### RENOVATION OF SWIMMING POOL TERMS OF REFERENCE VALLEY GOLF & COUNTRY CLUB INC.

Pool major dimension:	Pool Size	:	430 sq. m. Pool area
-	Depth	:	4.0 ft to 5.5 ft
	Shape	:	Rectangular

### A. SCOPE OF WORKS AND GENERAL SPECIFICATIONS:

- 1. Swimming Pool complete design NEED TO BE PROVIDED BEFORE BIDDING
- 2. Stake-out/survey, excavation/backfilling, demolition of existing and trimming as per approved plan,
- 3. Check pool elevations,
- 4. Construction of under-drain system and provision of hydro-static relief valve for underground Pressure.
- 5. Supply laying of 12mm reinforcing deformed steel bar 6" 12" on centers both ways and 12mm extra bars on deepest portion (verify specs on plan),
- 6. Supply and installation of complete plumbing system and standard pool accessories. All plumbing lines shall be 1-1/2" – 2" dia. "Neltex", "Emerald" or equivalent brand blue pvc pipes schedule 40. Allowance has been made, in this contract, for 45 feet of piping network for the pump which is to be within 20 feet from the skimmer and within 10 feet from the sewer or waste outlet.
- 7. CHB laying of initial wall / protection from scouring/landslide.
- 8. Monolithic by "HAND PACKED" method of building the concrete pool walls at 6 inches average thickness (verify approved procedure),
- 9. Plastering of walls and roughing of coping walkways,
- 10. Waterproofing of pool interiors,
- 11. Furnishing and laying of 4" x 4" Ceramic Mariwasa tiles or equivalent along pool interiors,
- 12. Furnishing and laying of 300mm width granite stone trench cover,
- 13. Furnishing & laying of 300mm width granite pool coping (Finish: Flamed, color: Black),
- 14. Supply and Installations of pump, filter, skimmer, vacuum port and all related accessories for the Pool filtration systems,
- 15. Fabrication and installation of 38mm diameter stainless steel handrail;
- 16. Roughing ins, wiring including supply & installation of switches, outlets, lighting fixtures and all other necessary hardware and accessories,
- 17. Filling of pool with water,
- 18. Supply and application of necessary chemicals for the water treatment and conditioning,
- 19. Completion and turnover.

#### **B) SUPPLY OF FILTRATION EQUIPMENTS AND CLEANING ACCESSORIES:**

- One (1) unit Hayward Max-flo or equiv Pump, 2 Hp, 220V,60hz,
- One (1) unit Hayward or equiv D.E Filter 4820,
- One (1) unit Hayward or equiv Vari-flo (Multi-port) Valve,
- One (1) unit Hayward or equiv Vacuum Port,
- Four (4) units Hayward or equiv Return Fittings (verify on plan),
- Two (2) units Hayward or equiv 8-1/4" dia. Main drain frame & cover (verify on plan),
- One (1) unit -1-1/2" Check Valve,
- One (1) set Hayward CLEANING ACCESSORIES consisting of the following:

35 Feet x 1-1/2" dia. Vacuum hose,

- 14" Vacuum head, plastic with nylon wheels,
- Leaf scoop with aluminum reinforcement and quick-lock handle,
- Telescopic handle 8 to 16 feet adjustable length,

- Nylon brush 18" with plastic bristle, curved end and quick-lock handle,

2 -1 Water test kit with 2 solutions for pH & chlorine gauges

#### **TERMS OF PAYMENT**

1. A downpayment equivalent to fifteen percent (15%) of the total contract price.

2. Balance shall be paid in progress billing, less ten percent (10%) retention and deduction in downpayment.

# **DELIVERY PERIOD**

Bidders shall submit their proposal based on a duration of one hundred twenty days (<u>120</u>) <u>calendar days</u> which shall be reckoned <u>seven (7) days after execution</u> of the contract and receipt of the downpayment whichever comes later.

# **CHANGE/VARIATION ORDER**

Other works and any variance to the original bill of quantities shall be added to the total contract price and likewise, should there be deductions or omissions shall be deducted to the total contract price.

# **EXTENSION OF TIME**

Contractor shall be entitled to an equitable adjustment of completion time where the contractor is obstructed or delayed the prosecution or completion of the work by:

a. An act of God or force majeure.

b. Unsuitable weather condition and which tender the work impracticable or impossible or which slowdown the prosecution of the work.

- c. Peace and order conditions.
- d. Changes authorized under this contract.

e. Delay authorized by the owner pending arbitration of an unresolved dispute the owner and the contractor.

#### **Prepared by:**

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