

**KITCO LTD**  
**NATIONAL GAMES SECRETARIAT**  
**TENNIS COURTS AT SANSKRIT COLLEGE , TVM**  
**SPECIFICATION AND SCHEDULE OF QUANTITIES**

Sl.No	Description Of Items	Unit	Quantity	Rate(Rs)	Amount(Rs)
<b>SH :1 EARTHWORK</b>					
1.01	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	850.00		
1.02	Earth work in excavation by means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within the site as directed by the Engineer- in-Charge All kinds of soil	cum	115.00		
<b>TOTAL OF SUB HEAD -1.0</b>					
<b>(SH: - 2.0 - CONCRETE WORK)</b>					
2.01	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.				
2.01.01	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	cum	40.00		
2.01.02	1:2:4 (1 Cement : 2coarse sand : 4 graded stone aggregate 20mm nominal size)	cum	12.00		
<b>TOTAL OF SUB HEAD -2.0</b>					
<b>(SH: -3.0 - MASONRY WORK)</b>					
3.01	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		
<b>TOTAL SUB HEAD 3.0</b>					
<b>(SH: - 4.0 - STEEL WORK)</b>					
4.01	Steel work welded in built up sections/framed work including cutting hoisting, fixing in position and applying two coats of approved make and colour synthetic enamel paint over two coats of approved make anticorrosive yellow zinc chromate primer, etc. including cost and conveyance of all materials, labour, lead,lift etc. complete as directed by Engineer- in-Charge at all levels				
4.01.02	In gratings, frames, guard bar, ladders, railings, brackets, gates & similar works.	kg	1000.00		

Sl.No	Description Of Items	Unit	Quantity	Rate(Rs)	Amount(Rs)
<b>TOTAL OF SUB HEAD-4.0</b>					
<b>(SH: - 5.0 - FLOORING WORK)</b>					
5.01	Providing and laying sub base for the synthetic Tennis field according to the drawings approved by ITF to suitable thickness and composition and strength. The item includes providing and laying layers of asphalt of required specification and finish to receive synthetic Tennis surface and side drain on one side of proprietary design for disposal of field water to disposal point, all according to proprietary methodology, drawing and design. Sub base details- a chemical treatment for pests and vegetation control, a sub base of 4" soling using 80 mm broken stone, 3" water bound macadam, 2" BM and BC (80/100)	sqm	560.00		
5.02	Supply of ITF approved, category 3/category 4 Tennis accrylic surface (5 layers) as per the proprietary design and specifications approved by ITF. The supply includes all taxes, duties, vat, excise and other charges, but excluding custom duty for which exemption can be obtained. On net delivery at site basis. The supply to include all wastage and other incidental for (32 X 19) sqm on completion. The work includes the supply and installation of Volleyball and Tennis sleeves & accessories including net. All markings in different colour as per the drawing is necessary	sqm	560.00		
<b>TOTAL OF SUB HEAD-5.0</b>					
<b>(SH: - 6.0 - FINISHING WORK)</b>					
6.01	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	450.00		
<b>TOTAL OF SUB HEAD-6.0</b>					
<b>(SH: - 7.0 - MISCELLANEOUS BUILDING WORK)</b>					

Sl.No	Description Of Items	Unit	Quantity	Rate(Rs)	Amount(Rs)
7.01	Side boundary fencing work with PVC coated chain link fencing in 3m 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	380.00		
<b>TOTAL OF SUB HEAD-7.0</b>					
<b>(SH: - 8.0 - ELECTRICAL WORKS)</b>					
8.01	Supply,installation,testing and commissioning sports lighting system using 9 m height GI pipe pole (5" & 4" dia) with brackets suitable for mounting three flood lighting luminaires .There shall be built in junction box with prewired MCB's for each lamp ,terminal connectors for loop in loop out. Supply ,installation , testing and commissioning of integral flood light luminaires having MH lamps with ballast and all other accessories - 1x400W - 3nos and pipe earth(1 nos) and earthing with GI strip as per IS 3043 for each mast etc. From each MCB's to lumianires minimum of 3Cx2.5Sq.mm PVC insulated copper conductor shall be provided.Design and supply of all materials and casting of suitable shallow foundation using M25 concrete for the pole considering the safe soil bearing capacity at site,at suitable depth as per the approved drawing, and supply a set of foundation bolts manufactured from special steel along with nuts, washers anchor plates and templates for each mast.The erection of the pole should be done with the help of suitable equipments including all charges for all cables	no	4.00		
8.02	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of outdoor type MCB DB(IP 54) including copper/brass busbar, neutral link, earth bus and DIN rail suitable for fixing MCB/isolator etc. fixed on floor in suitable foundation using suitable anchor bolts ,making good the damages, colour washing etc. as required. 4 way(8+12) -Double cover TPN vertical DB with provision for Fixing 4P MCB/Isolator/RCBO/ RCCB as incomer and SP/TP MCB as outgoing (IP 54)	no	1.00		
<b>TOTAL OF SUB HEAD-8.0</b>					
<b>GRAND TOTAL</b>					