

Name of Work :- Proposed Construction Work of Swimming Pool Timki Hasanapur . Tahsil & Dist- Nagpur, Maharashtra.				
Gymnastic & Physiotherapy Equipment				
Sr No	NSSR No.	Description	Quantity	Unit
1	NSSR NO.01	Technical Specifications The kickboard should be made of high-density Ethylene-Vinyl Acetate (EVA) foam, which is PVC-free and environmentally safe. The construction should be lightweight, non-water-absorbing, and fracture-resistant, ensuring long-term durability and consistent performance. The design should be ergonomic and contoured, providing a comfortable grip and promoting correct body alignment during training. The board should include built-in or molded hand grips for proper hand placement and better control in the water. The kickboard should support versatile training applications, including standard kicking, one-arm drills, and side kicking across all four competitive strokes. The board should include a stabilizing strap that allows control without gripping and positions the hands and arms in a proper streamlined posture.	40	Nos
2	NSSR NO.02	Technical Specifications The pull buoy should be made of high-quality EVA foam, preferably multi-layered to enhance flotation and durability. The buoyancy should be of high density, providing maximum lift to the hips and legs while isolating the upper body for focused arm training. The shape should be figure-eight or contoured, ensuring a secure and comfortable fit between the legs during swimming. The material should be lightweight, soft, and non-absorbent, maintaining buoyancy and comfort even after prolonged water exposure.	40	Nos
3	NSSR NO.03	Technical Specifications Primary Function and Placement The device must function as a waterproof, personal pacing metronome. It should be designed to be placed securely under a swim cap or clipped to goggle straps. The device must transmit an audible tempo beep, perceptible to the user both in and out of the water, without the need for earpieces. Operational Modes and Adjustability The device should feature at least three distinct operational modes: a. A mode for setting a stroke rate or tempo in strokes/strides per minute. b. A mode for setting a target pace per lap (e.g., seconds per 25 meters). c. A mode for setting a target pace per interval (e.g., minutes and seconds). The tempo (strokes/strides per minute) should be adjustable with a precision of hundredths of a second (0.01s). The device should allow for easy adjustment of tempo, up or down, while in use. Physical Characteristics The device must be fully waterproof and suitable for use in chlorinated and saltwater environments. It should feature a sync button to allow for synchronization with a stopwatch or clock. The device should have a high-contrast display for clear visibility. It must be buoyant, allowing it to float if dropped in water. Power and Battery The device should be powered by a replaceable battery (e.g., CR1620 or similar). It should incorporate a power-saving or automatic shutoff feature to conserve battery life.	10	Nos
4	NSSR NO.04	Technical Specifications Construction and Materials The parachute canopy should be constructed from a durable, chlorine-resistant material such as coated nylon. The parachute should be available in at least two sizes: a standard size of approximately 20 cm (8 inches) in diameter and a larger size of approximately 30 cm (12 inches) in diameter to provide varied resistance levels. The tow cord and waistband should be made from durable, non-stretch nylon webbing. Design and Function The parachute should be designed to provide variable levels of drag resistance during swimming. It must be compatible for use with all four competitive swim strokes. The design should not interfere with the swimmer's kicking motion or natural body rotation. The waistband must be adjustable to fit a wide range of waist sizes and should feature a secure, quick-release buckle.	10	Nos
5	NSSR NO.05	Technical Specifications Design and Function The device must be designed as a head-alignment and posture training tool for swimmers. It should be worn on the back of the head, secured by the goggle straps. The primary function should be to provide immediate tactile feedback to the swimmer when their head position deviates beyond an ideal range. The device should be usable for all four competitive swim strokes, as well as starts and turns. Construction and Materials The device should be constructed from a lightweight, buoyant, and durable closed-cell foam or similar material. The material must be resistant to chlorine and UV degradation. The design should be hydrodynamic and comfortable to wear for extended periods without chafing.	10	Nos

Sr No	NSSR No.	Description	Quantity	Unit
6	NSSR NO.06	Technical Specifications The pool noodle should be made of flexible, buoyant, closed-cell polyethylene (PE) or EVA foam, which is non-toxic, non-absorbent, and resistant to chlorine and UV exposure. Length - 5ft Diameter - 45mm The design should be available in two density types—a hollow core for flexibility and a solid core for maximum buoyancy and resistance during aquatic exercises. The pool noodle should function as a versatile flotation aid suitable for swim training, water aerobics, rehabilitation, and recreational use. The material should be lightweight, durable, and easy to clean, ensuring long service life in both indoor and outdoor pool environments.	20	Nos
7	NSSR NO.07	Technical Specifications The life jacket should be made of high-quality, closed-cell foam material that provides reliable buoyancy and long-lasting performance. The outer shell should be made of durable, water-resistant fabric and designed in multi-color options for easy visibility in open water. The jacket should feature adjustable straps and buckle closures, ensuring a secure and comfortable fit for different body sizes. The life jacket should have an adjustable fit type suitable for users weighing between 40 kg and 120 kg. The design should be lightweight, reflective, and easy to wear, providing both safety and comfort during aquatic activities. The equipment should not require any batteries and should be maintenance-free, suitable for both recreational and professional use. The jacket should comply with personal flotation device standards and be recommended for individuals aged six years and above. The product should be manufactured in India and have approximate dimensions of 60 × 45 × 8 cm, with a total weight of about 650 grams.	20	Nos
8	NSSR NO.08	Technical Specifications The goal should be a free-floating model designed for competition and training, suitable for U20, U18, and U16 categories. It should be constructed from strong aluminum profiles with a powder-painted white finish. The frame should include floating white supports to provide stability in the water. The system should include a blue net as part of the unit. The goal dimensions should be approximately 3000 mm in length, 900 mm in height, and 1586 mm in depth. The anchor-to-anchor width should be 3600 mm. The frame profiles should measure 80 x 40 mm. The available color scheme should include a white frame and blue net. The goal should weigh approximately 60 kg per unit. It should be sold per unit as a complete system. The goal should be foldable for ease of storage and transport. It should provide adjustability to accommodate different water level positions. The system should be equipped with castors (wheels) for easy transport and handling. The goal should be shipped unassembled to optimize transport efficiency and reduce shipping costs.	1	Pair

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9	NSSR NO.09	Technical Specifications Resistance Unit and Cord The system must provide a continuous and smooth bi-directional resistance for a distance of at least 25 meters. The resistance level should be manually adjustable by the user or coach from near-zero resistance to a level high enough to create immobility (a dead stop) for an elite swimmer. The adjustment mechanism should be a simple dial or cap that can be manipulated quickly without tools. The central resistance unit (shuttle) should be compact and lightweight, weighing less than 2 kg (4.5 lbs) for portability. The main cord or line should be constructed from a durable, low-stretch, braided material suitable for a chlorinated pool environment. System and Components The system should be designed for in-water use, anchoring to standard pool lane line hardware at both ends of the lane. All system components should be corrosion-resistant and designed for long-term use in a pool environment. The system should be self-contained within the swimming lane and not require any external hardware, weights, or structures outside of the pool. The design should provide instant tactile feedback for stroke correction, where deviations in technique cause the swimmer to contact the main line. Athlete Interface The system must include a comfortable, adjustable waist belt for the swimmer. A durable leash should connect the swimmer's belt to the resistance unit's shuttle. The connection system should be secure but easy to clip on and off. Functionality The system must allow for both resisted swimming (pulling the unit) and assisted swimming (being pulled by the unit's return). It must be suitable for training all four competitive swimming strokes. The design should maintain proper body alignment and hip position for the swimmer, without pulling them up, down, or sideways in the water.	4	Set
10	NSSR NO.10	Technical Specifications Material and Construction The float should be constructed from a high-density, closed-cell foam, such as EVA (Ethylene-vinyl acetate) or an equivalent composite material. The material must be highly resistant to chlorine degradation and color fading from UV exposure. It should feature integrated, ergonomic hand grips or contoured sides for a secure and comfortable hold. The material must be non-absorbent and should not take on water over time. Design and Dimensions The design should be hydrodynamic to allow for smooth movement through the water with minimal resistance. It should feature integrated, ergonomic hand grips or contoured sides for a secure and comfortable hold. The surface should have a non-slip texture to ensure a firm grip even when wet. Standard adult dimensions should be approximately 40-50 cm in length, 25-30 cm in width, and 3-4 cm in thickness. Performance Characteristics The float must provide sufficient buoyancy to support the weight of an average adult's upper body, allowing for full isolation of the legs during kick drills. The device should be lightweight for easy handling in and out of the water. The material should be soft enough to prevent chafing but rigid enough to maintain its shape under load.	40	Nos
11	NSSR NO.11	Technical Specifications Frame and Construction The main frame should be constructed from commercial-strength, epoxy-coated tubular steel for durability and corrosion resistance. The monorail should be made from anodized aluminum to ensure a smooth, rust-free operational surface. The total assembled weight of the unit should be approximately 38 kg (83 lbs) or less. The user weight capacity of the ergometer should be at least 181 kg (400 lbs). Dimensions and Space Requirements The assembled dimensions of the unit should be approximately 244 cm (L) x 61 cm (W) x 81 cm (H). The recommended operational area for full range of motion exercises should be at least 305 cm (L) x 122 cm (W). The unit should be equipped with caster wheels on the front leg for easy movement and storage. Resistance System The primary resistance mechanism should be an air-flow flywheel system. Resistance should be adjustable via a damper with at least 7 distinct settings. The drive system should utilize a high-tensile strength strap and pulley system for smooth and quiet operation. Performance Monitor and Data The ergometer should be equipped with a digital performance monitor. The monitor should display key performance metrics, including: Time, Distance (Meters), Pace (per 100m), Stroke Rate, Watts (Power), and Force (lbs or kg). The monitor should have wireless connectivity capabilities, including ANT+ and Bluetooth, to allow pairing with heart rate monitors and for exporting data to third-party apps and software. The monitor should allow for the programming of custom workouts and intervals. Included Accessories and Features The system should come with a set of interchangeable swim-specific paddles. A pair of multi-purpose exercise handles and ankle straps should be included. A padded, contoured rolling seat should be included as standard. All necessary assembly hardware and tools should be provided.	2	Nos

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12	NSSR NO.12	Technical Specifications The trainer must utilize a durable, surgical-grade rubber tubing as the primary resistance element. The resistance cord must be available in at least two distinct resistance levels, identifiable by color (e.g., Yellow for light resistance, Red for heavy resistance). The cord thickness should correspond to the resistance level (e.g., 7mm for light, 9mm for heavy). Components and Construction The system must include two rotating handles to allow for natural hand and wrist rotation, simulating the swim stroke. The handles should be ergonomically designed for a comfortable and secure grip. The trainer must include a versatile mounting loop or strap that allows the cord to be securely anchored to a fixed point, such as a door or fence post. All components should be durable and built to withstand repeated, high-intensity use. Functionality The device must be designed to simulate the arm and shoulder movements of all four competitive swimming strokes. It should be suitable for a variety of dryland exercises targeting strength, power, and endurance for the upper body and core. The system should be lightweight and portable, allowing for easy transport and use in various training environments.	4	Nos
13	NSSR NO.13	Technical Specifications Timing and Memory Functions The device must be capable of capturing and storing at least 300 individual split times. It should allow for the review of stored memory both during and after a timing event. The stopwatch must be able to measure up to 9 hours, 59 minutes, 59 seconds, and 99 hundredths of a second (9:59:59.99). The device must display both the current running split time and the cumulative split time simultaneously. It must have the functionality to display the fastest, slowest, and average split times from a stored sequence. Display The stopwatch should feature a multi-line LCD display, capable of showing at least three rows of data at once. The display should be clear and easy to read in various lighting conditions. Physical Characteristics The device must be water-resistant, suitable for use in wet environments like a pool deck. The housing should be ergonomically designed for comfortable hand-held operation. The buttons should be tactile and responsive. Power The device should be powered by a long-life, user-replaceable battery. It should indicate the battery type required for replacement (e.g., Lithium CR2032).	10	Nos
14	NSSR NO.14	Technical Specifications Central Timing and Control System The system should include one (1) Central Timing Console for processing and managing all timing data. The console's internal time base should be a temperature-compensated quartz oscillator or a more accurate equivalent. The console should include an integrated starting system for signal generation. The system should come with compatible 32-bit or higher PC software for system management. A durable, protective case should be provided for the Central Timing Console. The system should include one (1) Results Printer that is controlled directly by the Central Timing Console. Lane Components The system should include at least five (5) Lane Interface Boxes, one for each lane. Each Lane Interface Box should have inputs for at least one (1) touchpad, three (3) backup buttons, and one (1) relay sensor. The system should include five (5) Backup Manual Buttons for timing. Each Backup Manual Button should have a cable length of at least 2 meters. Start System The system should include one (1) Start Signal Unit. The Start Signal Unit should have an integrated speech amplifier and a microphone. The system should include a total of at least four (4) speakers, comprising a minimum of two (2) active speakers with rechargeable batteries and two (2) passive speakers with stainless steel or equivalent corrosion-resistant cases. Finish and Turn Detection System The system should include ten (10) FINA-compliant touchpads, suitable for placement at both ends of each lane. Each touchpad should have dimensions of approximately 2.15 m (length) x 0.9 m (height) x 10 mm (thickness). The touchpad surface should be a high-grip, non-slip material. The touchpad construction should feature a design that reduces or mitigates interference from water currents. The system should include one (1) Touchpad Transport Cart made of stainless steel or an equivalent corrosion-resistant material. The transport cart should be capable of holding at least 10 touchpads. A primary deck cable or equivalent solution of at least 60 meters should be included to span the length of the pool deck. A cable reel with at least 100 meters of cable should be provided to connect the Start Signal Unit to the Central Timing Console. The system should include all necessary speaker cabling on reels, with lengths of at least 50 meters to allow for flexible placement along the pool.	1	Set

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15	NSSR NO.15	Technical Specifications Smart Coach Module (Hardware) The system must feature a modular design where the electronic "Smart Coach" unit is removable and transferable between compatible goggle frames. The module must be fully waterproof and designed for long-term use in a chlorinated pool environment. The battery should provide a minimum of 4-6 hours of active use on a full charge. Charging should be accomplished via a dedicated magnetic USB cable to ensure a secure, water-resistant connection. The module must contain sensors capable of automatically detecting and tracking the following metrics in real-time: laps, splits, rest time, stroke count, stroke rate, stroke type, and calories burned. In-Goggle Display The device must feature an in-goggle digital display that projects data into the user's peripheral vision without obstructing their direct line of sight. The display should show a running clock and a selection of real-time metrics (e.g., lap count, splits, stroke rate). The data shown on the in-goggle display must be customizable by the user via the companion mobile application. Goggle Frame and Design The goggle frame must be a low-profile design to minimize drag. The lenses must have a chemical-resistant anti-fog coating and provide UV protection. The kit must include multiple interchangeable nose bridges (at least six) to ensure a customized and leak-proof fit for various facial structures. The head strap should be a dual silicone strap to evenly distribute pressure and provide a secure fit. Companion Application (Software) The system must include a dedicated mobile application (e.g., Ciye™ app) available for both iOS and Android devices. The application must connect to the Smart Coach module via Bluetooth for wireless data synchronization after a workout. The application must provide in-depth post-workout analysis, including detailed splits, stroke data, and a 3D visualization of the swimmer's head position throughout the swim. The software must allow for data to be shared and synced with popular third-party fitness platforms (e.g., Strava, Apple Health, Swim.com).	5	Set
17	NSSR NO.17	Technical Specifications Compliance and Compatibility The wedge should be compliant with the latest FINA regulations, making it suitable for both training and competition. It should feature a universal design, ensuring compatibility with all standard starting block types, including single-post, two-post, four-post, and large-base blocks. Materials and Construction The main body of the wedge should be constructed from a durable, non-slip material like Thermoplastic Rubber (TPR) or an equivalent to ensure a secure foot grip. The material should be resistant to chlorine and UV degradation. Adjustability and Features The wedge must offer at least five distinct height settings to allow swimmers to customize the position for an optimal start. The adjustment mechanism should be manual and easy for a swimmer or coach to operate. The device should be designed to be easily attachable to and detachable from the starting block.	10	Nos
18	NSSR NO.18	Technical Specifications The lane line should consist of independent rotating disks and donuts made from UV-stabilized, high-density thermoplastic or HDPE material, designed to absorb and dissipate wave energy effectively. The central cable should be made of SS grade stainless steel or high-tensile polymer, providing excellent strength and corrosion resistance in chlorinated water. The lane line diameter should comply with FINA standards, where competition lanes are typically 150 mm and training lanes are 100 mm to 110 mm. The tensioning mechanism should include an integrated advanced ratchet or specialized lock-nut system, capable of applying tension forces up to 5 kN to ensure lane stability. The storage reel should be made of an SS 304-grade stainless steel frame with a non-corrosive drum and manual crank, enabling easy winding, unwinding, and transportation of lane lines.	6	Nos

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19	NSSR NO.19	Technical Specifications Capacity and Dimensions The storage reel should be capable of holding two 25-meter or one 50-meter lane lines. The center spindle diameter should be at least 15 cm (6 inches). The overall dimensions of the unit should be approximately 228 cm (90 inches) in length, 122 cm (48 inches) in width, and 183 cm (72 inches) in height. The total weight of the empty reel should be approximately 50 kg or less. Materials and Construction The main frame and body of the reel should be constructed from durable, powder-coated aluminum or an equivalent high-strength, corrosion-resistant material. All fasteners, hardware, and axles should be made from marine-grade stainless steel or an equivalent material resistant to a chlorinated environment. The construction should be suitable for both indoor and outdoor pool environments. Mobility and Features The unit should be mounted on at least four heavy-duty caster wheels. Each wheel should be able to lock and rotate independently for maximum maneuverability and secure placement. The design should facilitate the smooth, easy, and tangle-free winding and unwinding of lane lines.	3	Nos
20	NSSR NO.20	Technical Specifications Depth markers should include essential safety features required by law to indicate water depth and help prevent accidents, particularly diving injuries. The markers should be placed at minimum, maximum, and slope-change points, typically spaced no more than 25 feet apart around the pool perimeter. The markers should be visible on both the vertical pool wall (readable from the water) and the deck (readable from the edge). The numbers on the markers should be at least 4 inches high, in a color that contrasts sharply with the background, and should include units such as FT or M. The materials used for the markers should be durable and chemical-resistant, such as ceramic or porcelain tiles for walls and decks, or slip-resistant vinyl/plastic for deck overlays. Areas considered shallow, usually under 5 feet, should be clearly marked with the depth and a "NO DIVING" symbol.	15	Nos
21	NSSR NO.21	Technical Specifications The pool cover should be a motorized, slatted-type system designed to provide safety, insulation, and water conservation for swimming pools. The slats should be made of UV-stabilized PVC or solar polycarbonate material, offering durability and resistance to sunlight and chemicals. The slats should have an anti-algae profile to minimize biological growth and maintain water hygiene. The cover should provide excellent thermal insulation, with a low U-value to reduce heat loss and water evaporation effectively. The system should be compliant with load-bearing safety standards and include a lockable control mechanism to prevent unauthorized operation. Cover Bubble Isothermal - Upto 500microns Size of the cover to be 13.5 mtr x 25.5 mtr It should be installed using 2 rollers for easy covering	1	Nos
22	NSSR NO.22	Technical Specifications The flags should be made of durable, weather-resistant materials such as nylon or polyester to withstand outdoor and indoor pool conditions. The length of each flag should be approximately 12 to 15 inches (30–38 cm), with brightly colored panels for clear visibility. The flags should be attached to a strong, corrosion-resistant cable or rope that spans across the pool width, 25 meters. The mounting system should allow for secure attachment to pool walls, posts, or poles and should enable easy tension adjustment of the cable. The flags should be lightweight and flexible to minimize interference with swimmers or pool equipment. The colors of the flags should be easily distinguishable from the water and surrounding environment to ensure maximum visibility.	2	Set
23	NSSR NO.23	Technical Specifications Should be made of Corrossion Resistant SS304 Should be easy to mount Should be clearly Visible	4	Nos

Sr No	NSSR No.	Description	Quantity	Unit
24	NSSR NO.24	Technical Specifications Set Composition and Numbering A single set should consist of Fourteen (14) water polo caps for each team. The set should be numbered from 1 to 14 to outfit a standard team. The set must include two (2) goalkeeper caps, which should be red in color. The field player caps should be a uniform color, such as navy or white. Materials and Construction The cap material should be a form-fitting and durable fabric, such as nylon. The cap closure system should consist of adjustable nylon strings. The ear guards should be of sturdy construction, designed to withstand high levels of gameplay. Design and Fit The caps should be designed to fit a wide range of head sizes ("one size fits most"). The design must include integrated ear guards for player protection during gameplay.	1	Set
25	NSSR NO.25	Technical Specifications General and Compliance The ball should be a size 5, intended for men's water polo. The ball must be approved for the highest levels of competition, including NCAA, NFHS, and FINA. The ball should be designed for use in elite international, collegiate, and high school competition. Construction and Materials The ball's exterior should be constructed from a proprietary rubber compound. The surface of the ball must be hand-buffed to provide maximum grip. The internal bladder should be a nylon-wound butyl bladder to ensure superior air and water retention. Performance Characteristics The ball's surface and material should be engineered to provide excellent grip and control in wet conditions. The overall construction should ensure long-lasting durability and consistent performance.	5	Nos
26	NSSR NO.26	Technical Specifications 10 Swim Fins (Flippers) Enhance kicking power and improve ankle flexibility; also help increase speed during training. 10 Hand Paddles Used to increase water resistance and build upper body strength by making the swimmer's hands larger. 10 Swim Snorkel Allows swimmers to breathe continuously without turning the head, helping focus on stroke technique and body alignment. 10 Resistance Bands / Stretch Cords Used for dryland training and resistance exercises in water to build strength. 10 Water Weights / Aquatic Dumbbells For strength training exercises in the water, often used for rehabilitation or conditioning. 10 Nose Clips and Ear Plugs To prevent water from entering the nose and ears, making training more comfortable. 10 Swim Caps Reduce drag and protect hair from chlorine. 10 Goggles Protect eyes from chlorine and improve underwater visibility.	1	Set
27	NSSR NO.27	Technical Specifications The frame should be made of heavy-duty, non-corrosive ABS plastic or aluminum alloy, ensuring strength, rigidity, and long service life in chlorinated water. The net should be constructed from durable, chemical-resistant fine-mesh nylon or polyester material to effectively capture debris while allowing smooth water flow. The skimmer should be compatible with standard 1¼-inch (32 mm) telescopic pool poles, allowing quick and secure attachment. The design should be available in two configurations—a deep-bag type for collecting large debris volumes and a flat-type for efficient surface skimming. The equipment should be lightweight, easy to maneuver, and resistant to UV degradation and pool chemicals for long-term use.	5	Nos

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28	NSSR NO.28	Technical Specifications Wall Brush Used to scrub the pool walls and waterline to remove algae, dirt, and buildup. Typically has stiff or medium bristles depending on the pool surface (concrete, vinyl, or fiberglass). Tile Brush Designed specifically for cleaning tiles around the pool edge or waterline. Usually has nylon bristles that are tough enough to clean grout and tile without scratching. Leaf Rake or Net Skimmer Though not a brush, essential for removing leaves and debris floating on the water surface before brushing. Telescopic Brush Handle An extendable handle to attach various brushes for easy reach of deep or large pools. Pool Floor Brush / Broom Wider brushes designed to sweep and scrub the pool floor effectively. Can have softer bristles for delicate surfaces or stiffer ones for rougher surfaces. Algae Brush Specifically designed with very stiff bristles to remove stubborn algae from pool surfaces.	5	Nos
29	NSSR NO.29	Technical Specifications Spiral wound EVA vacuum hose 1.5"x100' (38mm x 30m) - Individual Box	2	Set
30	NSSR NO.30	Technical Specifications The pole should be telescopic, allowing adjustable lengths to reach different pool depths or heights. It should be compatible with interchangeable attachments, such as nets, brushes, or other cleaning tools. The material should be lightweight yet durable, typically made of anodized aluminum or reinforced fiberglass. The locking mechanism should securely hold the pole at the desired length and allow easy adjustment. The pole should be corrosion-resistant and suitable for use in chlorinated or saltwater pools. The design should allow easy attachment and detachment of accessories without tools. The pole should provide a comfortable grip for extended use during pool maintenance.	5	Set
31	NSSR NO.31	Technical Specifications The photometer should be a digital, microprocessor-based instrument designed for precise water quality analysis in swimming pools and related facilities. The device should be capable of measuring at least Free Chlorine, Total Chlorine, pH, Alkalinity parameters accurately. The instrument should offer a high resolution, such as 0.01 mg/L for chlorine and 0.01 pH units for pH measurement, ensuring fine detection of chemical levels. The measurement accuracy should be within ± 0.1 ppm, providing reliable and repeatable test results. The operation should use pre-measured reagents or tablet-based testing methods to ensure consistent and error-free analysis. The photometer should have a digital display showing parameter readings clearly and should be portable, battery-operated, or rechargeable for field and laboratory use.	2	Set
32	NSSR NO.32	Technical Specifications The thermometer should be solar-powered. It should be a floating type It should provide temperature readings in both Celsius ($^{\circ}\text{C}$) and Fahrenheit ($^{\circ}\text{F}$).	2	Set
33	NSSR NO.33	Technical Specifications The dispenser should be designed to float on the water surface and distribute chlorine evenly throughout the pool. It should be made of durable, UV-resistant, and corrosion-resistant plastic suitable for prolonged exposure to pool chemicals. The dispenser should have an adjustable vent or dial to control the rate of chlorine release. It should be compatible with standard chlorine tablets or sticks of various sizes. The design should be lightweight and easy to handle, refill, and clean. The dispenser should be safe to use in all types of pools, including residential and commercial pools. The dispenser should be stable in water to prevent tipping or sinking during normal pool conditions.	2	Nos
34	NSSR NO.34	Technical Specifications The rescue tube should be made of vinyl-dipped foam or polyurethane foam-filled polyethylene, ensuring durability, flexibility, and long service life. The buoyancy should be sufficient to support the weight of a rescuer and multiple victims, typically providing flotation for a load of up to 95 kg. The surface should have a non-slip, smooth finish to allow a firm grip during rescue operations. The rescue tube should include a heavy-duty lanyard and an adjustable shoulder strap for easy handling and towing. The equipment should be highly visible in water, available in bright colors such as red or yellow, for quick identification during emergencies. Length: 125 cm Width: 16 cm Thickness: 8.5 cm	10	Nos

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35	NSSR NO.35	Technical Specifications The buoy should be made of durable, high-visibility, UV-resistant, and corrosion-resistant material suitable for prolonged water exposure. The buoy should be designed to float steadily and remain visible under normal water conditions. The size and shape should ensure stability and easy identification from a distance. The buoy should include attachment points or eyelets for ropes, chains, or anchoring systems. The color should be bright and easily distinguishable from the water and surroundings to enhance visibility and safety. The buoy should be lightweight enough for easy handling but robust enough to withstand impacts and harsh weather conditions. The buoy should be suitable for use in swimming pools, open water, or marine environments, depending on the application. LifeBuoy Outer Diameter: 70–75 cm (standard size for adult use). Inner Diameter: 40–45 cm. Thickness: 10–12 cm	10	Nos
36	NSSR NO.36	Technical Specifications The spine board should be made of high-density polyethylene (HDPE) with a seamless, one-piece molded construction for maximum strength and easy cleaning. The equipment should be compatible with X-ray, MRI, and CT imaging, allowing patient transport without interference in diagnostic procedures. The board should include multiple handholds positioned around the perimeter to ensure a secure and stable grip for lifting and transferring patients. The spine board should have a high buoyancy rating, capable of floating a patient weighing up to 90 kg or more, making it suitable for water rescues. The system should be supplied with quick-release patient restraint straps for secure immobilization and rapid deployment during emergency use.	4	Nos
37	NSSR NO.37	Technical Specifications The whistle should have a pealess, three-chamber design to produce a consistent and high-volume sound suitable for emergency signaling. The sound output should reach up to 115 dB or higher, ensuring audibility in high-noise or open-water environments. The whistle should be made of high-impact ABS plastic or durable polycarbonate material, providing excellent strength and resistance to wear. The design should be resistant to freezing and waterlogging, maintaining performance in wet or cold conditions. The whistle should be designed so that it cannot be overblown and remains effective even when submerged or exposed to moisture.	10	Nos
38	NSSR NO.38	Technical Specifications The life jacket should be made of high-quality, closed-cell foam material that provides reliable buoyancy and long-lasting performance. The outer shell should be made of durable, water-resistant fabric and designed in multi-color options for easy visibility in open water. The jacket should feature adjustable straps and buckle closures, ensuring a secure and comfortable fit for different body sizes. The life jacket should have an adjustable fit type suitable for users weighing between 40 kg and 120 kg. The design should be lightweight, reflective, and easy to wear, providing both safety and comfort during aquatic activities. The equipment should not require any batteries and should be maintenance-free, suitable for both recreational and professional use. The jacket should comply with personal flotation device standards and be recommended for individuals aged six years and above.	10	Nos
39	NSSR NO.39	Technical Specifications 1.0 Materials and Construction 1.1. The main frame of the lifeguard chair should be constructed from AISI-304 stainless steel or a higher marine grade. 1.2. The primary tubing diameter should be at least 38 mm to ensure structural stability. 1.3. The overall construction should be a durable, welded stainless steel design. 1.4. The seat should be made from a durable, UV-resistant material such as glass fiber reinforced plastic. 1.5. The steps and standing platform should be constructed from a non-slip, corrosion-resistant material like polypropylene fiber glass. 2.0 Design and Features 2.1. The chair should feature a dismountable base plate for installation or transport. 2.2. The design must include safety handrails to assist with ascent and descent. 2.3. The chair should be equipped with an integrated holder for a parasol or umbrella. 2.4. The design should include convenience features such as an integrated cup holder and a hook for hanging equipment.	4	Nos

Sr No	NSSR No.	Description	Quantity	Unit
40	NSSR NO.40	Technical Specifications The kit should contain a TPE Manual Resuscitator, Multichannel Kink Resistant Oxygen Tubing, a Reservoir Bag, and an Inflatable Mask. The resuscitator should support bag re-expansion. A pressure limiting valve should be included to ensure crucial adjustments for enhanced performance. The device should have a 360° swivel joint between the patient valve and face mask to facilitate ease of maneuverability and patient interface. The pack should contain a Silicone Resuscitator Bag (autoclavable), a Silicone Mask (autoclavable), Oxygen Tubing, and a Reservoir Bag.	2	Nos
41	NSSR NO.41	Technical Specifications The stretcher trolley is designed with a folding mechanism, which allows for compact storage and easy transport when not in use. The top surface of the stretcher is constructed from stainless steel, which ensures it is durable, easy to clean, and resistant to corrosion. The trolley is equipped with 4-inch caster wheels, which are designed to provide smooth maneuverability and stability during transport. This type of trolley is typically used for safely transporting patients in various medical settings, such as hospitals and clinics.	2	Nos
42	NSSR NO.42	Technical Specifications The stretcher trolley is designed with a folding mechanism, which allows for compact storage and easy transport when not in use. The top surface of the stretcher is constructed from stainless steel, which ensures it is durable, easy to clean, and resistant to corrosion. The trolley is equipped with 4-inch caster wheels, which are designed to provide smooth maneuverability and stability during transport. This type of trolley is typically used for safely transporting patients in various medical settings, such as hospitals and clinics.	4	Nos
43	NSSR NO.43	Technical Specifications The bed should be a three function electric ICU bed with ABS panel buffer type and collapsible side railings The ICU bed should include ABS railings for patient safety The bed should be equipped with a telescopic stainless steel saline attachment with a four-way hook for IV fluid support. The system should provide a powder-coated blue file holder box for easy storage of patient records and documents. The bed should include a 4-inch complete foam mattress with 32 density, covered in blue Rixin material for comfort and hygiene.	1	Nos
44	NSSR NO.44	Technical Specifications The product should be a lightweight, portable can of pure natural oxygen, The can should have a capacity of 500 ml, containing approximately 6 liters of pure oxygen for personal use. The can should be fitted with an ergonomically designed built-in mask and trigger system for easy use anywhere. The oxygen should instantly increase oxygen levels in the body and help restore normal brain and body functions. The product should be safe and easy to use, with 5 to 6 short bursts sufficient to relieve conditions caused by low oxygen levels. It should be useful for sports recovery, fatigue, breathlessness, pollution exposure, hangovers, and high-altitude conditions.	5	Nos

Sr No	NSSR No.	Description	Quantity	Unit
45	NSSR NO.45	Technical Specifications The defibrillator should be an advanced, portable unit with an integrated monitor. It should have a 10-inch color TFT display with LED backlight for clear visibility in any condition. The device should be lightweight and designed for use in both in-hospital and pre-hospital environments. The battery should provide an operating time of 3 hours and a backup of more than 100 shocks when fully charged. It should have an internal SD card with a memory capacity to store up to 50 defibrillation events and 50 12-lead ECGs. The device should be equipped with a USB port for external storage of up to 1000 defibrillation events. The user interface should include direct function keys and a rotary knob for easy mode selection. The display should show visual, step-by-step instructions to enhance user accuracy. Energy levels should be selectable directly through the paddles. The paddles should have two LEDs to indicate contact status, with a "Contact OK" message also displayed on the monitor. The device should automatically switch to child mode when adult paddles are removed. The device should provide extended monitoring for up to 72 hours, with both tabular and graphical trend monitoring. It should be upgradable for arrhythmia detection from ECG. The device should be able to be upgraded with an AED mode for automated external defibrillation. It should offer an optional external pacemaker for advanced cardiac care. The unit should be available with internal paddles for surgical settings. Comprehensive monitoring should include 12-channel ECG, SpO2, NIBP, temperature. It should have advanced CPR feedback with a metronome and real-time feedback on compression depth and rate. The device should have an integrated thermal printer for immediate data documentation.	2	Nos
46	NSSR NO.46	Technical Specifications The first aid kit should be compact, lightweight, and portable for easy storage and transport. The kit should include essential medical supplies such as bandages, adhesive tapes, antiseptic wipes, gloves, scissors, tweezers, and a thermometer. The materials of the kit should be durable and water-resistant to protect contents from damage or contamination. The kit should be organized with compartments or pouches for easy access and quick identification of items.	5	Set
47	NSSR NO.47	Technical Specifications 1.0 Overall System Requirements 1.1. The procurement should be for a complete system comprising four (4) independent counter-current swim units. 1.2. The system should be designed to allow four swimmers to train simultaneously in separate lanes. 1.3. Two (2) of the four units must be equipped with the integrated underwater camera and analysis system specified in section 8.0. 2.0 Counter-Current Unit Performance 2.1. Each unit should generate a smooth, quiet, and powerful current suitable for swimming in place. 2.2. The water current speed should be adjustable, from zero up to a top speed equivalent to a swimming pace of at least 1 minute and 10 seconds per 100 yards. 2.3. The generated current should be smooth, laminar, and wide enough to provide an effective training area for a single swimmer in a lane at least 3 meters wide. 3.0 Submerged Swim Unit (In-Pool) 3.1. The in-pool swim unit housing should be constructed from a combination of 316L marine-grade stainless steel and acrylic. 3.2. The unit should include an integrated stainless steel grab bar. 3.3. The unit should feature separate intake and outlet grills. 3.4. The unit should be available in multiple color options, such as platinum or sapphire. 3.5. The approximate in-pool dimensions of the unit should be 29 inches wide, 24 inches deep, and 38 inches high. 4.0 Remote Hydraulic Power Unit 4.1. Each swim unit should be powered by its own remote 5-horsepower (hp) hydraulic power unit. 4.2. The power units should be designed for installation in a dedicated, remote plant or control room to isolate noise and electrical components from the pool area. 4.3. The system should include all necessary hydraulic hoses to connect each power unit to its respective swim unit. 5.0 Control System 5.1. The speed of each swim unit's current should be adjustable via a dedicated, water-resistant wireless remote control.	1	Set

Sr No	NSSR No.	Description	Quantity	Unit
		6.3.1. The supplier should provide a deck mount system as an alternative or additional option, suitable for existing pools. 7.0 Electrical and Safety Requirements 7.1. The hydraulic power system design should ensure that no mains voltage electricity is present in the submerged swim unit or within the pool shell. 7.2. Each remote power unit should require a dedicated 220-volt, 30-amp circuit with GFCI protection. 7.3. The submerged swim unit must be VGB 2008 Compliant. 7.4. All remote power units must be installed by a certified electrician in the designated control room. 8.0 Integrated Underwater Camera and Analysis System 8.1. Camera Hardware: 8.1.1. The two specified units should each include a cabled underwater camera system. 8.1.2. The cameras should support a resolution of at least 2K (2560x1440) at 60 frames per second. 8.1.3. The lens should provide a wide viewing angle of approximately 100 degrees or more and feature linear view technology to prevent fish-eye distortion. 8.1.4. The camera housing should be drop-tested from at least 1 meter and hermetically sealed for long-term underwater use. 8.1.5. Each camera should come with a suction mount designed to attach to the counter-current unit, featuring a 360-degree rotatable mount. 9.0 Video Analysis Software 9.1. The system should include a perpetual software license with no mandatory ongoing fees. 9.2. The software must support the simultaneous analysis of at least four camera streams. 9.3. It should include features such as variable slow-motion, frame-by-frame playback, on-screen annotation and drawing tools, voice-over recording, video overlay (ghosting), and multi-screen support. 9.4. The software should allow for easy file management and network-level synchronization of all video feeds. 9.5. The system should include a dedicated central processing unit with the analysis software pre-installed, at least 256GB of storage, HDMI output, and a wireless <i>mouse</i>.		
48	NSSR NO.48	Technical Specifications 1.0 Underwater Cameras (4 Units) 1.1. The camera resolution should be at least 2K (2560x1440) or higher. 1.2. The system should support a capture frame rate of at least 60 frames per second (FPS) at 1080p and 2K resolution. 1.3. The camera lens should provide a wide horizontal viewing angle of 110° or more and incorporate technology to minimize fisheye or barrel distortion for a linear video output. 1.4. Each camera housing should be hermetically sealed for long-term underwater use and should be durability-tested against drops from a height of at least 1 meter. 1.5. Each camera should be supplied with a durable, waterproof cable of at least 10 meters in length, with longer cables of 20 meters or more available if required. 2.0 Video Analysis Software 2.1. The software should be provided with a perpetual, site-wide license with no mandatory recurring or subscription fees. 2.2. The software should be capable of simultaneously capturing and managing feeds from at least 10 cameras. 2.3. The software should allow for seamless switching and synchronous analysis of multiple video streams. 2.4. It should provide precise playback controls, including variable slow-motion and frame-by-frame stepping (forward and reverse). 2.5. A comprehensive set of on-screen annotation and graphical analysis tools (e.g., lines, angles, freehand drawing) should be included. 2.6. The software should have a feature to record and synchronize voice-over commentary to saved video files. 2.7. The system should feature a video overlay or "ghosting" function to compare two or more video clips simultaneously. 2.8. An integrated file management system, with support for network file transfer protocols (e.g., FTP), should be included. 2.9. The system should be capable of being configured for live streaming of video feeds over a standard IP network. 2.10. A companion application should be available for common tablet or computer operating systems, allowing for remote viewing and analysis of at least four camera feeds at once. 3.0 Central Processing and Control Unit 3.1. The control unit should feature a processor powerful enough to manage multiple 2K video streams without performance loss, equivalent to or better than a recent generation Intel Core i5 or AMD Ryzen 5 series processor. 3.2. The unit should be equipped with at least 256 GB of high-speed Solid State Drive (SSD) storage. 3.3. The unit should include standard video output ports such as HDMI or DisplayPort to support modern high-definition displays. 3.4. A wireless input device (mouse or equivalent) should be provided with the system. 4.0 Camera Mounting Systems 4.1. All mounting components should be constructed from high-grade, corrosion-resistant materials suitable for a chlorinated pool environment (e.g., anodized aluminum, carbon fiber, or stainless steel). 4.2. All mounts should feature a versatile camera bracket allowing for 360° rotation and tilt adjustments for optimal camera positioning. 4.3. A range of mounting options should be available, including telescopic pole mounts, fixed-length wall mounts, and weighted pool floor mounts.	1	Set

Sr No	NSSR No.	Description	Quantity	Unit
49	NSSR NO.49	Technical Specifications The device should be designed for real-time breath-by-breath analysis of oxygen uptake (VO₂), carbon dioxide output (VCO₂), and minute ventilation (VE). It should utilize triple sensor technology (O₂, CO₂, and airflow) to match the accuracy of stationary lab-grade systems. The device should weigh no more than 250 grams and be compact enough for wearable use during outdoor or indoor training. It should support GPS tracking and integrate with smartphones for pace and location data. The system should allow live monitoring and adjustment of training based on metrics such as:VO₂, VCO₂,Respiratory exchange ratio (RER),Respiratory rate (RF),Tidal volume (TV),Minute ventilation (VE),Heart rate (HR) The device should pair with external sensors (e.g., chest straps) and support data viewing via browser on tablets and computers. Calibration should be automatic, occurring within the first 2 minutes of use, with continuous recalibration during operation. The mask should be quick-changeable and easy to clean, suitable for repeated use. The system should provide performance zone analysis, ventilatory threshold detection, and energy expenditure metrics. It should be suitable for use by trainers, physiotherapists, physicians, and sports scientists in both lab and field environments. The device should not require a base station and should be fully mobile. Data output should be compatible with training software and allow export for further analysis	2	Set
50	NSSR NO.50	Technical Specifications 1.0 Frame and Adjustability 1.1. The frame should be constructed from aluminum. 1.2. The physical footprint of the bike should be approximately 124 cm in length and 50 cm in width. 1.3. The total weight of the unit should be approximately 45 kg. 1.4. The bike should support a maximum rider weight of at least 135 kg. 1.5. The bike should be suitable for riders with a height between 5 feet and 6 feet 5 inches. 1.6. The saddle height should be adjustable from approximately 49 cm to 75 cm. 1.7. The handlebar height should be adjustable from approximately 52 cm to 76 cm. 1.8. The crank arm length should be 170 mm. 2.0 Resistance and Drivetrain 2.1. The resistance system should be an electromagnetic type. 2.2. The power range should be from 0 to at least 2500 watts. 2.3. The system should be capable of simulating gradients up to 25%. 2.4. The bike should feature at least 22 electronically controlled gears. 3.0 Performance Metrics and Accuracy 3.1. The device should measure power with an accuracy of +/- 1%. 4.0 Connectivity and Software Integration 4.1. The bike should be equipped with ANT+, Bluetooth, and FTMS connectivity. 4.2. It must be compatible with major third-party training applications that use ANT+ FE-C or Bluetooth FTMS protocols, including Zwift, ROUVY, and Fulgaz. 4.3. The system should include a dedicated companion application for workouts, tests, and performance analysis. 5.0 User Interface and Components 5.1. The bike should feature integrated electronic shifters. 5.2. The bike should be supplied with flat pedals with toe cages, but allow for standard road or MTB pedals to be fitted. 5.3. An integrated holder for a tablet and smartphone should be included. 5.4. The system should be powered by an external 12V DC mains adapter.	1	Nos
51	NSSR NO.51	Technical Specifications The device should have a Speed Range offering a maximum speed of 12.5 mph (20 km/h), starting from 0 mph. The Incline System should have a maximum incline of 15% (starting from 0%) for versatile training. The Dimensions (Base Model) should be approximately 72" Length (183 cm)×35" Width (89 cm)×~64" Height (163 cm)±10%. The device's Unit Weight and Resistance Capability should have a dry weight of 445 lbs (201 kg) and be capable of applying a resistance feature adjustable from 0 to 60 lbs (27 kg). The Running Surface Technology must have a patented Slat Belt surface, designed to absorb shock and provide a comfortable, low-impact workout. The Training Modes should have a total of 3 different operation modes in one machine: Standard (Traditional), Dynamic (Free-Wheeling), and Resistance. The Durability Rating must feature an exceptional lifespan, specifically rated for 150,000 miles of use with minimal maintenance. The Electrical Requirements should be 115 VAC 20 A (Amperes) power supply.	1	Nos

Sr No	NSSR No.	Description	Quantity	Unit
52	NSSR NO.52	Technical Specifications The device shall measure heart rate using ECG-based chest strap technology with high precision. Must support Heart Rate Variability (HRV) measurement via R-R interval recording. Shall feature wireless connectivity including Bluetooth Low Energy (BLE) and ANT+ protocols. Must support dual Bluetooth connections simultaneously for use with multiple devices. Should offer internal memory to store at least one training session without requiring a connected device. Must be water-resistant up to at least 30 meters and capable of transmitting heart rate data during swimming. Battery type shall be CR2025 coin cell with a minimum battery life of 400 hours under normal usage. The sensor module should be lightweight (not exceeding 25 grams), and the complete unit should weigh less than 65 grams. The strap must be made of textile material with integrated electrodes and silicone grip to prevent slipping. The device should operate within a temperature range of -10°C to +50°C. Must be compatible with multiple fitness and health applications and capable of receiving firmware updates. All materials used shall be skin-friendly, durable, and sweat-resistant. The strap should be adjustable to fit chest sizes between approximately 65 cm to 93 cm. The device shall comply with international safety and wireless communication standards (e.g., CE, RoHS, Bluetooth SIG).	10	Nos
53	NSSR NO.53	Technical Specifications The Resistance and Load Capacity must provide continuous resistance up to 20 kg (44 lbs) in Gear 1 and up to 40 kg (88 lbs) in Gear 2, with a mandatory resistance for training and a maximum resistance of 70 kg (154 lbs) in Gear 2 for short durations (<3 seconds). The Speed and Range should support a maximum cable movement speed of 14 m/s (50 km/h/31 mph) and come with a standard cable length of 120 m. The Training Modes must include a Variable Load Mode where the resistance load is determined by the speed of the line (cable), and the device should be usable for both Testing and Training for resistance and endurance. The User Interface must feature a 7-inch adjustable touchscreen that provides a REAL-TIME DISPLAY of performance metrics including Time, Distance, Speed, Force, and Power. The Data Acquisition and Connectivity must support a high data sampling rate of 200 Hz and be Wi-Fi connected with a unique IP address. The device should include software for running, studying, and comparing athlete data. The Portability and Handling must be designed to be portable, with solid rubber wheels, a padded carrying handle, and an incredibly fast <10 second start-up time. The Dimensions (L x W x H) should be approximately 274×304×304 mm (11×12×12 in) with a lightweight body of 25 kg (55 lbs) without attachments. The Power Source must include a Rechargeable 99 Wh battery for cordless operation, along with a 41.4 V, 160 W Universal charger with a 2 m (6 ft) cord. The Device Features should include an integrated Built-in 40 W speaker and a dedicated Gear 2 Anchor for heavy resistance work. The Data Interface should include a USB-C port interface for data transfer and system updates.	3	Set
54	NSSR NO.54	Technical Specifications The system should provide smart workout planning by generating personalized training programs based on individual goals, available equipment, and training history. It should offer AI-driven recommendations for exercises, sets, repetitions, and rest periods to optimize performance. Users should be able to create custom exercises and set specific training goals within the system. The platform should provide advanced analytics, including detailed insights on training volume, intensity, mobility, strength, balance, and overall performance progress. The system should be compatible with wearable sensors and devices for automatic tracking of repetitions, velocity, jumps, throws, and other athletic movements. It should allow testing and monitoring of multiple performance measurements, including mobility, strength endurance, stability, and velocity-based training. The system should enable real-time performance monitoring, intra-team leaderboards, and athlete profile management over time. The sensors should be compact, lightweight, and fully wireless to ensure portability and ease of use in any training environment. The sensors should have high-precision measurement capabilities, including accelerometer, gyroscope, and magnetometer functions with configurable sampling frequencies. The system should support long battery life, fast USB-C charging, and unlimited data storage. The system should be accessible via mobile apps on both Android and iOS platforms, with options to export data in standard formats such as CSV or Excel. The system should comply with standard privacy policies and ensure secure handling of user data.	5	Set

Sr No	NSSR No.	Description	Quantity	Unit
55	NSSR NO.55	Technical Specifications 1.0 Flywheel Training Platform 1.1. The device should be a flywheel-based training system designed for eccentric, concentric, and isometric resistance training. 1.2. The top surface area of the platform should be approximately 73 cm x 43.5 cm. 1.3. The physical footprint of the device should be approximately 81 cm x 51 cm. 1.4. The height of the device should be approximately 21 cm. 1.5. The total weight of the main platform, without flywheels, should be 10 kg or less. 1.6. The drive belt should allow for a maximum range of motion of at least 180 cm. 2.0 Flywheels and Inertia System 2.1. The system should use interchangeable flywheels to provide variable inertia. 2.2. The system should be compatible with a range of flywheel sizes, providing a total inertia range of at least 0.005 kgm² to 0.200 kgm². 2.3. The supplied system should include at least four (4) flywheels of varying inertia levels, such as Extra Small (0.005 kgm²), Small (0.010 kgm²), Medium (0.025 kgm²), and Large (0.050 kgm²). 3.0 Included Basic Accessories 3.1. The system should include a. Multi-purpose harness suitable for squats, lunges, and similar exercises. b. Straight handlebar of approximately 58 cm in length for exercises such as deadlifts, rows, and presses. 3.3. A pair of single-hand grips for unilateral and rotational exercises. 3.4. A pair of adjustable ankle cuffs for lower body exercises. 4.0 Functionality 4.1. The device should be designed for a wide variety of exercises targeting the upper body, lower body, and core. 4.2. The system's design should provide variable resistance that accommodates the user's force output throughout the entire range of motion. 4.3. The device should be lightweight and portable, suitable for studio or home use.	3	Set
56	NSSR NO.56	Technical Specifications 1.0 Flywheel Training Unit 1.1. The device should be a flywheel-based training system designed for wall or rack mounting. 1.2. The system should be suitable for eccentric, concentric, and isometric resistance training for a wide variety of rotational, pulling, and pushing movements. 1.3. The physical width of the unit should be approximately 17 cm or less. 1.4. The height of the unit should be approximately 38 cm or less. 1.5. The depth of the unit should be approximately 38 cm or less. 1.6. The total weight of the main unit, without flywheels, should be 5 kg or less to ensure portability and ease of mounting. 1.7. The drive belt should allow for a maximum range of motion of at least 150 cm. 2.0 Flywheels and Inertia System 2.1. The system should use interchangeable flywheels to provide variable inertia. 2.2. The system should be compatible with a range of flywheel sizes, providing a total inertia range of at least 0.005 kgm² to 0.140 kgm². 2.3. The supplied system should include at least four (4) flywheels of varying inertia levels, such as Extra Small (0.005 kgm²), Small (0.010 kgm²), Medium (0.025 kgm²), and Large (0.050 kgm²). 3.0 Included Basic Accessories The system should include a. A multi-purpose harness suitable for rotational exercises, pulls, and chops. b. A straight handlebar of approximately 58 cm in length. c. A pair of single-hand grips for unilateral and rotational exercises. d. A adjustable ankle cuffs. 4.0 Functionality 4.1. The device should be designed for a wide variety of exercises targeting the upper body, lower body, and core. 4.2. The system's design should provide variable resistance that accommodates the user's force output throughout the entire range of motion. 4.3. The device should be lightweight and portable, suitable for studio or home use.	2	Set

Sr No	NSSR No.	Description	Quantity	Unit
57	NSSR NO.57	Technical Specifications Each plate should weigh around 13 kg and be constructed from aircraft-grade aluminum and stainless steel for durability. The system should be powered by a rechargeable Li-ion battery and should provide approximately 9 hours of operation per charge. The force plate should support wireless connectivity via WiFi Direct and allow local data storage on a tablet when offline. The plate should come factory-calibrated and support integration with third-party systems such as Bertec and AMTI. The system should sample data at 1,000 Hz to capture accurate vertical ground reaction forces. It should track performance metrics including peak force, average force, rate of force development, impulse, jump height, power, contact time, flight time, and asymmetry indices. The force plate should support multiple test protocols such as countermovement jumps, squat jumps, and drop jumps. The system should provide real-time feedback via the HD Mobile App and allow in-depth analysis and report generation through the Cloud App. The system should support unlimited athlete profiles and staff management, with customizable and printable reports. The force plate should offer API access for integration with other systems and compatibility with additional hardware platforms.	1	Set
58	NSSR NO.58	Technical Specifications The device should have Temperature Range offering a wide therapeutic temperature range, adjustable from a cold setting of 40 Degree Fahrenheit (Cold Tub side) up to a hot setting of 104 Degree Fahrenheit (Hot Tub side).. The Chiller/Heating System should have featured a Self-Contained Chiller with a powerful 2.1 hp capacity for rapid cooling and a separate heating system for the hot side. The Dimensions should be approximately 84 inch length (214cm)× 84 inch (214cm) ×30 inch (77 cm) ±10% The device should have water holding capacity of 150 gallons (568 L) in Hot tube side and 120 gallons (455 L) in cold tube side. The device must have 3 Built-in seats with armrests.. The device should have total of 18 jets, with 16 dedicated hydromassage jets on the hot tub side. The device must have a 24-hour circulation pump for continuous filtration. The machine should have an Advanced UV Water Purification System to eliminate bacteria and contaminants. The power supply should support 240 V/50 Amp power absorption ±10%. The Cabinet construction must be featured a durable, low-maintenance, all-weather durable cabinet.	1	Set
59	NSSR NO.59	Technical Specifications Combination therapy unit having facility of Electrotherapy & Ultrasound with Hands free Ultrasonic applicator (Stationary Applicator with Rotary Field Technology) Should have medical encyclopaedia into the system with anatomical library, and informative screens Should have facility for pre- programmed protocol selection through list navigation/quick protocols/body part navigation Should have large colour touch screen display of 7 inches Should have large number of pre-programmed indications for Electrotherapy Should have the facility of up-grading the firmware in future Should be able to treat 2 patients at the same time with independent therapies or same patient with 2 different indications Should have possibility to operate Ultrasound simultaneously/independently while giving 4 pole electrotherapy treatment or two 2- pole treatments and 1 ultrasound therapy simultaneously. Should have European CE / ISO certification Should have US FDA Certification Should have option for operation through battery also The unit must be supplied with Trolley with castors & at least 6 drawers for storage purpose Electrotherapy unit Should have 2 channel Electrotherapy with both independent channels Should have the following currents: Galvanic, Faradic, Neofaradic, Diadynamic currents, TENS currents (Sym, Asym, alt), Interferential currents (2 pole, 4-pole, iso-planar and dipole vector field), micro currents, high voltage	1	Nos

Sr No	NSSR No.	Description	Quantity	Unit
		therapy, H-wave, Leduc current, Should have facility for Constant Voltage/ constant Currents modes Ultrasound therapy- Technical specification Ergonomic Multi frequency treatment head for 1& 3 MHz treatment (Standard- ERA 5cm2 Alternating frequencies 1 and 3 MHz allowing simultaneous treatment with 1 and 3 MHz Duty factor of 5-95%, in steps of 1% Modular frequency: 10-150Hz in pulsed mode in steps of 10Hz Peak intensity of 0-2 W/cm² - duty cycle 100% in continuous mode 0-3 W/cm² - duty cycle < 100% in pulsed mode. Beam non-uniformity ratio<5 Head warming facility for treatment head. Treatment time of 0-30 minutes		
60	NSSR NO.60	Technical Specifications The device should have at least 3 wavelengths: 810 nm, 980 nm, and 1064 nm for optimized tissue interaction and depth of penetration. The laser should have a minimum power output of 10 W. The device must be a Class IV laser. The device should support Continuous Wave (CW), E²C (Patented Stochastic Mode), HPM (HyperPulsed Mode), and Antin Pulsed Modes (Puls1, Puls2, Puls3). The pulse width range should be adjustable from 1 ms to 1000 ms. The display should be a minimum 7-inch TFT IPS color screen with a capacitive touchscreen interface. The device should include at least 60 preset treatment protocols based on various pathologies and therapeutic effects such as Analgesic, Anti-inflammatory, and Biostimulant. The device should offer manual dosing control options including Joule, Timer, and Trigger Point. The power supply should support 100–240 V, 50–60 Hz, with power absorption of 160 VA ±10%. Device dimensions should be approximately 295 mm × 265 mm × 147 mm, with ±10% variation acceptable. The weight of the device should not exceed 5 kg (excluding trolley). The device should be supplied with a trolley. The device should be supplied with a laser probe holding arm that can be set and used during patient treatments Should be supplied with Trolley with Castors and Drawers Quality – International Standards / European CE	1	Nos
61	NSSR NO.61	Technical Specification The Resistance Capability should support heavy strength exercises up to 100 kg (220 lbs) in maximum force, with a continuous resistance of up to 50 kg (110 lbs) in Gear 1 and 100 kg (220 lbs) in Gear 2. The Overload Feature must offer advanced training options, including up to 3x eccentric overload, with a maximum eccentric overload of 180 kg (396 lbs). The Maximum Speed and Training Modes must support movements up to 5 m/s (18 km/h/11 mph) and allow users to select from high speed, isokinetic training, or eccentric overload training modes. The Line (Cable) System should have a standard line length of up to 2.4 m (7.8 ft) (5 mm thickness), with an option for an extended line length up to 4.0 m (13 ft). The Performance Feedback must feature a built-in, adjustable touchscreen display with 1300 Lumen brightness, providing real-time feedback of performance metrics (speed, power, or force). The Data Acquisition must support a high data sampling rate of 50 hz for accurate performance tracking. The Connectivity should be Wi-Fi connected and feature a unique IP address for network integration and data logging. The Dimensions (W x H x D) should be approximately 370×320×375 mm (14.6×12.6×14.8 in). The Weight (Without Attachments) should be light and portable, at approximately 25 kg (55 lbs). The Power and Interface should use a 41.4 V,160 W Universal charger with a 2 m (6 ft) cord length, and include a USB-C port interface for data transfer or updates.	2	Nos

Sr No	NSSR No.	Description	Quantity	Unit
62	NSSR NO.62	Technical Specification The equipment should be a multi-functional treatment and mobilization table designed for physiotherapy and manual therapy applications. The table should include two thorax section elements for advanced treatment positioning. The height adjustment (Hi-Lo) range should be 49 cm to 105 cm, controlled electronically. The total equipment weight should be 170 kg. The table should feature electronic tilt-down and tilt-up functions for precise face and leg section control. The table should allow lower body rotation and total lock function for both upper and lower body sections. The equipment should be equipped with two castors for easy mobility. The safe working load (SWL) should be 150 kg. The lifting mechanism should include motors with gravitational lowering. The drop functions should include normal drop and traction drop modes. The table should have an automatic anti-squeeze safety function to prevent injury during operation. The safety edge should stop table movement automatically when triggered. The equipment should include adjustable legs and paws for stable positioning on uneven surfaces. The safety lock function should operate automatically (after 2 hours) or by pressing the High/Low pedal three times. The activating safety lock function should be triggered by double-clicking the High/Low pedal. The lying surface should be made of soft moulded foam material for patient comfort. The table should feature a U-shaped face element and an integrated breathing hole cover. The table chassis and components should be made of durable, easy-care materials for long service life. The equipment should be manufactured in Finland and comply with CE and ISO 13485 quality standards. The table design should provide multi-traction and 3D movement options to support dynamic treatment methods.	1	Nos
63	NSSR NO.63	Technical Specification It has a 10-inch touch display on a movable stand. The device features an adjustable headpiece with an ergonomic design for patient comfort. A tilter bar is included for manual lateral or controlled flexion movements. The system is equipped with an adjustable hand rest for the patient. The table height is adjustable, ranging from 26 to 42 inches. For easy movement, the device has lockable cluster wheels. An ankle support with a quick-release cutout is designed to prevent foot entrapment. The machine allows for saving patient treatment records and provides real-time treatment feedback through a live chart. It features a dual-motor system for separate decompression of the lumbar and cervical spine. The system supports customizable and specific treatments with auto and manual options. It provides auto cervical flexion and extension and auto lumbar flexion and extension for targeted decompression. The device includes auto axial rotation and lateral flexion in the lumbar region. A manual lateral flexion for scoliosis correction and an auto mobilization program are available. The system is designed with a heavy-duty and highly stable structure. It operates with low noise and includes a patient emergency switch.	1	Nos
64	NSSR NO.64	Technical Specification The table should have a weight of approximately 75 kg. It should be able to handle a load capacity of up to 150 kg. The table should have a length of 78 inches and a width of 27 inches. The height should be adjustable from a minimum of 21 inches to a maximum of 32 inches using a remote control. The head section should be adjustable manually in both upward and downward directions. The foot section should be manually adjustable from 0 to 70 degrees. The table should include two retractable wheels and two adjustable feet for stability on uneven floors. Each cushion should be made with a double layer of foam for comfort. It should operate with a professional medical actuator and low noise. The table should have a sturdy and stable construction.	4	Nos
65	NSSR NO.65	Technical Specification The device should have Shockwave Therapy, utilizing acoustic waves for musculoskeletal pain treatment and tissue regeneration. The device should have adjustable frequency ranges from 1 to 22 Hz, depending on the treatment requirement. The maximum pressure of device should be 5 bars. The device should have multiple handpieces with various applicator sizes for precise targeting of treatment areas. The device should be easy to use and user-friendly. The device should have touchscreen- display. The device should have Pre-programmed protocols. The power supply should be standard 220V AC or 110V AC, 50/60Hz. The device should be portable. The device should have SWT applicator with exchangeable kit Transmitters: 9, 15 mm multi-focused and 15 mm focused, 1 × exchangeable kit, trolley, gel 1000 m. Certification FDA Or CE certified for medical use.	1	Nos

Sr No	NSSR No.	Description	Quantity	Unit
66	NSSR NO.66	Technical Specification The device should be a trolley-mounted, 1-channel Tecar therapy unit. It should operate in both Continuous Wave (CW) and Pulsed (PULS) emission modes. The system should support operating frequencies of 448 kHz and 750 kHz for treatment of different tissue depths. The device should provide a power output of 70 VA effective (210 W peak-to-peak). It should run on the MecOS 5.0 real-time operating system for precise control. The system should offer over 80 preset protocols for various therapeutic effects. It should feature a 7-inch TFT IPS color touch screen with capacitive touch for intuitive operation. The device should include an emergency stop button to ensure patient safety. It should support an optional Automatic Mode (AVx) for hands-free operation during treatment. The system should provide guided procedures with graphic and acoustic feedback. The device should operate on a 100–240V, 50/60Hz power supply. It should weigh approximately 3.5 kg for easy handling and mobility. The system should be CE0051 certified to comply with safety and quality standards. The device should come with a 2-year manufacturer warranty. The system should optionally include a trolley stand to enhance mobility within clinical or sports environments.	1	Nos
67	NSSR NO.67	Technical Specification Basic Physiotherapy accessories includes - Thera Bands (Red, Yellow, Blue, Black, Green) 25 Yard rolls * 2 Each Gel Exercise Ball 5 Nos Bosu balls 5 Nos Shoulder Pully 5 Nos Foam Rollers 5 Nos Anti Skid exercise Mat 5 Nos Wall Mount Resistance Band Station with all the standard Accessories (Up to 100 Kg Resistance)	1	Set
68	NSSR NO.68	Technical Specification The medicine ball should be made of high-quality rubber or synthetic leather with a non-slip textured surface for a secure grip The ball should be available in various weights such as 1 kg, 2kg, 3kg and 5kg, with the weight clearly marked on each unit. The filling material should ensure uniform weight distribution and shape retention during repeated use. The ball should be impact-resistant, durable, and suitable for both indoor and outdoor training. The medicine ball should be designed for use in strength, coordination, and rehabilitation exercises. One Set Includes - 2 of each (1kg, 2kg, 3kg, 5 kg)	1	Set
69	NSSR NO.69	Technical Specifications Each Set should have 6 Sensor Pods, 6 Tripods, 6 Mounts 1.0 Sensor Pods (Hardware) Each pod should be equipped with a minimum of three distinct sensor types: a vibration/impact sensor, a proximity sensor, and an optical (laser/infrared) sensor for timing gate functionality. The vibration sensor should be a 3-axis accelerometer or equivalent, capable of detecting hits and impacts with multiple levels of sensitivity. The proximity sensor should be a time-of-flight or equivalent sensor, capable of detecting a user's presence from a distance of up to 1 yard (approx. 90 cm). The optical sensor system should allow pods to function as a wireless timing gate system over a distance of at least 10 yards between pods. The optical sensor system should be resistant to interference from direct sunlight. The complete starter set of pods and accessories should weigh no more than 7 kg (15 lbs) for portability. Pods should have a minimum ingress protection rating of IP66, making them dust-tight and resistant to powerful water jets. The internal battery for each pod should provide at least 8 hours of continuous active use under default settings. The full charging time for each pod should be 3.5 hours or less. Each pod should have versatile mounting options, including a standard tripod screw mount and compatibility with accessories like magnets, straps, and suction cups. 2.0 System Performance & Connectivity The system's timing accuracy should be 1/1000th of a second or better. The system should wirelessly connect to a central control device via a stable Bluetooth connection. The system should support the simultaneous connection and management of at least 12 individual pods. A single system should be configurable as either a multi-pod reaction light setup or as a multi-gate timing system (e.g., 6 gates). 3.0 Control Application (Software)	2	Set

Sr No	NSSR No.	Description	Quantity	Unit
		The system should be controlled via a dedicated mobile application available for both modern iOS and Android operating systems. The application must provide a free tier of service that allows for the execution of drills for reaction lights, timing gates, and reactive agility without a mandatory subscription. The application should include a library of pre-built templates for standard athletic performance tests (e.g., pro-agility, various sprint distances, Illinois test). Users should have the ability to create, customize, and save their own drills, controlling stimuli (colors, symbols, sounds) and timing for each pod. The application should provide real-time data display and leaderboards during sessions. The software should be able to analyze and display basic performance metrics such as total time and splits. The software should have an option for an advanced analytics tier (paid subscription) that unlocks detailed metrics such as power, force, velocity, acceleration, and allows for athlete/team data storage, trend tracking, and detailed reporting.		
70	NSSR NO.70	Technical Specification The Swiss Ball must be constructed from high-quality, professional-grade PVC (Polyvinyl Chloride) or heavy-duty vinyl/rubber to ensure durability and longevity. It must incorporate Anti-Burst Technology (ABS) that allows slow deflation in case of puncture, preventing sudden bursting and ensuring user safety. The ball must support a minimum user weight of 120 kg (270 lbs). It must have a tested static load capacity of at least 300 kg (660 lbs) or more. The ball should be available in standardized diameter sizes of 55 cm, 65 cm with a tolerance of ± 2 cm. The sizes must accommodate different user heights and exercise needs. The surface must feature an anti-slip matte finish or a textured, ribbed pattern to provide superior grip and stability. This surface texture must prevent slipping during vigorous exercises or when used as seating. Inflation must be facilitated via a valve stem that allows easy adjustment of firmness. The firmness must be customizable to suit various therapeutic needs. A firmer ball should increase the stability challenge, while a softer ball should offer enhanced comfort.	10	Nos
71	NSSR NO.71	Technical Specifications The device should function as both a digital dynamometer for strength measurement and a digital inclinometer for range of motion (goniometry) measurement. The device should be capable of measuring force up to at least 150 kg (330 lbs). The device should have a measurement accuracy of within 1% of the reading. The device housing should be durable and constructed from a material like anodized aluminum. The device should be compact and weigh no more than 350 grams (0.8 lbs) for portability. It should feature a digital display (OLED or equivalent) to show live readings directly on the unit. The device should include a variety of attachments for different testing applications, including a curved pad, a straight pad, and a hook for use with straps and handles. System Performance & Connectivity The device should connect wirelessly to a control application via a stable Bluetooth connection. The system should allow for the connection of two separate devices simultaneously to the control application for bilateral strength testing (left vs. right). The internal battery should provide a minimum of 20 hours of active use. The battery should be rechargeable via a standard USB-C port. Control & Analysis Application (Software) The system must be controlled by a dedicated application compatible with both modern iOS and Android operating systems. The application should include a comprehensive library of at least 300 pre-loaded tests for both strength and range of motion, complete with video and text instructions. The software should provide various test modes, including "break" tests, "make" tests (isometric), and reps to fatigue. It should provide real-time visual and auditory feedback during testing. The application should automatically calculate and display key metrics such as peak force, average force, force-to-bodyweight ratio, and left/right asymmetries. Test results, including force curves and historical data, should be automatically saved to individual client profiles. The software should include features for generating professional, branded PDF reports from the test data. The application should support the creation of custom tests and the ability to group tests into customized assessment protocols.	2	Set
Gymnastic Items				
72	NSSR NO.72	This floating mat can be used for tumbling, training, and water-based exercise. It is puncture-resistant and comes with an electric air pump for fast inflation. According to Desertcart.in, it measures 9.8 feet long and 4 inches thick.	25	Nos
73	NSSR NO.73	Lightweight dumbbells made of EVA foam that provide resistance for upper-body, lower-back, and abdominal workouts.	20	Set
74	NSSR NO.74	Handheld paddles that provide adjustable underwater resistance. With ten customizable resistance levels, these durable paddles are ideal for water aerobics and rehabilitation. According to Desertcart.in, they have an ergonomic design suitable for various hand sizes.	40	Set
75	NSSR NO.75	Diving Sticks : Rigid P.V.C. stick stands upright when dropped in the pool.	40	Set

Sr No	NSSR No.	Description	Quantity	Unit
76	NSSR NO.76	Swimming fins are foot-worn devices that improve propulsion and efficiency in the water, made from materials like rubber, silicone, or plastic	40	Set
Civil Work				
77	NSSR NO.77	A 12 mm toughened glass elevation, with its slim profile and various fixing materials like aluminium or stainless steel, provides a sleek and sophisticated exterior appearance	473.725	SQM
78	NSSR NO.78	Fiber-Reinforced Polymer (FRP) precast panel, the key materials are a composite of reinforcing fibers embedded in a polymer resin, along with specific adhesives, mechanical fasteners, and trim pieces for installation.	214.2	SQM
79	NSSR NO.79	Aluminium vertical louvers are fixed or adjustable fins for ventilation, sun control, and aesthetics, mounted onto a frame attached to a wall or substrate using fastener. securing a base frame to the structure with fasteners and then attaching individual louver blades to the frame, often using profiles.	1460.4	SQM
80	NSSR NO.80	Prefabrication insulated roofing sheet. The material is strong, durable, and commonly used for applications like roofing, fencing, and in the construction and automotive industries.	1030	SQM
81	NSSR NO.81	Providing and applying external raincoat varnish painting with crack filling acrylic polymer based chemical compound coating to the external surface of walls to prevent water seepage in the wall tiles during monsoon added with required shade Steiner to give required shade to the surface in two coats. Including providing two coat of varnish paint including preparing surface scrapping the cleaning the cracks developed in the external tiles, removing loose particles by chiseling, filling cracks by chemicals compound of approved make with proper etration etc. Coating of Raincoat with the help of brush and as per instructions and specification given by manufacturer and with instruction from Engineer in-charge.	250	Rmt.
82	NSSR NO.82	Providing & Fitting LED Bank name boards at different area or sections of the building, including Scaffolding & necessary fitting		
		Acp Led Board	20.4	SQM
		Acp Led Board	2	SQM
		Acp letters fit Board	4.5	SQM
Fire Work				
83	NSSR NO.83	Supply of 48 mm thick steel door shutter of 120 min fire rated confirming to BS-476, Part-22 and IS:3614 part-II ; fabricated with 2 nos of 1mm thick glvanized steel sheet sandwiching honeycomb materials in between.Door frame are manufactured with 1.25mm thick galvanized steel sheet pressed to form double rebate profile of size 143X60 mm. The frame and shutter are finished with powder coating of approved colour. SIZE - 1200 X 2400	2	Nos
Filteration Work				
84	NSSR No.84	Valves Model : S1200' Series Fibreglass Side Mount Sand Filters (with bolt type valve) Maximum Flow Rate: 52800 Litres/Hr Size Dia: 1200mm Valve dia: 75 mm	3	Nos
85	NSSR No.85	Model: EPH400 Super Power Series Pump 4HP, 220V/50Hz, Three phase, 3" Flange, IPx5 Waterproof standard, Ring Lock design, S S 316 Shaft & Mechanical Seal	3	Nos
86	NSSR No.86	Ozo-Plus Ozone Generator 8g/h, 30 l/m	1	Nos
87	NSSR No.87	Model : CLL-75 Chemical Feeder 11KG In-line Capacity : 10PPM for 95000L Pool Valve dia: 63 mm	2	Nos
88	NSSR No.88	EM2861 floor inlet	30	Nos
89	NSSR No.89	EM2812 12" x 12" Main drain cover	10	Nos
90	NSSR No.90	EM 2822 Vacuum Point	5	Nos

Sr No	NSSR No.	Description	Quantity	Unit
91	NSSR No.91	Ladder Stainless steel AISI-304 Mixed ladders with handrails with standard model step, added top double safety tread, width: 500mm, handrails dia 43mm stainless steel non-slip steps, provided with electrical earthing connection and anchoring fixtures. OF 315 3 step ladder (Stainless Steel Ladder Anchor Type)	4	Nos
92	NSSR No.92	OF 415 4 step ladder (Stainless Steel Ladder Anchor Type)	4	Nos
93	NSSR No.93	OF 515 5 step ladder (Stainless Steel Ladder Anchor Type)	4	Nos
94	NSSR No.94	LED-CP 100 Round Plastic Light, 102 LEDs 6W/12V White	34	Nos
95	NSSR No.95	EM2823C Underwater Light Junction Box	34	Nos
96	NSSR No.96	TRA-300VA-12V/300VA,230V-240V/50HZ Transformer	3	Nos
97	NSSR No.97	Leaf Net	2	Nos
98	NSSR No.98	Aluminium pole 2 x 4m with grip+lock	2	Nos
99	NSSR No.99	Flexible vacuum hose 38mm*15m	2	Nos
100	NSSR No.100	18" curved wall brush	2	Nos
101	NSSR No.101	Vacuum head 18"	2	Nos
102	NSSR No.102	250 mm UltraViolet Resistant Gratings	150	Running meter
103	NSSR No.103	Sand Media (Filter Media)	2580	Kg
104	NSSR No.104	Pipes, Valves and Fittings. ASTRAL make for Pipes and fittings and valves (UPVC PIPE)	668	Running meter
105	NSSR No.105	Polycab PVC Insulation Copper Flexible Cable 1.5 Sq.mm 2 Core	5	Nos
106	NSSR No.106	Plumbing Labour, Electrical Labour, Transportation And Mobilization	668	Running meter
107	NSSR No.107	Electric control panel (IP 55 form I) incorporating starter, 100 MA ELCB, ON/OFF switch for underwater lights, a set of engraved name plates and pilot lamps.	1	Nos
108	NSSR No.108	Pool Overflow band Tiles Providing and fixing Figure grip with safety mark for Swimming Pool, of approved make, quality 250mm x 125mm, in required position with low viscosity, workable, highly tixotropic. cementitious Adhesive minimum 5mm thickness, with filling joints, curing and cleaning etc. complete. As directed by Engineer-in-Charge	315	Nos
109	NSSR No.109	Providing and fixing corner tiles on resting ledge for swimming pool of approve make quality and size in required position with low viscosity, workable, highly tixotropic. cementitious Adhesive minimum 5mm thickness, with filling joints, curing and cleaning etc. complete tile Size 250mm x 125mm (3 lines) As directed by Engineer-in-Charge	950	Nos
110	NSSR No.110	Automatic Pool Cleaner Supply & training program of Robotic Pool cleaner (Heavy Duty) for the pools upto 50 mtrs, Unique gyroscopic system delivers accurate and effective scanning for systematic cleaning along the entire pool. (Dual filtration option for all types of dirt & debris) Model : Dolphin Wave PRO Exper WB Make : Aquarius/Quake/nElixir/Maymech/Pentair	1	Nos
111	NSSR No.111	Swimming Pool Tiles Providing and laying vitrified body tiles for swimming pool, of approved make and quality of size 247 mm x 122 mm x 8 mm thickness, for flooring and dado in required position with low viscosity, workable, highly tixotropic, cementitious adhesive min 5 mm thickness, with filling joints, curing and cleaning etc complete. as directed by engineer incharge	420	One Square Metre
HVAC Work				
112	NSSR No.112	MAKE- VOLTAS, VRF CONDENSING UNIT R-410.		
	1.1	12 HP	1	NOS
	1.2	18 HP	1	NOS

Sr No	NSSR No.	Description	Quantity	Unit
	1.3	20 HP	1	NOS
113	NSSR No.113	MAKE- VOLTAS 4-WAY CASSETTE AC VRF		
	2.1	1.6 TR	1	NOS
	2.2	2.6 TR	3	NOS
	2.3	3 TR	1	NOS
114	NSSR No.114	MAKE- VOLTAS HI-WALL AC VRF		
	3.1	1.3 TR	4	NOS
	3.2	1.6 TR	1	NOS
115	NSSR No.115	MAKE- VOLTAS DUCTABLE AC VRF		
	4.1	11 TR	2	NOS
116	NSSR No.116	MAKE- VOLTAS DUCTABLE AC DX		
	5.1	2 TR	1	NOS
117	NSSR No.117	Supply of Refnut Joint/ Branch Joints for Outdoor / Indoor Connection.	13	NOS

Sr No	NSSR No.	Description	Quantity	Unit
118	NSSR No.118	Installation & commissioning of Following machine		
	1.1	12 HP	1	NOS
	1.2	18 HP	1	NOS
	1.3	20 HP	1	NOS
	1.4	1.6 TR	1	NOS
	1.5	2.6 TR	3	NOS
	1.6	3 TR	1	NOS
	1.7	1.3 TR	4	NOS
	1.8	1.6 TR	1	NOS
	1.9	11 TR	2	NOS
	1.1	2 TR	1	NOS
	1.11	Installation of Refnut Joint.	13	NOS
119	NSSR No.119	Supply and installation of UPVC Drain piping for the units With Insulation 6mm of Nitrile Rubber pipe section suitable for following pipe size	140	RMT
120	NSSR No.120	Supply, installation and testing of Copper tubing complete with rubber tube insulation of tubular type with all accessories.(19swg copper pipe and 9mm thickness insulation)	180	RMT
121	NSSR No.121	AIR DISTRIBUTION WORK		
		Supply,fabrication and installation of rectangular sheet metal ducts with tranverse joint corners sealed with sealant and angle iron (GI) reinforcement for all ducts pieces longer than 4 ft and size of duct exceeding 30 inch (Site Fabricated only)		
		24 gauge	100	M2
		22 gauge	50	M2
122	NSSR No.122	Supply and Installation of Flexible Canvas Connection.	2	Nos
123	NSSR No.123	Supply and Installation of Aluminium Extructed Aluminium Grill for Supply and Return Air.	5	M2
124	NSSR No.124	Supply and Installation of Duct Acoustic Insulation 09 mm thick.	50	M2
125	NSSR No.125	Supply and Installation of Duct Thermal Insulation 13 mm thick.	150	M2
126	NSSR No.126	Supply and laying Control Cabling between indoor & Outdoor Unit.	200	RMT
127	NSSR No.127	Supply and Installation of M.S Fabricated Stand for Outdoor Units.	3	NOS
128	NSSR No.128	Vaccumising, Pressure Testing and Gas charging of all units.	1	LOT