

<b>KITCO LTD</b>					
<b>NATIONAL GAMES SECRETARIAT</b>					
<b>SPECIFICATION AND SCHEDULE OF QUANTITIES</b>					
<b>BADMINTON COURT</b>					
<b>Sl.No</b>	<b>Description Of Items</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>
1.00	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	200.00		
2.00	Earth work in excavation by means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth.1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed, as directed by the Engineer- in-Charge				
	All kinds of soil.	cum	35.00		
3.00	Filling available excavated earth(excluding rock) in trenches, under floors,plinth,sides of foundation,in areas etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering,lead upto 50m and lift upto 1.5m including cost and conveyance of all materials,labour charges, etc complete at all levels as directed by the Engineer-in-Charge	cum	25.00		
4.00	Extra for additional lead upto 100m over initial lead of 50m for disposing surplus excavated earth as per the direction of Engineer-in-Charge.	cum	35.00		
5.00	Consolidation of earth by ramming in 15 cm layers including watering cost and conveyance of all materials ,labour charges etc complete as directed by the Engineer- in-Ccharge.	cum	25.00		
6.00	Providing and laying cement concrete of specific grade properly mixed and consolidated with hand rammers, including cost and conveyance of all materials, labour, curing, lead lift , etc. complete for all work up to plinth levels as directed by Engineer- in-Charge.				
6.01	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	cum	7.00		

SI.No	Description Of Items	Unit	Quantity	Rate(Rs)	Amount(Rs)
7.00	Providing and laying in position machine batched, machine mixed and machine vibrated design mix M-20 grade cement concrete for reinforced cement concrete using cement content as per approved design mix including pumping of concrete to site of laying but, excluding the cost of centering, shuttering, finishing and reinforcement including admixtures in recommended proportion (as per IS 9103) to accelerate,retard setting of concrete to improve workability without impairing strength and durability as per direction of Engineer-in-Charge Cement content considered in this item is @ 320 kg/cum	cum	11.00		
8.00	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding with 16 gauge GI binding wire etc complete including cost, conveyance, lead, lift of all materials for all types of RCC works <b>up to plinth level</b> as per drawing/specification and as directed by Engineer-in-Charge at all levels.				
	Thermo-Mechanically Treated bars	kg	550.00		
9.00	Providing and constructing Solid block masonry M-10 grade(mix 1:3:6)(1;cement ,3:crusher sand,6: 6mm metal) in C.M1:6(1cement, 6 coarse sand) with Solid blocks of 30x20x15 cm size and approved quality including scaffolding, raking out of joints,curing, cost and conveyance of all materials,labour, lead, lift, etc. complete for all types of masonry works in below the highest plinth level as directed by Engineer-in-Charge.	cum	5.00		
10.00	Side boundary fencing work with PVC coated chain link fencing in 3.0m height including all charges for providing 40 mm GI pipes @2.70 meters c/c as verticals fixed to ground using PCC , other horizontal members with 25 mm dia GI pipe at top, bottom and at middle (total 3 numbers), fixing the chain link in the frame work, with provision for one number of door on either short sides with provision for lock & key arrangements.	sqm	174.00		
11.00	15mm cement plaster of mix 1:4 (1 cement : 4 fine sand)including cost and conveyance of all materials, labour charges, scaffolding, sundries etc complete as directed by the Engineer in charge at all levels.	sqm	5.00		

SI.No	Description Of Items	Unit	Quantity	Rate(Rs)	Amount(Rs)
12.00	Design, Supply and installation of ITF approved polyurethane sports coating 4 to 8 mm thick with full PU resins applied in site, paved on to reinforced concrete for outdoor Badminton courts. including furnishing all required labor, materials, equipment, implements, parts and supplies necessary for, surfacing in accordance with the specifications and indications on drawings.	sqm	110.00		
13.00	Supply,installation,testing and commissioning of 4.5m height sports lighting system suitable for mounting three street lighting luminaires .Pole:-4.5metre long street light pole made out of 40mm Dia MS pipe . For mounting the luminaire,a frame work of size 1.2x0.9 mm fabricated out of 2 mm thick MS sheet is welded on the top of the pole . The frame work shall be suitable for mounting 3 luminaires. The pole shall be provided with suitable size polycarbonate loop in loop out box recessed in the PCC foundation itself .Luminaire : Supply ,installation , testing and commissioning of 1x28 W outdoor type street light luminares with sheet aluminum housing and acrylic cover having T5 lamps with ballast and all other accessories .From junction box to lumianires minimum of 3Cx1.5Sq.mm PVC insulated copper conductor shall be provided. The pole shall be earthed as per IS 3043. Casting of suitable foundation using 1:3:6 cement concrete for the pole considering the safe soil bearing capacity at site,at suitable depth as per the approved drawing .The quoted rate shall be inclusive of cabling(Min.2CX4 sq.mm cable) from a common supply point to each pole .	no	2.00		
<b>GRAND TOTAL</b>					