

Annex-D					
Supply of Material, Rehabilitation, Renovation and Improvement of the Central Corridor Machar Colony, Sohrab Goth Town, Karachi East					
S.NO.	DESCRIPTION OF ITEM	Quantity	Unit	Unit Rate	Total Amount
	A. Civil & Finishing Work				
1	Excavation: Excavation for Suit Earth of garden etc, in any strata upto required depth from natural ground level, Surplus material unsuitable for use as filling material shall be disposed off away from site by dumpers. no extra payment will be made in this regard. (only the size of lean concrete will be calculate for payment & as per site requirements).				
i)	Soft Soil	1,200.00	CFT		
ii)	Hard Soil	6,400.00	CFT		
iii)	Rock or Stone (including stacking at designated place for owner's property)	3,750.00	CFT		
2	Earth Filling.. Earth filling brought from outside, upto required depth including compacting, ramming dressing, watering, etc. complete in all respect. As per drawing, specifications and directed by Engineer-in-charge & as per site requirements				
i)	With Baloo Earth (Baloo Matti or Bhalu Mitti / Bhalu Matti) river sand or sandy loam soil. brought from outside	15,000.00	CFT		
ii)	Sweet Earth brought from outside	6,000.00	CFT		
ii)	Malba fill brought from outside	7,000.00	CFT		
3.	Stone Soling. Provide and lay 4" thick stone soling over compacted earth including compacting, watering etc. Complete in all respect. As directed by Engineer-in-charge & as per site requirements	1,800.00	SF T		
4.	Providing, mixing, depositing, curing and compacting using S.R. cement lean concrete under foundations, Plinth beams etc, as shown on the drawings with clean local sand and crushed stone, graded as specified, including formwork where required etc., complete in all respects as per drawing, site requirements, specifications and directed by Engineer-in-charge.				
i)	Lean Concrete 1:4:8 3" thick	450.00	CFT		
ii)	Cast in Situ Wall Concrete 1:3:6	1,000.00	CFT		
5	Block Masonry. Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns /walls(675mm long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 75mm deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, etc. complete in all respect (excluding the cost of vertical reinforcement with 1:4 cement sand mortar infill, if required, which will be paid under reinforcement item). as per drawing, requirements, specifications and directed by Engineer-in-charge.				
i)	4" thick Solid	1,500.00	SFT		
ii)	6" thick Solid	2,000.00	SFT		
iii)	18" thick Solid	1,800.00	SFT		

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6	Plaster.				
	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 2400mm height from FFL), 200mm wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary, etc., complete in all respect. As per drawing, requirements, specifications and directed by Engineer-				
i)	1/2" thick	2,450.00	SFT		
ii)	3/4" thick	5,850.00	SFT		
7	Paint Work. Weather Shield. Provide and apply Weather Shield paint of approved equivalent minimum three coats of approved shade to external surfaces prepared smooth with carborandum stone including scaffolding, etc. complete in all respect. As per drawing, requirements, specifications and directed by Engineer-in-charge.	10,000.00	SFT		
8	Color Crete / Textured Paint on Walls Recesschem Texture Render Finish: Provide and apply Color Crete / Texture paint minimum three coats of approved shade Recesschem Texture render finish or approved equivalent, mixed with fine screed sand of required ratio to internal plastered surfaces prepared smooth with carborandum stone, filling approved graphic render design, including scaffolding, wastage, etc. complete in all respect.	2,500.00	SFT		
9	Flooring. Sub - Floor: Provide & lay Sub-Floor Cement Concrete 1:3:6 (1 cement, 3 screened sand, 6 crush) sub-floor 150mm thick in two layers including consolidating, curing, etc. complete in all respect.	1,250.00	CFT		
10	C.C Smooth Floor. F6 Provide & lay Sub-Floor Cement Concrete 1:2:4 (1 cement, 3 screened sand, 6 crush) smooth floor 2" thick in two layers including consolidating, curing, etc. complete in all respect.	2,000.00	SFT		
11	Terracotta Tiles Flooring. F2 Provide and lay Terracotta Tiles flooring of approved sample for flooring, in slope if required, with 1:4 cement sand mortar base of required thickness so as to achieve a minimum overall finished floor thickness of 50mm, setting the tile with neat cement mortar, grouting the butt joints 5mm wide (using PVC spacers) with approved grout & approved colour of equivalent as per manufacturer's specifications & instructions, including curing, cleaning, hacking / chipping of existing surface for bonding where necessary, etc., complete in all respect.	1,400.00	SFT		

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S.NO.	DESCRIPTION OF ITEM	Quantity	Unit	Unit Rate	Total Amount
12	Paving In footpath: Provide and construct foot path paving laying consisting of following items as per specifications and drawings. 60mm thick grey & pigmented pavers (Envicrete of approved equivalent) of approved sample with sand bed / Khaka of minimum 50mm thick including PCC 1:2:4 where required and compacting, etc. complete with minimum compressive strength not less than 6500 psi with proper lab results	31,000.00	SFT		
13	Wall Finishes: Skirting & Dado. Concrete kerb Stone. F5 Provide and lay 3000 psi cube strength precast concrete kerb stone with 1:4 cement sand mortar base including grouting, curing, etc. complete in all respect.				
i)	Providing and fixing kerb stone (12"x18"x6") in cement sand mortar 1:3 in center media, round about or any other place as specified. As per the site requirements, directions and	3,500.00	RFT		
ii)	Providing and fixing kerb stone (12"x14"x6") in cement sand mortar 1:3 in center media or round about as specified. As per the site requirements, directions and <u>instructions of Engineer in Charge</u>	1,200.00	RFT		
14	Miscellaneous Work. C.C Finish Steps. Provide and construct C.C Step Finish as per drawing, consisting of following items, etc, complete. As per the site requirements, directions and instructions of Engineer in Charge				
i)	Solid block masonry Malba fill as approved. C.C 1:3:6 sub floor Approved C.C flooring on steps.	1,250.00	SFT		
15	Benches with backslash Terracotta Tiles Finish. Provide and construct C.C Benches Terracotta Tiles Finish as per drawing, consisting of following items, etc, complete. As per the site requirements, directions and instructions of Engineer in Charge				
i)	Solid block masonry for bench and backrest. Malba filling as approved. 3" thick C.C 1:3:6 sub floor / screed Approved plaster Terracotta finish.	200.00	SFT		
16	Planters: Provide and construct Planter as per drawing, consisting of following items, etc, complete. As per the site requirements, directions and instructions of Engineer in Charge				
i)	6" thick 1:3:6 Lean Concrete 1:3:6 Situ Wall Plaster to internal & external surface with pudlo mixed. Sweet Earth of approved quality. Plaster on wall external sides terracotta finish as shown in drawing. Stone Coping on wall as approved	2,200.00	SFT		

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17	Plants & Trees as per required sizes etc., complete in all respect. Providing, supplying, transporting, and planting healthy, disease-free, fast-growing evergreen mature plants suitable for the coastal climatic conditions of Karachi, of approved species such as Neem, Gulmohar, Aloe vera, Moringa, Kachnar, Ashoka, Ficus etc. or any other specified plants as directed by the Engineer In-Charge, having a minimum height of 4-6 ft (1.2-1.8 m), complete with excavation of planting pits, good quality garden soil, farmyard manure, initial watering, staking, and maintenance during the establishment period, as directed by the Engineer-in-Charge, complete in all respects.	500.00	JOB		
18	Wooden / Bamboo Shade / Pergola with Bamboos Support. Providing, Making & fixing of wooden Bamboo Shade / pergola, consisting of solignum treated bamboo frame & metal structure as shown in drawing, bamboo section support for pergola structure as shown, fixing arrangements, glue, cutting, lifting, etc., complete as per drawing and instruction of the Architect. For payment bottom surface of pergola will be measured including gaps. As per the site requirements, directions and instructions of Engineer in Charge	1,300.00	SFT		
19	C.C Channel. Provide and lay C.C channel with 1:3:6 cement sand mortar base of required thickness, with 1:4 cement sand plaster with pudlo mixed on wall and floor, etc, complete in all respect. For payment grating running length will be measured. As per the site requirements, directions and instructions of Engineer in Charge	250.00	RFT		
20	C.C Ramp for Entrance & Handicap. Provide and construct C.C Ramp for Entrance & Handicap as per drawing, consisting of following items, etc, complete. As per the site requirements, directions and instructions of Engineer in Charge				
i)	Solid block masonry or situ wall. Malba fill of approved quality C.C 1:3:6 sub floor with V grooves. Terracotta flooring. Plaster on wall external sides terracotta finish as shown in drawing. Stone coping as shown in drawing.	400.00	SFT		
21	Pre-Cast C.C Screen Wall. Provide and lay 4" thick Pre-Cast C.C Screen Wall with approved quality c.c jali with 1:4 cement sand mortar, including curing, scaffolding, reinforcing & anchors, grouting with cement sand mortar), hacking of existing surface for bonding where necessary, etc, complete in all respect as per specifications and drawings. For Payment net single side elevation area will be measured.	700.00	SFT		
	A. Sub-Total				
	B. Allied Works				

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22	Plumbing Works: Provide and install in position Plumbing fitting & all required works as per site, etc., complete as per instruction of the Architect and approved manufacturer list. Providing, supplying, laying, jointing, testing and commissioning a complete UPVC class C or equ. plumbing/irrigation network for the central corridor, comprising but not limited to 4", 3", 2", 1½" and 1" diameter UPVC pipes, including all required fittings, valves, tees, bends, reducers, couplings, solvent cement, specials, supports, excavation, bedding, backfilling, testing, flushing, and restoration of disturbed surfaces. The work shall be carried out in accordance with the approved drawings, site requirements, manufacturer's recommendations, and as directed by the Engineer/Architect, complete in all respects.				
i)	UPVC pipes 4" dia of approved quality	100.00	RFT		
ii)	UPVC pipes 3" dia of approved quality	150.00	RFT		
iii)	UPVC pipes 1" dia of approved quality	150.00	RFT		
23	Trash/Waste Bin: Supply and install 100L heavy-duty waste bins fabricated from 16-18 gauge MS sheet with reinforced rims and a 360-degree tilting mechanism for easy emptying. The drums shall be mounted on 4-feet vertical posts (1.5" angle iron or 2" pipe) with 12 inches embedded in 12"x12"x18" PCC (1:2:4) foundation blocks. All metal must be cleaned, primed with red oxide, and finished with two coats of WeatherShield enamel in distinct colors for segregation, featuring smooth-ground welds and 10mm bottom drainage holes to prevent rust. Final execution includes bilingual (English/Urdu) waste-type stenciling and high-visibility IRP, UN-Habitat, and Netherlands logos using permanent oil-based paints. (As per site requirements and directions of Engineer in Charge)	24.00	JOB		
24	Providing and laying clean, coarse sand or stone dust in trenches, plinths, or under floors in layers of variable thickness as directed, including spreading the sand in horizontal layers not exceeding 150mm, watering, and compacting to a maximum dry density using mechanical rammers. The final layer shall be precisely leveled, graded, and dressed to the exact finished profiles and elevations required, with measurements paid on the basis of the net compacted volume (in cubic meters or cubic feet) calculated via pre- and post-fill level surveys. The quoted rate shall be fully inclusive of all material procurement, transportation, labor, compaction machinery, water, and required quality control testing.	1,600.00	CFT		

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25	Main Signboards (4' x 3'): Supply and installation of double-sided signboards fabricated from 18-gauge MS steel sheet with an internal plate size of 4'x 3'. The sheet shall be encased in a 1.5" diameter, 16-gauge MS pipe frame with external dimensions of 4.5' x 3.5'. The structure shall stand on 4-foot high legs, reinforced at the base with 1-foot double cross-angle iron strips for stability. Installation includes embedding the legs in PCC (1:2:4) foundations as directed. Finishing must include thorough cleaning, anti-corrosive red oxide priming, and high-quality WeatherShield paint with the provided text and logos (including IRP, UNHABITAT & Netherlands) professionally rendered on both sides. The activity will be carried out with the directions and instructions of Engineer in-charge.	1.00	JOB		
	B. Sub-Total				
Grand Total (A +B) (Inclusive of all Govt. Applicable taxes, Transportation, Deliveries, Packing and Loading/ Unloading and installation, If any)					