

Terna Public Charitable Trust
Comound wall for plot boundries of 12A and 12 B
Bill of Quantities

Sr. No.	Descreption	Quantity	Unit	Rate	Amount
Note:- 1) Please note that the rates to be quoted for various items of work shall be by considering OPC-53 grade, and crushed sand of VSI-II Grade only however only for items of raised pointing and external plaster shall be executed using approved grade and zone river sand only.					
Note :-2) All concrete mixing work should be carried out by machine mix on site.No RMC allowed in any case.					
Compound Wall					
1	Excavation (Soil) Excavation for foundation in earth soils upto 0.6 m height as per requirment in all types of soils, sand, gravel, soft murrum, hard murrum with boulders & slush including spreading the excavated materials to selected places with lift stacking & spreading as directed including dewatering manually as well as by pumps preparing the bed for foundation and necessary backfilling, ramming, watering, shoring,removal of tees ,bushes and strutting etc complete.	536	Cu.m		0
2	Excavation (Soft Rock) Excavation for foundation in earth Rocks upto 0.6 m height as per requirment in all types of soft rock with boulders & slush including spreading the excavated materials to selected places with lift, stacking & spreading as directed including dewatering manually as well as by pumps preparing the bed for foundation and necessary backfilling, ramming, watering shoring and strutting etc complete.	120	Cum		0
3	Excavation (Hard Rock) Excavation for foundation in earth Rocks upto 0.6 m height as per requirment in all types of soft rock with boulders & slush including spreading the excavated materials to selected places with lift, stacking & spreading as directed including dewatering manually as well as by pumps preparing the bed for foundation and necessary backfilling, ramming, watering including shoring and strutting etc complete.	45	Cum		0
4	Soling providing & laying 150-230mm rubble soling with crushed sand as per requirement for preparation of bed for footing of compound wall below ground level including filling of gaps with chipping / metal with curing, compaction / raming, finishing,line level etc complete.	96	Cu.m		0
5	Concrete work Providing & laying Wet Mix Plumb Concrete by using 200 to 400mm boulders /crushed sand as per requirement pouring of concrete, formwork, scaffolding, safety nets, vibrating, compaction, curing strictly with hassein cloth, cleaning etc complete.	125	Cum		0
6	Concrete work Providing & laying Dry Mix Plumb Concrete by using 200 to 400mm boulders as per requirement, pouring of concrete, formwork, scaffolding, safety nets, vibrating, compaction, curing strictly with hassein cloth, cleaning etc complete.	75	Cum		0
7	P.C.C. Providing & laying P.C.C. of cast in situ controlled cement concrete 1:3:6 mix by using crushed sand , 20mm and down grade metal as per detailed designs, drawings, centering, formwork, required slope, compacting, finishing and curing etc complete.	64	Cu.m		0
8	U.C.R. messionry Providing & laying UCR masonry with 1:6 mix by using crushed sand for masanry work and approved river sand for pointing work including 1" pointing, 4" pipes to drain out rain water upto full width, curing, joint filling, racking of joints, finishing, cleaning, scaffolding with two coat of cement paint of white colour etc complete.	321	Cu.m		0

9	Steel reinforcement (Approved ISI) Providing & fixing in position steel reinforcement of various diameters for footings, columns, copings, beams as per required size as per detailed designs, drawings, schedule including cutting, bending, welding, hooking the bars, binding with (18 SWG) G.I. wire and supporting as required and providing concrete cover blocks at all levels including leads and lifts, curing etc. complete for both sub structure & superstructure concrete. (8, 10, 12 mm bars)	11240	kg		0
10	Concrete Work M-15 Providing & laying M-15 concrete for coping with crushed sand including shuttering, pouring of concrete, formwork, scaffolding, safety nets, hacking, vibrating, curing strictly with hassein cloth, cleaning etc complete. (Excluding steel reinforcement)	87	Cu m		0
11	Concrete Work M-20 Providing & laying M-20 concrete for column with crushed sand including shuttering, pouring of concrete, formwork, scaffolding, safety nets, hacking, vibrating, curing strictly with hassein cloth, cleaning etc complete. (Excluding steel reinforcement)	69	Cu m		0
12	Concrete Work M-25 Providing & laying M-25 concrete for column footing with crushed sand including shuttering, pouring of concrete, formwork, scaffolding, vibrating, curing, cleaning etc complete. (Excluding steel reinforcement)	77	Cu m		0
13	External Plaster Providing 25 mm thick sand faced cement plaster in two coat (first coat 12 to 15mm & second coat 8 to 12mm) strictly approved river sand in C.M. 1:4 to masonry surface in all positions and in plumb finish, scaffolding, curing, finishing, cleaning etc complete.	1663	Sq.m		0
14	External painting Application of two coat of Cement Paint with one coat exterior primer of approved colour shade as per direction & requirement of Asian Paint including crack filling, scaffolding, curing for 3 days etc complete	1746	Sq m		0
15	PVC Pipe Providing & fixing PVC pipes 1" dia with 18 gauge wire for light connection to every column including all bends, tees, elbow, nails, binding wire etc complete as per directed by Engineer-In-Charge.	1120	Rft		0
				Total	0