

PONDS RE-EXCAVATION BY MECHANICAL EXCAVATOR AND STAIR CONSTRUCTION

ECCCP-DROUGHT, PKSF

SI No.	Description	Unit	Unit price (TK.)
PO-301	Earthwork in excavation of pond by Hydraulic Excavator of any dimension in all kinds of soil including cutting and laying in tippers of disposing all excavated materials to safe distance, trimming bottom and side slope 1:/ 1:1.5	cum	105.00
PO-302	Leveling, Ramming and dressing work on above excavated to execute in a proper way on both side Ponds. Compactions of Earth work will be completed according to layer by layer and it will be 90% compaction	sqm	10.00
PO-303	Safely removing all objects above ground level from the work area, including trees, slumps, logs, and bush, through cleaning.	LS	10000.00
PO-304	Pumping and bailing out water from work site including supply, operation and maintenance of requisite site number of water pumps.	cum	6.651
PO-305	Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.5 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.	cum	1069.00
PO-306	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks (BDS 208) including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	Sqm	607.00
PO-307	Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in charge. (Cement: CEM-II / B-M)	cum	10224.00
PO-308	Supplying, fitting and fixing 20 mm to 25 mm thick, size (300 mm x 300 mm) machine made cement pavement tiles having minimum compressive strength of 27 MPa, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and making the joints carefully in true straight line including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M). In ground floor	sqm	1175.00

PO-309	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having maximum water cement ratio = 0.40 and minimum f_{cr} = 30.5 MPa, satisfying a specified compressive strength f_c = 22 MPa at 28 days on standard cylinders as per standard practice of Code ACI / BNBC, cement conforming to BDS EN-197-1-CEM-I, 52.5N, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33 (Aggregate grading as per table shown in technical specification), conducting necessary tests, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)	cum	10035.00
PO-310	Supply, fitting, fixing of sign board of 12 BWG MS sheet of equatorial rectangular plate 1200 mm x 900mm as mentioned in the drawing fitted with MS rectangular frame.	Each	10000.00
PO-311	Fitting and fixing of uPVC pipe including earth cutting and back filling for water inlet to the ponds and also water drain out from the Ponds	Rm	375.00
PO-312	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor	cum	8444.00
PO-313	Capturing a comprehensive video covering whole pond with surroundings and still pictures (at least 10 pictures per times) of earthwork for pre-work, during work and post-work from different angles/sides	Each pond	2500.00
PO-314	Site mobilization cost of excavator and all kind of work-related materials required for Ponds and stairs	Each pond	3000.00
PO-315	12mm thick cement plaster (ratio 1:4) for Brick stair	per/m ²	297.00
PO-316	Net Cement Finishing for brick stair	per/m ²	50.00

MRS