

KITCO LTD
NATIONAL GAMES SECRETARIAT
CIVIL WORKS FOR THE CONSTRUCTION OF THE PROPOSED PRACTICE COURTS FOR THE LAWN BAWL AT CIAL GOLF CLUB HOUSE
SPECIFICATION AND SCHEDULE OF QUANTITIES
TENDER SCHEDULE

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
	SH :1 EARTHWORK					
1.01	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.					
1.01.01	All kinds of soil	cum	15.00	201.62	Rupees Two Hundred One And Paise Sixty Two Only	3024.00
1.02	Filling in plinth or trenches, under floors, foundations, in areas etc. with red earth including watering, ramming consolidating and dressing, cost and conveyance of all materials,labour charges,lead,lift etc complete at all levels as directed by the Engineer- in-Charge					
		cum	120	437.67	Rupees Four Hundred Thirty Seven And Paise Sixty Seven Only	52520.00

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
1.03	Filling available excavated earth(excluding rock) in trenches, under floors,plinth,sides of foundation,in areas etc. in layers not exceeding 20cm in depth,consoldating 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	15.00	138.04	Rupees One Hundred Thirty Eight And Paise Four Only	2071.00
TOTAL OF SUB HEAD -1.0						57615.00
(SH: - 2.0 - CONCRETE WORK)						
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	5.00	5332.08	Rupees Five Thousand Three Hundred Thirty Two And Paise	26660.00
2.01.02	1:2:4 (1 Cement : 2coarse sand : 4 graded stone aggregate 20mm nominal size)	cum	5.00	6693.51	Rupees Six Thousand Six Hundred Ninety Three And Paise Fifty One Only	33468.00
TOTAL OF SUB HEAD -2.0						60128.00
(SH: - 3.0 - MASONRY WORK)						

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
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	10.00	4825.93	Rupees Four Thousand Eight Hundred Twenty Five And Paise Ninety Three Only	48259.00
	TOTAL SUB HEAD 3.0					48259.00
	(SH: - 4.0 - STEEL WORK)					
4.01	Structural steel work welded in built up sections,trussess and framed work including cutting, hoisting, fixing in position and applying two coats of Synthetic enamel paint over two coats of anticorrosive Yellow zinc chromate primer including cost and conveyance of all materials,labour charges ,lead,lift etc complete as directed by Engineer- in-Charge at all levels.	kg	1500.00	101.59	Rupees One Hundred One And Paise Fifty Nine Only	152385.00
	TOTAL OF SUB HEAD-4.0					152385.00

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
	(SH: - 5.0 - FINISHING WORK)					
5.01	12mm 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	120.00	197.74	Rupees One Hundred Ninety Seven And Paise Seventy Four Only	23729.00
	TOTAL OF SUB HEAD-5.0					23729.00
	(SH: - 6.0 - WATER SUPPLY)					
6.01	Supplying, laying and jointing HDPE pipes with specials such as tees, bends, door bend, door tee, elbows,unions, etc. with clamps including earth work, refilling, ,testing the lines rectifying any leakages or defects,etc. complete as directed by the Engineer-in-Charge for soil, waste, rain water,drains, vent pipe, etc. concealed or open at all levels including cost and conveyance of all materials, labour charges, sundries etc complete for external works as directed by the Engineer - in-Charge					
6.01.01	140 mm OD(6 kg/cm2)	m	82.00	1021.83	Rupees One Thousand Twenty One And Paise Eighty Three Only	83790.00
6.01.02	90 mm OD(6 kg/cm2)	m	55.00	588.88	Rupees Five Hundred Eighty Eight And Paise Eighty Eight Only	32388.00

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
6.01.03	75 mm OD(6 kg/cm ²)	m	55.00	443.75	Rupees Four Hundred Forty Three And Paise Seventy Five Only	24406.00
6.01.04	63mm OD(6 kg/cm ²)	m	55.00	341.30	Rupees Three Hundred Forty One And Paise Thirty Only	18772.00
	TOTAL OF SUB HEAD-6.0					159356.00

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
	(SH: - 7.0 - TURFING WORKS)					
7.01	Supply, installation, testing and commissioning of flexible, corrugated, perforated PVC pipes 100 mm dia of approved make for subsurface drainage system including excavation, backfilling, all fittings, etc. complete as directed by Engineer In Charge	RM	100.00	552.23	Rupees Five Hundred Fifty Two And Paise Twenty Three Only	55223.00
7.02	Supplying and filling 12 mm and down coarse aggregate in the drainage trench around the drainage pipe or in areas etc complete as directed by Engineer In Charge.	Cum	50.00	1275.22	Rupees One Thousand Two Hundred Seventy Five And Paise Twenty Two Only	63761.00
7.03	Supplying approved river Sand at Bowls area for raising the level including royalty carriage, etc complete as per specification and as directed by the Engineer-in-charge.	Cum	100.00	3736.93	Rupees Three Thousand Seven Hundred Thirty Six And Paise Ninety Three Only	373693.00
7.04	Supplying organic soilless growing media (neopeat blocks) of size 30x30x13cm manufactured by M/s. Sterling Farm Research & Services Pvt. Ltd or equivalent., as per the specification and as directed by the Engineer-in-charge.	MT	6.00	8595.10	Rupees Eight Thousand Five Hundred Ninety Five And Paise Ten Only	51570.00

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
7.05	Soaking the supplied Neopeat bales with water and mixed with sand in the ratio 80 : 20 as root zone mixture Convey to the bowls area and spread the same in the bowls area as root zone etc complete as directed by Engineer-in-charge.	Cum	73.00	238.94	Rupees Two Hundred Thirty Eight And Paise Ninety Four Only	17443.00
7.06	Supply and spread evenly over Bowls area and surrounds approved granular pre-grassing fertiliser comprising (Macro/micro plant nutrients from organic and chemical ingredients) 12:5:7 at a rate of 200 gms/m2 manufactured by M/s. Sterling Farm Research & Services Pvt. Ltd., or equalent as directed by the Engineer-in-charge.	Kg	200.00	82.60	Rupees Eighty Two And Paise Sixty Only	16520.00
7.07	Planting the approved variety Bermuda Twiff dwarf Verticut roots/Grasses on the rootzone prepared Bowls area at the rate of 18-20 bushes per Sq Ft etc complete as directed by the Engineer in Charge.(The rate includes planting the bushes on Bowls area,rolling with soft roller,levelling the undulation if any ocured at the time of rolling with sand and neopeats (Root zone) ,maintaining the Green area for 6 months by engaging sufficient labours for deweeding, watering, fertilizer application and grass cutting after the satisfactorly completion and handing over of the works)	Sqm	400.00	350.00	Rupees Three Hundred Fifty Only	140000.00

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
				In figure	in words	
7.08	Supplying & fixing rotor pop-up sprinklers(existing Rain Bird make in golf house) of radius around 22 metre, including the cost of different nozzles for adjusting discharge as well as radius with pressure approx. 4.5 kg/cm2 and discharge 1.5 to 2 lps, heavy duty type including the cost of providing, HDPE saddles, swing joints and all required fittings and provision for automation using solenoid valve, if required (excluding the cost of solenoid valve) and as per the directions of the Engineer-in-charge					
7.08.01	Half circle	Each	5.00	8200.00	Rupees Eight Thousand Two Hundred Only	41000.00
7.08.02	Full circle	Each	5.00	7995.00	Rupees SevenThousand Nine Hundred Ninety Five Only	39975.00
7.09	Supplying & fixing Isolation forged ball valve of PN20 rating, brass construction, SS ball, MS handle, proper corrossion resistant complete with all fittings and including the cost of all accessories as per the directions of Engineer-in-charge					
	50mm	Each	2.00	2347.00	Rupees Two Thousand Three Hundred Forty Seven Only	4694.00

Sl.No	Description of Items	Unit	Qty	Rate		Amount(Rs)
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7.10	Supply & fixing of electrical remote Rain Bird make Solenoid valve wick shall be normally closed 24 VAC 50 cycle Solenoid etc complete as directed by Engineer In Charge(The Rain Bird make Solenoid valve must be of same type with the existing Golf Course automation system)	Each	2.00	6000.00	Rupees Six Thousand Only	12000.00
7.11	Supply & fixing of Rain Bird make valve box 10" size for fixing the valve etc complete as directed by Engineer In Charge	Each	2.00	984.00	Rupees Nine Hundred Eighty Four Only	1968.00
7.12	Cushioning the side ditches and Banks area (As per International lawn Bowling laws and rules of Constructions) with approved material of lawn bowling etc complete as directed by Engineer In Charge	Sqm	100.00	300.00	Rupees Three Hundred Only	30000.00
	TOTAL OF SUB HEAD-7.0					847847.00
	GRAND TOTAL					1349319.00