SRI SUBRAMANYA CHARITABLE TRUST, AYIKUDY

Project 5 – 50 m × 25 m Open-Air Swimming Pool

Sri Durga Vani Accessible Sports Academy, Puliyur | CSR Proposal 2026–27

PROJECT ESTIMATE / BILL OF QUANTITIES

Original Project Estimate: ₹2,47,70,390.23

Detailed Estimate / BOQ

S.No.	Work Description	Unit	Quantity	Amount (₹)	Remarks
	Preliminaries & excavation				
1	Site setting out, benchmarks and temporary arrangements	LS	1.00	₹75,000.00	Provisional
2	Earthwork excavation including working space	m^3	3,621.89	₹1,086,566.40	Approx.; soil conditions to be verified
3	Loading, carting and disposal of surplus excavated soil	m^3	724.38	₹325,969.92	Assumed 20% surplus; disposal distance provisional
	PCC				
4	PCC M10 below pool floor, 125 mm thick	m^3	156.25	₹1,015,625.00	Rate includes materials, placing and curing; indicative
5	PCC M10 below perimeter wall zone, 125 mm thick	m^3	11.43	₹74,295.00	Assumed 600 mm wide perimeter strip outside pool floor
	RCC, steel & formwork				
6	RCC M30 pool floor slab, 225 mm thick	m^3	281.25	₹2,531,250.00	Concrete only; reinforcement and formwork separate
7	RCC M30 side walls, 150 mm thick	m^3	50.62	₹480,937.50	Concrete only; reinforcement and formwork separate
8	RCC M30 225 x 225 mm columns, net extra beyond wall overlap	m^3	1.82	₹17,313.75	Approx. 48 positions; structural design required
9	Reinforcement steel including cutting, bending and placing	MT	0.04	₹2,946.36	Provisional steel quantity based on assumed kg/m^3; structural design required
10	Centering, shuttering and staging for slab edges, walls and columns	m^2	805.95	₹765,652.50	Approximate contact area; detailed drawing required
	Plastering, waterproofing & tiling				
11	Internal cement plaster / render preparation to floor and walls	m^2	1,587.50	₹714,375.00	Swimming-pool compatible substrate preparation; confirm spec
12	Swimming pool waterproofing system including surface prep and testing	m^2	1,587.50	₹1,031,875.00	Indicative; product system and warranty to be specified
13	Swimming pool mosaic tiles supply incl. 5% wastage	m^2	1,666.88	₹1,500,187.50	Indicative material allowance; selected tile brand may change rate

S.No.	Work Description	Unit	Quantity	Amount (₹)	Remarks
14	Tile adhesive supply and application	m^2	1,587.50	₹476,250.00	Swimming-pool grade adhesive; indicative
15	Epoxy/chemical-resistant grout supply and application	m^2	1,587.50	₹555,625.00	Indicative
16	Tile laying labour	m^2	1,587.50	₹714,375.00	Indicative
	Pool fittings & coping				
17	Coping stone/granite to pool perimeter	rm	150.00	₹270,000.00	Material and laying allowance; final width/type to be selected
18	Main drains, floor inlets, vacuum points, ladders, overflow grating and fittings	LS	1.00	₹650,000.00	Provisional allowance; detailed hydraulic layout required
	MEP, filtration & commissioning				
19	Filtration plant: filters, media, pumps, valves and control panel	LS	1.00	₹3,600,000.00	Provisional allowance informed by supplied quotation; revised sizing required
20	Pool piping, valves and installation	LS	1.00	₹650,000.00	Provisional allowance; pipe sizes/routes to be designed
21	Electrical works, underwater lights, cabling, earthing and panel connections	LS	1.00	₹450,000.00	Provisional allowance; electrical design and safety checks required
22	Installation, testing, commissioning and initial chemical charge	LS	1.00	₹300,000.00	Provisional allowance
23	Water filling/testing and commissioning water	LS	1.00	₹100,000.00	Provisional allowance; supply source to be confirmed
	Pump room, deck & drainage				
24	External deck/drainage immediately around pool (basic allowance)	LS	1.00	₹800,000.00	Allowance only; excludes full landscaped pathway
25	Pump room civil construction	LS	1.00	₹800,000.00	Allowance only; size/layout not supplied
	Gents & Ladies Toilet Blocks				
26	Construction of separate Gents and Ladies toilet blocks including foundations, walls, roof, doors and basic finishes	LS	2.00	₹600,000.00	2 separate blocks; each includes 2 normal 6 ft × 4 ft WC+shower cubicles and 1 accessible 8 ft × 8 ft WC
27	Normal Western WC + shower fittings, supply and installation	Set	4.00	₹140,000.00	4 sets total: 2 in Gents + 2 in Ladies; each cubicle 6 ft × 4 ft
28	Accessible Western WC fittings with grab bars, supply and installation	Set	2.00	₹90,000.00	2 sets total: one 8 ft × 8 ft accessible toilet in each block
29	Separate wash basin with tap, trap and accessories	Set	2.00	₹24,000.00	One separate basin in Gents block and one in Ladies block
30	Toilet plumbing, floor traps, drainage, water supply, basic electrical/lighting and connection allowance	LS	1.00	₹150,000.00	Provisional allowance; final sewer/septic connection route to be confirmed
	GST provision @ 18%			₹3,778,534.10	
	GRAND TOTAL (including GST provision)			₹24,770,390.23	

The stated project total includes a provisional GST provision. The source BOQ presents item amounts (not separate rate and amount columns).

Source: SSCT Integrated Sports Infrastructure CSR Proposal 2026–27. Original quantities, rates, item amounts and stated project totals are reproduced without adjustment.