

**UPGRADING OF SWIMMING POOL, DIVING POOL, WARM UP POOL
CONSTRUCTION OF NEW BLEACHERS & JACUZZI (RMSC)RE-BID**

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PROJECT SCOPE OF WORK

This Scope of Work is supplemental to the drawings but not limited to the following:

1. Mobilization of manpower and equipment.
2. Demolition of existing concrete bleacher with equipment room.
3. Demolition of existing swimming pool walkway and exposing the reinforcing steel bars for bar splicing for additional depth of the swimming pool.
4. Demolition of one side longitudinal concrete wall and exposing reinforcing steel bars for bar splicing in widening the swimming pool.
5. Chipping of the entire pebble washout in the pool perimeter.
6. Chipping of the entire tiles in the swimming pool, diving pool and warm up pools.
7. Removal of all existing filtration equipment and accessories.
8. Replacement of existing plumbing lines and fittings for diving pool, swimming pool and warm up pool.
9. Hauling of waste materials and debris.
10. Construction of Concrete Bleacher with filter room and equipment room.
11. Construction of new Jacuzzi at the side of the diving pool.
12. Supply and laying of concrete hollow blocks as permanent formworks at the outer shell of one longitudinal and cross section of the swimming pool.
13. Supply and installation of steel plate on the floor and wall at the outer shell of the swimming pool for permanent forms.
14. Supply and laying of reinforcing steel bars on one longitudinal and cross side of the swimming pool.
15. Supply and laying of reinforcing steel bars on the perimeter wall of the swimming pool for required additional depth.
16. Concreting of perimeter wall and one longitudinal and cross side of the wall of the swimming pool for required additional depth.
17. Application and injection of concrete epoxy on the connection of existing slab and wall to the new slab and wall in widening the swimming pool.

18. Backfilling and compaction on the outer perimeter of the swimming pool due to additional depth.
19. Supply and laying of reinforcing steel bars on the perimeter pool walk.
20. Concreting of the perimeter pool walk.
21. Application of cement based waterproofing on the diving pool, swimming pool and warm up pool.
22. Plastering of pool walls and floors.
23. Supply and installation of 12"x 12" black or blue vitrified floor tiles for lane markings of the swimming pool.
24. Supply and installation of 8"x 8" white vitrified tiles at the interior shell of the diving pool, swimming pool and warm up pool.
25. Supply and installation of 12"x 12" black or blue vitrified floor tiles for lane markings of the swimming pool.
26. Supply and installation of 12"x 24" non-skid floor tiles at the pool perimeter deck.
27. Repair and refurbishing of Pool Diving Platform.
28. Supply and installation of filtration equipment for diving pool, swimming pool and warm up pool.
29. Supply and installation of 1m spring board with fulcrum and 3m spring board with fulcrum at the diving pool side.
30. Supply and installation of Bulkhead.
31. Supply and installation of Starting Block with Relay Break Detection.
32. Supply and installation of Backstroke Poles complete with Flags.
33. Supply and installation of False start Poles complete with Poles.
34. Supply and installation of 50m Anti-wave Lanes.
35. Supply and installation of Touchpads.
36. Supply and installation of Swiss Timing System for Swimming.
37. Supply and installation of Swiss Timing Scoring System for Diving.
38. Supply and installation of Roughtex Diving Mat for Diving Tower.
39. Supply of Touchpad Trolley.
40. Supply of Aluminum Storage Reel.
41. Supply of Diving Judges Chair.
42. Supply of Vision Pace Clock.

43. Supply and installation of plasticized gratings on diving pool walkway, swimming pool walkway and warm up pool walkway.

44. Repair and refurbishing of existing Concrete Bleacher.

- a) Removal of all existing wooden flush doors including jambs.
- b) Removal of all existing wooden cubicle flush doors and jambs at comfort rooms.
- c) Removal of steel window grilles facing the pool area prior to the installation of concrete hollow blocks.
- d) Stripping of peeled-off paints on wall, ceiling and steel railings.
- e) Cleaning and clearing of concrete bleacher surface prior to the installation of new hard plastic seats.
- f) Removal of all existing water closet, lavatories including fittings, urinal flush valve and fittings, shower head, shower valve and floor drains.
- g) Chipping of concrete flooring at comfort rooms.
- h) Supply and installation of wooden flush door with 2" x 5" KD-S4S door jamb.
- i) Supply and installation of phenolic partition at comfort room.
- j) Supply and installation of 12" x 24" synthetic granite tiles on comfort and shower room walls.
- k) Supply and installation of 24" x 24" synthetic granite tiles on comfort and shower room floors
- l) Supply and installation of new plumbing fixtures such as water closet, urinal flush valve and fittings, lavatories, shower head, shower valve, floor drains and fittings.
- m) Supply and installation of new electrical fixtures, outlets, wires and cables including commissioning and testing.
- n) Supply and installation of door locksets.
- o) Repainting of the entire concrete walls, ceiling and steel fence surfaces.
- p) Supply and installation of hard plastic seats at the bleachers.

45. Water distribution:

- a) Partition for the new water pipeline.
- b) Coring of all pipe entries along walls and floorings.
- c) Supply, installation, cleaning and disinfecting of pipe and fittings.
- d) Tapping of new main line to the existing water supply line.
- e) Soil excavation prior to embedding of 3" PVC pipe water line.
- f) All pipes fitting and solvent cement shall be one brand.

g) Tapping of water supply line from main source.

46. Sanitary and Sewer Lines:

- a) Termination and plugging of existing sewer pipe lines toward septic vault.
- b) Chipping, embedding and plastering of walls, floorings and partition for the new sewer pipeline.
- c) Coring of all pipe entries along walls and flooring.
- d) Supply and installation of pipes and fittings.
- e) Tapping of new sewer line to the septic vault.
- f) Soil excavation prior to embedding of 4" PVC pipe sewer line.
- g) Tapping of main sewer line to the existing septic vault.
- h) Tapping of septic overflow to public sewer line.
- i) De-clogging of drainage in comfort rooms and shower rooms.

47. Electrical works:

- a) Supply and installation of all roughing-in, wiring materials, supports, and grounding system.
- b) Supply and installation of all panel boards for lighting and power system.
- c) Supply and installation of all lighting fixtures as indicated in the electrical plans.
- d) Conduct insulation testing on all wiring and panel boards.
- e) Conduct ground testing and resistance reading.
- f) Conduct illumination test and submit the data to engineering unit.
- g) Commissioning.

48. Repair and rehabilitation of Dry Land Training Area.

49. Hauling and clearing of debris.