

Name of work :- Construction of Swimming pool with ancillaries at DPA Gopalpuri Township, Gandhidham

Annexure-I

Sr No.	Description of item	Quantity	Rate		Unit		Amount
			In Figure	In words	In Figure	In words	
	Design, construction, testing, commissioning, operation, and maintenance of a rectangular main swimming pool of size 35.00 m × 20.00 m with varying depth from 1.50 m to 3.65 m (5 ft to 12 ft) and a semicircular baby pool of 5.0 m radius × 1.0 m depth, along with modern ancillary facilities including changing rooms, office building, canteen, waiting area, filtration plant facilities, landscaping, vertical garden wall, boundary wall, glass fibre wall, party plot, parking area, and associated infrastructure under EPC mode for Gopalpuri Port Colony, Gandhidham.						
	The swimming pool facility shall incorporate modern technologies emphasizing automation, eco-friendly operation, energy efficiency, user convenience, and safety. The system shall include advanced water filtration and treatment technologies, automated maintenance systems, intelligent water quality monitoring, AI and sensor-based safety systems, smart lighting systems with						

	colour-changing LED/fibre optic lighting controllable through mobile applications, and integration with modern hospitality and smart management systems.						
	<p>DESIGN :-</p> <p>The scope includes complete architectural, structural, plumbing, electrical, mechanical, and landscaping design of the swimming pool complex as per the latest applicable standards, codes, and engineering practices.</p> <p>The design shall include but not be limited to:</p> <ul style="list-style-type: none"> • Main swimming pool and baby pool. • RCC raft slab, RCC walls, and waterproofing systems. • Geo Textile & Blue Membrane lining system for swimming pool structure. • Changing rooms, toilets, shower areas, lockers, filtration room, office room, canteen, waiting lounge, and utility areas. • Landscaping and vertical garden wall. • Boundary wall, glass fibre decorative wall, pathways, party plot, and parking area. • Electrical illumination, underwater lighting, decorative lighting, and power distribution systems. • Water circulation, filtration, disinfection, and drainage systems. • Fire safety and emergency systems. 						

	<ul style="list-style-type: none"> • Accessibility provisions for children, senior citizens, and differently-abled persons. <p>The complete design and drawings shall be prepared by the contractor and submitted for approval of the Engineer-in-Charge prior to execution also prepare Operation and maintenance Manual & Methodology.</p>						
	<p>CONSTRUCTION: -</p> <ul style="list-style-type: none"> • The contractor shall carry out all civil, structural, mechanical, electrical, plumbing, fabrication, interior, horticulture, and allied works required for complete execution of the project based on approved drawings and specifications. • The work shall include procurement, supply, installation, testing, and commissioning of all required materials and equipment. • The scope broadly includes: • Earthwork excavation and filling. • RCC works for pools and buildings. • Waterproofing and membrane lining systems. • Anti-skid flooring around pool deck areas. • Stainless steel ladders, handrails, and safety accessories. • Mechanical filtration and water treatment systems. 						

	<ul style="list-style-type: none"> • Pumps, pipelines, valves, and circulation systems. • Electrical systems, lighting, cabling, panels, and automation systems. • DG backup provisions and energy-efficient systems. • Landscaping, irrigation systems, and vertical garden installation. • Construction of new boundary wall and renovation of existing boundary wall through painting or vertical gardening. • Construction of parking area and internal roads/pathways. • 12mm thick Glass fibre decorative wall hight 6ft and aesthetic development works. • Furniture for office, canteen, and waiting areas. • Music system for swimming pool and party plot areas. • Water cooler, refrigerator, TV/LED display units, and public announcement system. • Additional shower points outside changing rooms. • Underground and overhead water tanks. • Borewell of suitable depth with required pumping arrangement. • Signages, pool rules display boards, safety markings, and directional boards. 					
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	<ul style="list-style-type: none"> All materials used shall be of approved make and high quality, duly approved by the Engineer-in-Charge as per the approved make list. <p>Material to be used shall be of high standard & got approved from Engineer in charge as mention in approved make list.</p>						
	<p>COMMISSIONING :- To commission the Swimming pool system after carrying out all the necessary trials. To rectify defects / faults if any that may come to notice during the guarantee period. All defects / faults shall be attended within a period of three days.</p>						
	<p>OPERATION & MAINTENANCE</p> <ul style="list-style-type: none"> The contractor shall operate and maintain the swimming pool and all associated infrastructure for a period of three (3) years after successful commissioning. Operation and maintenance services shall be provided on all weekdays, weekends, and holidays (24 x7) The maintenance scope includes but is not limited to: Routine operation and monitoring of all pool systems. 						

	<ul style="list-style-type: none"> • Cleaning and maintenance of swimming pools, deck areas, filtration systems, changing rooms, toilets, and common areas. • Maintaining proper water chemistry and water quality standards. • Regular testing of pool water parameters and addition of required chemicals. • Vacuum cleaning of pools at regular intervals as per standard norms. • Preventive and breakdown maintenance of all electrical and mechanical equipment. • Upkeep of landscaping and vertical garden areas. • Housekeeping and sanitation of the entire premises. • Ensuring safe and hygienic conditions for users at all times. • The contractor shall maintain discipline at site and take all necessary precautions to prevent unlawful, disorderly, or unsafe conduct by its personnel. • All contractor employees shall wear clean uniforms and appropriate personal protective equipment (PPE) while on duty. 						
	<p>MANPOWER REQUIREMENT</p> <ul style="list-style-type: none"> • The contractor shall deploy adequate qualified and experienced manpower including but not limited to: 						

	<ul style="list-style-type: none"> • Minimum two (2) swimming trainers/lifeguards. • Minimum two (2) security guards on round-the-clock duty (Three shift) • Minimum two (2) sanitation/health workers. • Pool operator and filtration plant operator. • Manager/supervisor. • Clerk/office assistant. • Office boy/helper. • Any additional staff required for efficient operation and maintenance of the facility. 						
	<p>APPROVALS & COMPLIANCES</p> <ul style="list-style-type: none"> • The contractor shall comply with all applicable statutory requirements, safety regulations, labour laws, and local authority approvals related to the project. • All works shall conform to relevant IS codes, NBC guidelines, electrical safety standards, and swimming pool safety standards applicable in India. • Minimum 10-year waterproofing warranty. • 						
	<p>Safety Requirements</p> <ul style="list-style-type: none"> • Add mandatory: • Lifeguard chairs. • Rescue tubes and hooks. • First aid room. 	Job work				Job work	

	<ul style="list-style-type: none"> • CCTV surveillance system. • Anti-skid tiles. • Depth indicators. • Emergency shut-off system. 						
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Rupees in Words _____

Note ; The Above Rate are Excluding GST which will be paid on submission of required GST invoice.

Payment Terms and condition

- A 20 % on completion of civil Construction work up to plinth level
- B 20 % on completion of civil Construction work
- C 20 % against Mechanical and Electrical Component Fixed at site and accepted the materials
- D 20 % on completion of Electrical work and Landscaping work
- E 05 % on completion of 100% works
- F 15% will be divided in 3 years as operation and maintenance of the Swimming pool.

(4% For 1st year Maintenance, 5% For 2nd year Maintenance, 6% For 3rd year Maintenance which can be paid through quarterly R.A. Bill)

CONTRACTOR

Executive Engineer (T.D)
Deendayal Port Authority