

KITCO LIMITED

**NATIONAL GAMES SECRETARIAT
NAME OF WORK:- CONSTRUCTION OF MULTI-PUPOSE COURTS**

TENDER SCHEDULE FOR A SINGLE COURT

SI No.	Description	Unit	Qty	Rate in figures (Rs)	Rate in words	Amount (Rs)
1	Clearing the site/areas of shrubs, vegetation, grass, trees and saplings of girth upto 30 cm (measured at 1m height from ground level) including removal of roots to a minimum depth of 60 cm and disposal of rubbish upto a distance of 150 m outside the periphery of the area etc. complete as directed by Engineer- in- Charge.	sqm	857.00	1.59	Rupees One and Paisa Fifty Nine Only	1362.63
2	Earth work excavation in ordinary soil for foundation, trenches, grade beams, etc. including strutting, shoring and packing cavities wherever required, and getting out the excavated soil and then returning the soil as required in layers not exceeding 15 cm in depth, consolidating each layer by watering, ramming, etc., and disposing of surplus excavated earth with initial lead upto 50m and lift upto 1.5m including breaking clods, watering, and sectioning of soil bank, etc., complete as directed by the Engineer- in- Charge.	cum	112.00	132.36	Rupees One Hundred Thirty Two and Paisa Thirty Six Only	14824.32
3	Extra for consolidation of earth by power roller(Daily out turn 1850 m2) in 15 cm layers including watering, including cost and conveyance of all materials, labour charges, hire charges etc. complete as directed by the Engineer- in-Charge for soil stabilisation.	cum	129.00	14.07	Rupees Fourteen and Seven Only	1815.16
4	Providing and laying PCC 1:4:8 (1 cement, 4 coarse sand and 8 graded stone aggregate 40mm nominal size) properly mixed and consolidated with hand rammers, including cost and conveyance of all materials, labour, shuttering, curing, lead lift , etc. complete at all levels and as directed by Engineer- in-Charge.	cum	15.00	4049.90	Rupees Four Thousand Forty Nine and Paisa Ninety Only	60748.50

SI No.	Description	Unit	Qty	Rate in figures (Rs)	Rate in words	Amount (Rs)
5	Providing and laying PCC 1:2:4 (1 cement, 2 coarse sand and 4 graded stone aggregate 20mm nominal size) properly mixed and consolidated with hand rammers, including cost and conveyance of all materials, labour, shuttering, curing, lead, lift, etc. complete at all levels and as directed by Engineer- in-Charge.	cum	10.00	5924.00	Rupees Five Thousand Nine Hundred and Twenty Four Only	59240.00
6	Providing and fixing RCC of design mix M25 to proper gradients, lines and levels, machine mixed, mechanically vibrated, including cost of shuttering and centering, admixtures in recommended proportion (as per IS 9103) to accelerate, retard setting of concrete improve workability without impairing strength and durability etc complete and conveyance, lead, lift of all materials labour, etc. but excluding cost and labour of steel reinforcement for sating slab, trench covers, duct covers, platforms, walk ways directed by Engineer- in- Charge at all levels.	cum	15.00	7888.00	Rupees Seven Thousand Eight Hundred and Eight Eight Only	118320.00
7	Providing and constructing random rubble masonry with hardstone uncoursed for foundation and basement retaining walls etc. in CM 1:6 (1 cement :6 coarse sand) including raking out of joints,filling the joints /hollows with suitable sizes of split stones,filling the joints clearly, curing,cost and conveyance of all materials, cost of bond stone (should be provided at every 0.5 sqm of face area) , lead, lift etc.complete as directed by Engineer- in- Charge at all levels.	cum	15.00	2521.55	Rupees Two Thousand Five Hundred Twenty One and Paisa Fifty Five Only	37823.25
8	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	35.00	5859.14	Rupees Five Thousand Eight Hundred Fifty Nine and Paisa Fourteen Only	205069.90

SI No.	Description	Unit	Qty	Rate in figures (Rs)	Rate in words	Amount (Rs)
9	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	608.00	1000.00	Rupees One Thousand Only	608000.00
10	Providing, straightening, decoiling, cutting, bending, fixing in place, binding with 22 gauge Iron binding wire all sizes and types of steel reinforcement including cost, conveyance, lead, lift of all materials for all types of RCC works as per drawings/ specifications and as directed by Engineer-in-Charge at all levels	Qtl	9.00	7183.80	Rupees Seven Thousand One Hundred Eighty Three and Paise Eighty Only	64654.20
11	Providing and fixing PVC coated GI chain link fencing of height 3.0m with 50x50mm woven net with 2.85 mm dia GI wire +1.15 mm thk PVC coating (total 4mm dia) using angles and posts of ISA 50x50x 6 and ISMC 75 as per drawing. Chain link will be spirally woven netting of 1.8 m height and is fixed to an angle iron frame of ISA 50x50x6mm using nuts and bolts and the angle frame is fixed to the ISMC 75 ,used as pillars at an interval of 2.4m, and it is fixed in PCC block 1:2:4 of size 450x450x600 mm. The rate includes cost and conveyance of all materials, painting with two coat of anti corrosive yellow zinc chromate primer and two coats of synthetic enamel paint labour charges, lead, lift, etc complete at all levels and as directed by Engineer-in-charge.(Earth work, PCC, Plastering, etc. shall be measured under relevant items)	m	120.00	5030.78	Rupees Five Thiusand Thirty and Paise Seventy Eight Only	603694.00
12	Providing and applying cement plaster in CM 1:5 (1 cement and 5 fine sand) 12mm thick one coat floated hard and trowelled smooth to get a smooth finish to all surfaces such as walls, columns, beams , cornices ,drian side wall etc. including cost and conveyance of all materials, labour, curing, etc as directed by Engineer- in- Charge at all levels.	sqm	417.00	158.05	Rupees One Hundred Fifty Eight and Paise Five Only	65906.85

SI No.	Description	Unit	Qty	Rate in figures (Rs)	Rate in words	Amount (Rs)
13	Providing and fixing MS gratings for drains, including cutting, welding, labour , painting with two coats of anticorrosive yellow zinc chromate primer and two coats of Synthetic enamel paint of approved quality and colour, all necessary ,positioning to the concrete structure as per the drawing and directed by Engineer-in-Charge at all levels	Qtl	10.00	5135.84	Rupees Five Thousand One Hundred Thirty Five and Paisa Eighty Four Only	51358.40
	ELECTRICAL WORKS					
14	Supply,installation,testing and commissioning of 7.5 m height sports lighting system using 5 inch dia and 4 inch dia GI pipes 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. The work includes supply, installation , testing and commissioning of integral flood light luminaires having MH lamps with ballast and all other accessories - 1x400W - 3 nos in each poles with pipe earth (1 no) 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 1:2:4 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. The work also includes supply and commisioning of of suitable size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium /copper conductor cable conforming to IS 7098 (Part 1) amended upto date, supplying and making end termination with brass compression gland and aluminium/Copper lugs for suitable size of XLPE insulated PVC sheathed aluminium conductor cable of 1.1 kV grade as required, laying of cable in ground including excavation of trench of size 35x75cm, sand cushioning up to a height of 25cm (80+170mm), providing protective covering with country burnt bricks laid breadth wise, refilling the trench etc. as required for connecting from the builtin junction box of each posts to the outdoor type MCB DB (IP 54)		4	40000.00	Rupees Forty Thousand Only	160000.00

SI No.	Description	Unit	Qty	Rate in figures (Rs)	Rate in words	Amount (Rs)
15	Supply, installation, testing and commissioning of 7.5 m height sports lighting system using 5 inch dia and 4 inch dia pipes 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. The work includes supply, installation, testing and commissioning of integral flood light luminaires having MH lamps with ballast and all other accessories - 1x400W - 3nos in each poles with pipe earth (1 no) and earthing with GI strip as per IS 3043 for each mast etc. From each MCB's to luminaires 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 1:2:4 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. The work also includes supply and commissioning of of suitable size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium /copper conductor cable conforming to IS 7098 (Part 1) amended upto date, supplying and making end termination with brass compression gland and aluminium/Copper lugs for suitable size of XLPE insulated PVC sheathed aluminium conductor cable of 1.1 kV grade as required, laying of cable in ground including excavation of trench of size 35x75cm, sand cushioning up to a height of 25cm (80+170mm), providing protective covering with country burnt bricks laid breadth wise, refilling the trench etc. as required for connecting from the built in junction box of each pole to the outdoor type MCB DB (IP 54)					
			2	35000	Rupees Thirty Five Thousand Only	70000
16	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure or equivalent 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)					
			1	8394	Rupees Eight Thousand Three Hundred and Ninety Four Only	8394
Total						2131211
Rupees Twenty One lakhsThirty One Thousand andTwo Hundred and Eleven Only						