

Annexure II					
Please fill your rates in columns 5 and 6					
S. No	Description	Unit	Qty	Unit Price	Total Cost
1	2	3	4	5	6
	FILTRATION EQUIPMENTS				
1	SUPPLY, INSTALL AND COMMISSION SAND FILTERS SIDE MOUNT WITH MPV-FILTER 1200 TOP 2 " OF FOLLOWING SPECIFICATIONS & MAKE				
	1200 mm Filters are FRP bobbin wound filters for swimming pool applications Max. Working Pressure - 3.5 Bar Factory Testing Pressure - 4.5 Bar Max. Operating Temp. - 50°C MOC-Filament wound with Isolthalic resin UV protection. FRP Liner Filter Colours-Brown Beige Base Colour -Black H version configuration Warranty-6 years for shell	Nos	2		
	Make: Astralpool/Pearl water tech /Watertech Systems				
2	MULTIPORT VALVE				
	Supply & fix 6 way side mount multiport valves of 1.5" dia connection with Body in ABS & fibre glass, handle in ABS, distributor with EPDM gaskets, metallic elements in Stainless Steel and watertight shaft system with low head loss. Maximum working Pressure 4 Bar.	Nos	2		
	Make: Aqvastar/Pentair /EMAUX				
3	Filter Media				
	Sand Media 0.5 to 1mm Gravel size 3-7 mm	Kg Kg	1200 800		
	MAKE: Emaux				
4	Re-Circulation 5HP(1W+1S)				
	Supply, install and commission three phase self priming pump with prefilter. Mono block design for silent operation. Single Piece, see-through Cam and Ramp™ lid for inspection of strainer basket and easy cleaning and maintenance, Large long life HDPE basket to hold debris, easy to clean, Heavy duty, thermally protected TEFC (TEFC : Totally Enclosed Fan Covered) 2 pole motorwith 2900 to 3000 RPM and flow rate of 500 to 800 LPM. Pipe size (Inlet x Outlet) : Standard size range from 50mm x 40mm to 100mm x 100mm.	Nos	2		
	MAKE: Emaux/Aqvastar/KSB/Crompton				

5	Submersible Pump (1 W + 1 S) Supply, install and commission Sump Submersible Pump, Horse power : 2.0 HP, 1.5 KW, Phase : 1 phase 220V, @ 15m water head. MAKE:-OCEAN POOL/ KIRLOSKAR BROTHERS	Nos	2		
	MAIN POOL BASIN FITTINGS				
6	Main Drain Supply and fix Circular Main Drain - Frame & Grill in SS304 Grade of appropriate diameter 0.45 kg to 1.6 kg weight.	Nos	6		
	Make: Aqvastar/Pentair /RIO/Ocean pool.				
7	Vacuum Point				
	Supply and fix Vacuum Point in ABS 63mm solvent connections, WHITE colour available and suitable for 10Kg PVC Pipes	Nos	3		
	Make: Aqvastar/Pentair /RIO/Ocean pool.				
8	Return Inlet				
	Supply & fix Adjustable floor inlet in ABS Standard design 2" threaded connections 9 m ³ /hr - 12 m ³ /hr	Nos	22		
	Make: Aqvastar/Pentair /RIO/Ocean pool.				
9	Supply and fix Overflow Grating 245mm manufactured in weather proof (UV Protected) Polypropylene for long life. Single spine to match the pool shape. Heavy duty with Non slip surface for safety. Available in white, blue & black colour to best suit the deck.	Mtr	88		
	Make: Aqvastar/Pentair /RIO/Ocean pool.				
	LIGHTING FOR MAIN POOL				
10	SS 304 Surface Mounted Light 252 LEDs warm white/ RGBW27 W/ 12V				
	Supply and fix multi-colour retrofit pool lights with remote suitable for Concrete, Fiberglass, and Vinyl liner pools, featuring cutting-edge colour touch technology and easily fitting onto existing pool lights with plug-and-play properties. Should be of IP68 water proof rating. <u>Lens Design</u> • Greater impact resistance than all types of Glass • Excellent resistance to most Swimming Pool chemicals • The finest optical grade more transparency than glass • More resistance to thermal shock than glass • UV stable properties <u>Body Material</u> - SS 304/SS 316 marine grade SS. - Can be heavy duty ABS plastic also.	Nos	22		
	Make: EMAUX.				

11	Deck Box				
	Supply and fix ABS deck box for connecting the cables between the U/W light and transformer. IP68 protection. (3/4" Threaded inlet & 1/2" gland connection x 2/4 nos)	Nos	22		
	Make: Aqvastar/Pentair /RIO/Ocean pool.				
12	Transformer/ SMPS/ Driver				
	Supply and install Transformer For Light 200w/12VAC OR 24VDC with PC Box IP -67	Nos	1		
	Make: MEAMWELL/OMRON				
	CHEMICAL EQUIPMENT				
13	UV SYSTEMS Supply, installation and commissioning of UV sterilizer with 90% transmission & UV dosing more than 20000 uw-sec/sqm including glass tube, UV lamp and all other accessories as per manufacturer's specification with cleaning arrangement, supports from wall, inlets, outlet connections, monitoring unit with bypass arrangement MAKE:- BLUE LAGOON TECH UV-C 130W	Nos	1		
14	Dosing Pump. Supply, installation and commissioning of Dosing Pump 6 Ltr/Hr for Chlorine MAKE: OCEAN POOL / EQUIVALENT / Magline Pool, E Dose	Nos	1		
15	Supply and installation of Dosing Pump Tank 100 Ltr/ Ganga, Sintex MAKE:-OCEAN POOL / SINTEX	Nos	1		
	CAST IRON/ SS MATERIAL				
16	Y-STRAINERS Supply & fix Cast Iron Y-strainers with flanged ends (Suitable for pipes as given below). Size 80mm dia to 150mm dia. MAKE : ASTRAL	Nos	2		
17	MS VENT PIPE Supply and fix MS vent pipes complete with 2 Nos. bends & painted with enamel paint all complete 80 mm dia	Nos	2		
18	Supply and fix Medium duty circular manhole cover with frame. Size - 500 mm dia and thickness not less than 50 mm.	Nos	2		
19	Supply and fix SS 304 Ladder 4 Steps MAKE:- OCEAN POOL/ EMAUX	Nos	4		
20	SUPPLY & FIX PIPES AND FITTINGS FOR SWIMMING POOL				
	160mm dia PVC Pipe				
	110mm dia PVC Pipe				
	63mm dia PVC Pipe				
	200 mm dia PVC Pipe				
	50mm dia PVC Pipe				

	PVC Ball Valve Single Union 50mm	Lot	1		
	PVC Ball Valve Single Union 63mm				
	PVC Ball Valve Single Union 110mm				
	PVC NRV 4"				
	PVC NRV 2" MAKE : HARIT / AQVASTAR				
	160mm Tee				
	160mm Elbow				
	110mm Tee				
	110x63mm Bush				
	160x110mm Bush				
	160mm End Cap				
	63mm End Cap				
	Other Fittings, Butter fly Valves/Ball Valves/NRV. MAKE : Supreme/ Finolex/ Astral				
21	SUPPLY & FIX PVC PUDDLE FLANGE				
	160mm dia PVC Pipe	Lot	1		
	110mm dia PVC Pipe				
	63mm dia PVC Pipe				
22	CONTROL PANEL				
	Supply, install and commission SMART digital real time based control panel for controlling pumps, lights with programmable high/low voltage cutoff and high/low current cutoff. Body shall be powder coated sheet metal cabinet for indoor installation, wall mounted. Panel shall have real time LCD/ 7-segment LED display of pump status, light status,voltage, current. Panel shall come with single phase prevention, phase reversal protection (in case of 3-phase??)	Nos	1		
	CLEANING & MAINTENANCE				
23	Vacuum Hose Supplying of 1.5" (38mm) Flexible floating Hose with end swivels - 30 Metre MAKE:-PENTAIR/ OCEAN POOL	Nos	1		
24	Wall Brush Supplying of 18 Wall-Economy,with handle clip in fastening-Light Blue MAKE:- PENTAIR/OCEAN POOL	Nos	1		
25	Algae Brush Supplying of 10" Algae brush - SS bristle, clip in MAKE:- PENTAIR/ OCEANPOOL	Nos	1		
26	Flat & Deep Net Supplying of Heavy duty Flat net with 5 Micron net, clip in fastening - Dark Blue. Will be 16" to 19" wide with deep pocket leaf net measuring 8" to 12". MAKE:- PENTAIR/ OCEAN POOL	Nos	1		

27	Telescopic Pole Supplying of 8'-16' Telescopic pole with Economy handgrip & clip in MAKE:- PENTAIR/ OCEAN POOL	Nos	1		
28	Vacuum Head Supplying of 450mm aluminium with plastic handle. MAKE:- PENTAIR/OCEAN POOL	Nos	1		
29	Pool Cleaning Pump Trolley Supplying of SS304 Vacuum Pump Trolley MAKE:- PENTAIR/OCEAN POOL	Nos	1		
30	Vacuum Pump Supply of Monoblock Vacuum Pump, Horse power : 2 HP, 1.5 KW, Phase : 1 Phase 220v, @ 12m water head. MAKE:- PENTAIR/OCEAN POOL / KIRLOSKAR BROTHERS	Nos	1		
	MISC ELECTRICAL FITTING				
31	SMPS Supply and fix LED Light SMPS for Pool 12V 30A (360W) Make : Microtek/Luminous/Omron/Delta/Siemens	Nos	3		
32	Electrical Fittings Supply and fix all electrical fittings as required like cable, pipe, bend etc MAKE:-Kalinga and Equivalents (ISI)	Lot	1		
	Test Kit				
33	Supplying of 3 way Test kit (PH/ Cl/ BR)	Nos	1		
34	Supplying of TDS METER	Nos	1		
35	Supplying of PH METER MAKE:- PENTAIR / OCEAN POOL	Nos	1		
36	POOL CHEMICALS				
	Supply of TCCA90 Granules	Kg	50		
	SWIMMING POOL GRANITE/TILES.				
37	Dismantling of Glass Mosaic Tiles and Deck Tiles	sqft	6700		
38	Supply & fix Swimming Pool Glass Mosaic Tiles Size - 50mm x 50mm x 5mm with Adhesive & Branded Epoxy Grouting Make - Super mosaic tiles Make - Adhesive Well Bond, LARSEN, Leticreate	sqft	4500		
39	Supply & fix Swimming Pool Deck Antiskid Tiles Size - 200mm x 600mm outdoor porcelain paver/ natural stone with R11 rating MAKE : Simpolo/RAK Ceramics/Equivalent	sqft	Appr ox 2000		

40	Swimming Pool Top Area Pool Topup side - Supply and Fix Granite Black Shade Thickness - 18 to 20mm		300 sqft		
MISCELLANEOUS CIVIL WORKS					
41	Filtration Plant Room - Size 7x3x3mtr Dismantling of existing structure and construction of new plant room complete with flooring, walls, roof, stand for pumps and filters including fixing of ceramic tiles.	Lot	1		
42	Outer Drain Construction of Swimming Pool outer drain with water proofing Plaster work	sqft	300		
43	Swimming Pool Water Proofing Providing and Laying Six Courses water proofing treatment with Dr Fixit product, Fiber Mesh, Fast Flex & Pidicrete Material with ten year Guarantee	sqft	6700		
44	Swimming Pool Plaster Work Material and labour for 15mm to 25mm Cement Plaster of Mix 1:4 (1 Cement 4 Course Sand)	sqft	6700		
45	Pool Bottom Area PCC Work Material and labour for Plain Cement Concrete (PCC) of ratio 1:4:6 (1 Cement:4 Coarse sand:6 Graded 20mm Stone Aggregate) with 100mm thickness	sqft	4800		
46	Pool Balancing Tank Material and labour for scraping entire existing wall and flooring surfaces, applying plaster 1:3 with WPC Dr Fixit/equivalent as per product instructions, fixing of ceramic tiles (300x300x5)on walls and floor surfaces, final cleaning and checking for leakage/seepage and change of balancing tank cover.	Lot	1		
47	Equipment installation/ testing/ commissioning/	Lump sum job	1		
48	Manning and operation for 10 Days including training to staff (Refer Para 4 of Annexure-I of Tender Document)	Days	10		
49	Total Quoted Amount	-	-	-	Rs
50	Less credit for equipment/machinery/material existing at site (Refer Para 12 of Annexure-I of Tender Document)	-	-	-	Rs
51	Final Bid Amount	-	-	-	Rs