

NATIONAL GAMES SECRETARIAT					
Additional works ( Chain Link Fencing ) at Thrissur Corporation Stadium					
SPECIFICATIONS AND SCHEDULE OF QUANTITIES					
Sl. No	Description	Unit	Qty	Rate	Amount
1	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.	Cum	96.00	205.39	19717
2	Excavating trenches of required width for pipes, cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil and unserviceable material as directed, within a lead of 50 m. All kinds of soil : Pipes, cables etc. not exceeding 80mm dia	RM	339.00	168.37	57077
3	Clearing jungle including uprooting of rank vegetation, grass, brush wood,trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared	Sqm	690.00	8.47	5844

4	Cutting of tree branches fouling with structure by engaging labour and including disposal of of the same from the premises and keep it in the undisturbed area within the project site	Day	10.00	1035.00	10350
5	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	1.00	5677.52	5678
6	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. 1:2:4 (1 Cement : 2coarse sand : 4 graded stone aggregate 20mm nominal size)	Cum	11.00	7215.52	79371
7	Centering and shuttering including strutting, propping etc. and removal of form for :Columns, piers, abutments, pillars, posts and struts	Sqm	93.00	598.42	55653
8	<b><u>MASONRY WORK :</u></b> 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 as directed by Engineer-in-Charge.	Cum	1.00	4813.12	4813

9	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) at plinth level with cement mortar 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	17.00	5171.89	87922
10	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	1,784.00	99.22	177008
11	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50 x 50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-Charge. Made of G.I. wire of dia. 4mm, PVC coated to achieve outer dia. Not less than 5mm in required colour and shade.	sqm	274.00	761.706	208707

12	Providing and applying cement plaster in CM 1:4 (1 cement and 4 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	7.00	215.622	1509
13	Supplying, threading, laying and jointing hard PVC pipes(10kg/cm2) with specials such as tees, bends, elbows, unions, etc. with clamps including earthwork, refilling, testing the lines after connecting to mains, rectifying any leakage or defects, etc., complete all as directed by the Engineer-in-charge for underground lines for water supply				
a)	Plumbing line 50 mm PVC 10kg/cm2	RM	220.00	200.88	44194
b)	40 mm PVC 10kg/cm2	RM	146.00	180.44	26344
c)	25 mm PVC 10kg/cm2	Rm	3.00	140.83	422
14	Providing and fixing full way GM valve with wheel (superior quality) including cost of all materials,labour charges etc complete as directed by the Engineer in Charge				0
a)	50 mm dia	Each	1.00	990.99	991
b)	25 mm dia	Each	4.00	566.09	2264
15	Supplying and fixing 450mm diameter C.I. cover with frame(heavy duty) for manholes(Total weight of cover and frame to be not less than 55 kg including cost and conveyance of all materials, labour charges, lead, lift, all taxes, sundries, etc., complete as directed by the Engineer-in-Charge at all levels				28048
		Each	4.00	7012.00	

16	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 Engineer-in-charge In cement mortar	C um	13.00	1187.802	15441
17	Finishing walls with acrylic smooth exterior paint for new work (Two or more coat applied @1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20kg/ 10sqm including cost and conveyance of all materials, labour charges, scaffoldings etc complete as directed by the Engineer in Charge at all levels.	Sqm	278.00	118.8	33026
18	Providing and applying two coats of synthetic enamel paint over two coat of approved quality anticorrosive yellow zinchromate primer on steel work including cost and conveyance of all materials,labour charges,scaffolding etc complete as directed by Engineer- in Charge at all levels	Sqm	10.00	153.186	1532
<b>Total</b>					<b>865915</b>

(Rupees Eight Lakh Sixty Five Thousand Nine Hundred and Fifteen Only)

**I / we agree to carry out the work**

(1) at estimate rate

(2) at.....% above estimate rate

(3) at .....% above estimate rate