

Annex-A					
Supply of Material, Construction and Development of Urban Pocket Park Jangabad, Sohrab Goth Town, Karachi East					
Sr#	Description	Unit	Quantity	Unit Rate	Total Amount
1	Clearing the site of all grass, bushes, shrubs, weeds, rubbish, loose debris, unwanted vegetation, small roots, and other objectionable materials; removing and disposing of all waste material outside the project premises to an approved dumping location; leveling minor undulations and leaving the site neat, clean, and ready for construction, complete in all respects	Sft	870.00		
2	Providing, supplying, transporting, spreading, dressing, leveling, and lightly compacting approved quality sweet soil (garden soil) free from salts, stones, weeds, grass roots, debris, and other deleterious materials, obtained from an approved source. The work shall include all loading, unloading, leads, lifts, surface preparation, and dressing to the required levels to receive grass, shrubs, flower beds, and other landscape plantation, complete in all respects as per drawings and as directed by the Engineer-in-Charge.	Cft	189.00		
3	Providing and placing approved excavated earth around foundations, plinth beams, trenches, and other structural works, in layers not exceeding 6 inches (150 mm), including watering, ramming, dressing, and compaction to the required density complete in all respects as directed by the Engineer-in-Charge	Cft	94.50		
4	Providing and constructing cast-in-situ PCC surface drain of approved size and alignment, comprising 1:2:4 cement concrete (minimum 3,000 psi at 28 days), including excavation, dressing and preparation of bed, PCC base and side walls, formwork, finishing with steel trowel, curing, backfilling, disposal of surplus excavated material, and all leads, lifts, labour, tools, plant, and incidentals complete in all respects as per drawings and as directed by the Engineer-in-Charge. PCC Surface Drain (12" x 12")	Rft	27.00		
5	Providing, supplying and laying 80 mm thick machine-pressed (vibro-compressed) interlocking concrete paver blocks of approved shape, size, colour and pattern, having a minimum compressive strength of 7,000 psi (48 MPa) at 28 days, over a 150 mm (6") thick compacted sand cushion of approved clean coarse sand, including leveling, dressing, joint filling with dry fine sand, plate compaction, cutting of edge blocks where required, and all labour, tools, equipment, transportation, testing at factory and random testing at site as directed by the Engineer-in-Charge, complete in all respects.	Sft	1,070.00		
6	Providing, casting, supplying and laying Precast Cement Concrete Kerb Stone of approved shape and size (300 mm depth x 150 mm width or as shown on drawings), manufactured with cement concrete having a minimum compressive strength of 3,000 psi (21 MPa) at 28 days, finished smooth with chamfered edges. The work shall include excavation, preparation of subgrade, laying on 75 mm thick PCC (1:3:6) bedding, alignment, jointing with cement mortar (1:3), backfilling, curing, and all labour, materials, tools, transportation, and incidental works complete in all respects as per the drawings and the instructions of the Engineer-in-Charge.	Rft	75.00		
7	Paint on Kerb Stones: Providing and applying two or three coats of approved weather-resistant synthetic enamel or reflective road marking paint on precast concrete kerb stones, over one coat of suitable exterior primer, in alternate black-and-white/black-and-yellow or other approved colour scheme. The surface shall be thoroughly cleaned and prepared before painting to ensure proper adhesion, complete with all labour, materials, tools, transportation, surface preparation, and incidental works, resulting in a smooth, durable, and uniform finish in accordance with the approved specifications and the directions of the Engineer-in-Charge.	Sft	300.00		
8	Providing and laying 1:2:4 cement concrete block masonry (size 8"x 6" x 12") using Coarse Sand and Approved crushed aggregate 1/2" (12.5mm) & down gauge in foundation, basement and plinth including scaffolding, raking out joints and curing. 6" (150 mm) thick solid block masonry with 1:4 cement sand mortar	Cft	540.00		

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9	Providing, fabricating, supplying, and installing decorative boundary fencing comprising Grade 304 stainless steel vertical pickets (25 mm), horizontal rails (50 × 25 × 1.6 mm RHS), and stainless steel square posts (75 × 75 × 2.0 mm) at maximum 2.40 m c/c, securely fixed to RCC pedestals with stainless steel base plates, anchor bolts, brackets, and all necessary fittings. The work shall include cutting, welding, grinding, polishing (No. 4 Satin Finish), alignment, erection, testing, and all labour, tools, plant, transportation, leads, lifts, and incidentals complete in all respects as per approved drawings and as directed by the Engineer-in-Charge.	Rft	34.00		
10	Providing and developing a healthy grass lawn by preparing the ground through clearing, levelling, dressing, and spreading 150 mm (6") thick screened sweet soil, mixed with well-decomposed organic manure as required. The work shall include fine grading, laying approved quality grass sods/turf (or seeding, where specified), rolling, watering, fertilizing, replacing damaged patches during the maintenance period, and all labour, materials, tools, transportation, and incidental works complete in all respects, as approved by the Engineer-in-Charge.	Sft	88.00		
11	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and 07 days of curing as per engineer incharge. (1: 4)	Sft	140.00		
12	Supply, fabricate and install Fiberglass Reinforced Plastic (FRP) Shed complete in all respects, comprising weather-resistant FRP roofing sheets (minimum 3 mm thick) fixed over heavy-duty MS tubular frame (minimum 2" × 2" × 14 SWG) with anti-rust primer and two coats of synthetic enamel paint. The work shall include MS columns, rafters, purlins, anchor bolts, base plates, RCC pedestal/foundation for fixing where required, all nuts, bolts, welding, cutting, fabrication, transportation, erection, sealing of joints, rainwater drip arrangement, and all accessories necessary for a complete installation. The shed shall be capable of resisting local wind loads and shall be installed as per approved drawings and the instructions of the Engineer-in-Charge.	Sft	189.00		
13	Supply, fabricate and install Wooden Park Bench complete in all respects, consisting of a heavy-duty powder-coated MS frame with seasoned hardwood/treated wood slats for the seat and backrest. The bench shall be ergonomically designed with smooth finished edges, weather-resistant wood preservative and protective clear coating, and anti-corrosion treatment for all steel components. The work shall include all nuts, bolts, screws, welding, anchoring to PCC/RCC foundation with anchor bolts, transportation, installation, and all accessories required for a complete and durable installation as approved by the Engineer-in-Charge.	Each	2.00		
14	Supply, installation, testing, and commissioning of Integrated Solar LED Wall/Security Light with PIR Motion Sensor, complete in all respects, comprising a weather-resistant die-cast aluminium or high-impact UV-stabilized ABS body with tempered glass/polycarbonate lens, integrated high-efficiency LED luminaire of 10–20 Watts, high-efficiency monocrystalline solar photovoltaic panel, rechargeable LiFePO ₄ lithium battery of adequate capacity, and intelligent PIR motion sensor with a detection range of 6–10 metres and 120° sensing angle. The luminaire shall automatically charge during daylight and automatically switch ON at dusk, operating in dim mode and increasing to full brightness upon motion detection before returning to energy-saving mode after a preset time. The unit shall have a minimum protection rating of IP65, colour temperature 4000K–6500K (Neutral/Cool White), and battery backup of 8–12 hours after a full day's charging. The item shall include all mounting brackets, stainless steel fasteners, integrated controller, battery, internal wiring, testing, commissioning, transportation, installation, and all accessories required for a complete and operational system, as approved by the Engineer-in-Charge.	Each	6.00		

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Sr#	Description	Unit	Quantity	Unit Rate	Total Amount
15	Providing, supplying, installing, testing, and commissioning an integrated solar LED Garden Spike Light (Pincho/Jatin type or approved equivalent) complete in all respects, comprising a corrosion-resistant die-cast aluminium housing with polyester powder-coated finish or UV-stabilized ABS body, fitted with a high-efficiency 5W LED luminaire (minimum 130 lm/W), 15–20W monocrystalline solar photovoltaic panel, integrated LiFePO ₄ lithium battery (minimum 6 Ah, 12.8V or equivalent), intelligent MPPT/PWM charge controller with automatic dusk-to-dawn operation, overcharge, deep-discharge and reverse polarity protection. The luminaire shall have a minimum IP65 protection rating, IK08 impact resistance, colour temperature 3000K–4000K (Warm White), CRI ≥80, and provide a minimum 10–12 hours continuous illumination after a full solar charge with 3–5 days autonomy under cloudy weather conditions. The unit shall be supplied with a heavy-duty galvanized steel or powder-coated ground spike, complete with mounting accessories for installation in lawns, landscaped areas, flower beds, parks, pedestrian pathways, and road medians. The rate shall include all materials, labour, transportation, installation, testing, commissioning, warranty, and all incidental works required for a complete operational system, as approved by the Engineer-in-Charge.	Each	4.00		
16	Providing, supplying and placing decorative flower pots with healthy ornamental flowering plants, potting soil, compost, and initial watering, complete in all respects	No's	15.00		
17	Providing and applying painting and finishing works complete in all respects, including surface preparation, cleaning, sanding, filling minor imperfections, one coat of approved primer, two coats of weather-resistant exterior acrylic paint on masonry/concrete surfaces, two coats of synthetic enamel paint over anti-rust primer on all exposed steel works, and two coats of clear protective wood finish on exposed timber surfaces. The item shall include all labour, materials, tools, scaffolding, transportation, and incidental works required to complete the work as per approved specifications and the directions of the Engineer-in-Charge.	Sft	385.00		
18	Providing, supplying, and installing outdoor heavy-duty stainless steel waste bin of 60–80 litres capacity, fabricated from Grade 304 stainless steel with minimum 1.2 mm thick body, brushed/satin finish, corrosion-resistant, complete with hinged lid/open-top design, internal removable galvanized steel liner, locking arrangement, and base plate for anchor bolt fixing to concrete foundation. The work shall include all accessories, anchor bolts, hardware, labour, tools, transportation, erection, testing, and commissioning complete in all respects as per approved drawings and as directed by the Engineer-in-Charge.	Each	2.00		
19	Providing, fabricating, supplying, and installing outdoor park signage board of size 3'-0" × 4'-0" (900 × 1200 mm), comprising 3 mm thick ACP (Aluminium Composite Panel) with high-resolution UV-resistant digitally printed vinyl graphics laminated with anti-fade protective film, fixed on a heavy-duty MS frame (40 × 40 × 2 mm) with two Grade 304 stainless steel posts (75 mm dia., 2.0 mm thick) embedded in PCC (1:2:4) concrete foundations. The work shall include excavation, PCC foundations, anchor bolts, welding, painting of MS frame with anti-rust primer and two coats of synthetic enamel paint, all fittings, hardware, labour, transportation, erection, and commissioning complete in all respects as per approved drawings and as directed by the Engineer-in-Charge.	Each	1.00		

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Sr#	Description	Unit	Quantity	Unit Rate	Total Amount
20	Providing & Laying 1" uPVC Pipe: Providing, supplying, laying, jointing, testing, and commissioning 25 mm (1") diameter uPVC pressure pipe, Class D (PN 10–12.5) conforming to BS 3505, ISO 1452, or equivalent ASTM standards, manufactured from unplasticized polyvinyl chloride (uPVC) suitable for potable water supply. The pipe shall be installed true to line and level with solvent-cement joints, including all necessary fittings, bends, tees, sockets, reducers, clamps/supports, cutting, jointing, testing for leakage under specified pressure, and all labour, materials, tools, transportation, and incidental works complete in accordance with the approved drawings, specifications, and the directions of the Engineer-in-Charge.	Rft	200.00		
21	Heavy-Duty Flexible Rubber Hose (Watering Pipe 20mm Dia): Providing, supplying, and laying heavy-duty flexible rubber watering hose of approved quality, manufactured from reinforced synthetic rubber/PVC with high-tensile polyester yarn reinforcement, resistant to UV rays, abrasion, weathering, kinking, and operating pressure of not less than 10 bar (150 psi). The hose shall have a smooth internal surface for efficient water flow and a durable ribbed outer surface for enhanced flexibility and handling. The item shall include all necessary brass/PVC couplings, connectors, clamps, end fittings, testing, transportation, labour, and incidental works complete in accordance with the approved specifications and the directions of the Engineer-in-Charge.	Rft	300.00		
22	Providing, Supplying & Placing Shade Trees in Decorative Planters (Gamla): Providing, supplying, transporting, and placing healthy, disease-free, well-rooted evergreen shade trees of approved species (such as Neem, Sukh Chain, Kachnar, Gulmohar, or other approved equivalent) having a minimum height of 1.8–2.5 m (6–8 ft) in heavy-duty decorative RCC/FRP/fibre-reinforced concrete planters (gamla) of approved shape, size, and colour, not less than 600 mm diameter × 600 mm height. The planter shall be filled with fertile sweet topsoil mixed with well-decomposed farmyard manure, compost, and approved fertilizer, complete with drainage holes, gravel layer, watering, staking where required, initial maintenance, and replacement of dead plants during the maintenance period. The rate shall include the tree, planter (gamla), growing media, transportation, loading/unloading, placement, labour, tools, equipment, and all incidental works complete in accordance with the approved specifications and the directions of the Engineer-in-Charge.	No's	5.00		
Grand Total (Inclusive of all Govt. Applicable taxes, Transportation, Deliveries, Packing and Loading/ Unloading and installation, If any)					