase 1**.
32. QUERY: What is the specification of the primary distribution line? Size and material.
ANSWER: To be coordinated by contractor with Meralco.
33. QUERY: As per plan MDP is 1200A with 3 sets of 3-250mm² feeder lines. As per BOQ biggest circuit breaker is 500A and biggest wire is 150mm². If there is downgrading what is now size of the transformers?
ANSWER: Refer to updated BOQ

34. QUERY: Since the structural works is up to third floor line only up to where is the scope of electrical works? Is it up to third floor line only?
ANSWER: Electrical works coverage shall include areas above mezzanine line.

C. Plumbing Works:

35. Query: May we request for the detail of the manhole/Specify locations of elevated water tank, cistern tank and septic tank.
ANSWER: Manhole Detail. See (3/P-7) Septic Tank plan detail.
36. QUERY: May we request for the detail of water tank including electromagnetic switch and water pump.
ANSWER: Water Tank location, See Isometric dwg. (2/P-8) above stair well.
37. QUERY: Provide details of storm drainage system & catch basins, if applicable.
ANSWER: Not applicable
38. QUERY: Please confirm if all plumbing works on all floors is included in the bid. (Ground floor to Mezzanine incl toilets
ANSWER: All plumbing works on all floors are included. For toilet fixtures, refer to A-2, A-3 and A-4
39. QUERY: Since the structural works is up to third floor line only up to where is the scope of plumbing works? Is it up to third floor line only?
ANSWER: Plumbing works coverage shall include areas above mezzanine line. (Refer to P-8)

D. Architectural Works:

40. QUERY: Please confirm inclusion of fire escape ladders, if yes, please provide details.
ANSWER: Fire escape ladders are included in **Phase 1**. Refer to Attachment C – Fire Escape Stair Details.
41. QUERY: Provide ramp details
ANSWER: See attached details (Include attachments provided by CPDMO)
42. QUERY: Provide details of fixed window louvers
ANSWER: Refer to A-15 for details.
43. QUERY: Please provide Reflected ceiling plans for all floors
ANSWER: Refer to Attachment A - Reflected Ceiling plan
44. QUERY: In the legend of Architectural Plans A.12, A-13, A-14 the floor tiles 0.60x0.60M Homogenous Tiles and 300x300x1.3mm thk floor vinyl tiles are marked for phase 2 while in the Bill of Quantities there are bid items 1.2 Tile Works 0.60x0.60M Vitrified Floor Tiles and 300x300x1.3mm thk floor vinyl tiles. What will we follow in our bid?
ANSWER: Tile works and all floor finishes (excluding Open Class Area and Temporary Class Rooms) are included in **Phase 1**.

Ground Floor Finish Layout (Sheet A-12)

- Vinyl Tiles for Open Class Area and Temporary Class Rooms will be included in **Phase 2**
- 600x600mm Vitrified Non-skid Class A floor tiles on Ground Floor Comfort Rooms for male, female and PWD shall be included in **Phase 1**

Second Floor Finish Layout (Sheet A-13)

- 600x600mm Vitrified Non-skid Class A floor tiles on Second Floor Comfort Room for PWD only shall be included in **Phase 1**.

Third Floor Finish Layout (Sheet A-14)

a. Include all Floor Finish at Third Floor for **Phase 1**.

45. QUERY: *In the plumbing plans P-7 there is only one (1) 2,500gals capacity stainless steel water tank while in the Scope of Works Architectural Plans A.2 to A-5 there are two (2) water storage tanks. Which to follow?*

ANSWER: There shall be (1) 2,500 Gal Storage tank with complete accessories for **Phase 1**.

46. QUERY: *In the Legend of Architectural Plans A.12, A.13, A-14 FF-02 Chlorinated Rubberized Paint is marked for Phase 2 while in the Scope of Works & Bill of Quantities Item 2.2 there is a bid item, which to follow?*

ANSWER: Only basketball court flooring shall be applied with Chlorinated Rubberized Paint for **Phase 1**.

47. QUERY: *In the Architectural Plans A.7 the tubular pipes fixed louver in the right side elevation are marked for Phase 2 while in the Bill of Quantities there is an Item 2.3 Grill Works 2"x2" & 6"x6" Square Tubing. What will we follow?*

ANSWER: Include Grill works on front and right side elevation for **Phase 1**.

48. QUERY: *In the Architectural Plans A.2 the 6mm thk fiber cement board cladding on 1 ½ x 1 ½ x ¼" angular bar paint finish are marked for Phase 2 while in the Scope of Works and Bill of Quantities Item 2.7 they are included. Which to follow?*

ANSWER: Wall cladding shall be included for **Phase 1**.

E. Miscellaneous: Please confirm inclusion of the following:

49. As decided by the Special Bids and Awards Committee-Sports and Wellness Center Project, in consultation with the Technical Working Group, during the prebid conference conducted on 01 December 2014, following are the final instructions as to the preparation of technical documents for the Fire Protection Facilities:

- The detailed drawing/plan for Fire Protection Facilities, signed and sealed by a licensed professional mechanical engineer should be submitted as part of the Technical Proposal. It is expected that such drawings/plans are in compliance with the "Revised Fire Code of the Philippines, 2008".
- Technical evaluation of such detailed drawings/plans for the Fire Protection Facilities shall be conducted by the representatives of the Bureau of Fire Protection who are invited as members of the Technical Working Group. Evaluation rating shall be either COMPLIANT or NON-COMPLIANT.
- Non-complying design for the Fire Protection Facilities will render the technical proposal "Failed."
- Electronic file of the architectural plan is being provided for reference.

50. QUERY: *Fire Protection works – Sprinklers*

ANSWER: Fire protection works Sprinkler system included in **Phase 1**.

51. QUERY: *Fire alarm system*

ANSWER: Fire Alarm System included in **Phase 1**.

52. QUERY: *Smoke Detectors*

ANSWER: Smoke detectors for **Phase 1**

53. QUERY: *Supply and Installation of ACUs, CCTV, PA System.*

ANSWER: Supply and installation of ACUs, CCTV, PA system are for **Phase 2**.

54. QUERY: *Is a bid securing declaration acceptable as a bid security?*

ANSWER: Please refer to Bid Documents, Section II Instructions To Bidders, Section 18.1 Bid Security.

"In lieu of a bid security mentioned above, the bidder may submit a Bid Securing Declaration that is an undertaking which states, among others, that the bidder shall enter into contract with the procuring entity and furnish the required performance security within ten (10) calendar days, or less, as indicated in the Bidding Documents, from receipt of the Notice of Award, and committing to pay the corresponding fine and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as required in the guidelines issued by the GPPB.18"

55. QUERY: *There is a requirement for underground water cistern at the ground floor. Can you provide us a detail since the depth of the footings in the location of the cistern will be affected? Is it included in Phase 1? Please clarify?*

ANSWER: Underground Cistern shall be included for fire protection system design

56. QUERY: *Is there an existing pressured pipe or fire line where we can connect the fire supply line of the proposed new sports & wellness center? If there is, where is the location?*

ANSWER: Refer to Bid query no. 49

57. QUERY: *As per Bid Bulletin issued, fire protection works sprinkler system, fire alarm system and smoke detectors are for phase 2. If this is so, why include the design in phase 1? Also, is a pre- approved certificate of compliance from Bureau of Fire Protection for the design a requirement in the technical eligibility document?*

ANSWER: Fire Protection system design and installation shall be included in **Phase 1**. Refer to Bid query no. 49


58. Additional Information:

- Concrete works : 5000 psi for all structural concrete works
- lean concrete, non-structural R.C. walls, lintel beams & stiffener columns, slab on fill = 3,000 psi
- Steel works: 16mm dia. cross brace with turnbuckle
- Include VAT at 12% in the estimate.
- Provide dowels for the future expansion of suspended jogging track mezzanine
- On sheet A-8 (Left Side elevation) at third floor, the exterior wall at the portion of fire escape ladder shall be from ground up to ceiling so the D-8 fire exit door can be installed.
- Provide future tapping points for the fire protection system of sprinkler pipes

Additional attachments:

1. Fire protection system area coverage layout.
2. Detail of Temporary barrier for 3rd floor stairwell.
3. Updated wall schedule layout

- Nothing follows -


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