

**KITCO LTD
NATIONAL GAMES SECRETARIAT
SPECIFICATION AND SCHEDULE OF QUANTITIES**

**TENDER FOR THE CONSTRUCTION OF LONG JUMP PITS WITH SYNTHETIC RUN UP COURTS AT THIRUVANANTHAPURAM
REGION**

SI.No	Description Of Items	Unit	Quantity	Rate(Rs)	Amount(Rs)
1.00	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	300.00		
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	60.00		
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	32.00		
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	28.00		
5.00	Filling in plinth, under floors, in areas,sides with river sand including watering, ramming, consolidating and dressing etc cost and conveyance of all materials,labour charges,lead,lift etc complete at all levels as directed by the Engineer-in-Charge	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	20.00
6.02	1:2:4 (1 Cement : 2coarse sand : 4 graded stone aggregate 20mm nominal size)	cum	1.00
7.00	Providing and laying in position machine batched, machine mixed and machine vibrated design mix M-25 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 @ 330 kg/cum	cum	7.00
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 up to plinth level as per drawing/specification and as directed by Engineer-in-Charge at all levels.		
	Thermo-Mechanically Treated bars	kg	350.00

- 9.00 Providing and constructing 115mm thick brick masonry in CM 1:4 (1 cement, 4 coarse sand) in partition walls, parapets, etc. with bricks of standard sizes and of approved quality (average compressive strength not less than 50 Kg/cm²) including scaffolding, raking out of joints, curing, cost and conveyance of all materials, lead, lift, etc. complete including providing 2 Nos. of 6mm dia bars as reinforcement at every third layer wherever specified (Reinforcement shall be measured and paid for under relevant item) and as directed by Engineer-in-Charge
- sqm 22.00
- 10.00 Supplying and laying 200 mm thick soling with soling stone of size 150 to 75 mm broken stone and blinding materials, including hand packing and wedging them tightly so that the whole is formed as a solid mass, spreading blinding material in 12mm thick layers and sweeping the same to fill the voids, watering profusely and consolidating with hand rammer/ plate vibrator etc complete as per the direction of Engineer-in-Charge.
- cum 14.00
- 11.00 Design, Supply and installation of long jump Synthetic run up including furnishing all required labor, materials, equipment, implements, parts and supplies necessary for, surfacing in accordance with the specifications and indications on drawings. Layout and paint all track lines and event markings as required and specified by current IAAF and NCAA rules. The work hereunder shall be done and conform to:
1. IAAF- Track and Field Manual
 2. NCAA- Track and Field Rules
 3. ASBA- Track Construction Manual and Guidelines
- Color: Terracotta Red
- Surface is to be a polyurethane bound impermeable sandwich running track surface with an embedded broadcast EPDM rubber finish. Total thickness of finished product shall be an average of 13mm thickness.

The complete installation of a seamless permanently resilient polyurethane-bound synthetic sports surface with a water impermeable, seamless, UV-resistant granulated surface, and joint-free due to an in situ wet-in-wet installation.

The work has to be executed as per specification and or as directed by Engineer - in - Charge

	sqm	68.00	
12.00	Supplying and laying geo textile fabric below sand filling for the long jump/ tripple jump pit for ensuring proper drainage. The rate to include cost of all materials, labour, lead, lift etc complete. The work has to be executed as per specification and or as directed by Engineer - in - Charge	sqm	20.00
13.00	Supplying and laying drainage gravel below sand filling for the long jump/ tripple jump pit for ensuring proper drainage. The rate to include cost of all materials, labour, lead, lift etc complete. The work has to be executed as per specification and or as directed by Engineer - in - Charge	cum	3.00
14.00	Supplying and laying 3" dia perforated pipes below sand filling for the long jump/ tripple jump pit for ensuring proper drainage. The rate to include cost of all materials, labour, lead, lift etc complete. The work has to be executed as per specification and or as directed by Engineer - in - Charge	m	15.00

GRAND TOTAL