

**SCOPE OF WORKS/SPECIFICATION OF  
INDOOR BADMINTON COURT**

SER NO	TYPE OF WORKS	REMARKS
(a)	<p><b><u>Civil work for construction of Indoor badminton court (54x28 ft = 1512 = 2304 SqFt)</u></b></p> <p><b>BASE PREPARATION</b></p> <p>Surface excavation to a depth of 3 to 6 inches getting out in hard/dense soil complete removal all weeds and grass from its roots. Removing existing soil as required weed soil treatment.</p> <ol style="list-style-type: none"> <li>1. Filling of ground to give zero degree level</li> <li>2. Compaction of sub base with vibrator as required to make ground form.</li> <li>3. Grading and even spreading of stone jelly layer consisting of 40 mm compacting for strong base.</li> <li>4. Laying of 50 micron plastic sheet ton restrict moisture.</li> <li>5. Cement Aggregate mix 1:2:4 M 15</li> </ol> <p><b>Steel Prefabricated Roof Shed &amp; Erection of MS Hollow Pipe Square</b></p> <ol style="list-style-type: none"> <li>1. 4 inches x 4 inches x 20 ft</li> <li>2. 2 inches x 2 inches x 20 ft</li> <li>3. 1.5inches x 3 inches x 20 ft</li> <li>4. 2.5inches x2.5 inches x 20 Rft</li> <li>5. 1.5inches x 2.5 inches x 20 Rft</li> <li>6. Steel prefabricated Roof Shed =20 feet x 4feet</li> <li>7. Steel prefabricated vertical Sheet =12 feet x 4feet</li> <li>8. 15 mm x 45 mm Pata</li> <li>9. 8 inches x 8 inches = Flange</li> <li>10. Magri (width 2 ft)</li> <li>11. Panel</li> <li>12. Corner</li> <li>13. Screw (1.5 inches &amp; 2 inches)</li> <li>14. Labour for erection With complete steel structure 56x36x25 as per diagram and iocation.</li> </ol> <p><b>Electric work</b></p> <ol style="list-style-type: none"> <li>1. Placing of PVC pipes for flood lights (including Required Accessories)</li> <li>2. PVC bend and PVC Junction Point (including Required Accessories)</li> <li>3. Forming Control/ Switch Board</li> <li>4. Installing Flood Light (100W)</li> <li>5. Tube Lights 20 W LED</li> <li>6. Installation of TPN &amp; MCB</li> </ol>	



**Badminton court flooring : say 44ft x 22 ft=968 Sqft**

**The Specifications of Teak wood flooring :-**

- **Vapor barrier**- 6 mil Polyethylene shall be laid on the IPS surface as vapor barrier.
- **Runner** - 45mm x 70mm x 1200mm Pine wood shall be laid 350mm c/c distance.
- **Cushion Pads** -10mm cushion pads properly stapled on runner at 350mm c/c distance.
- **Flooring** – Teakwood flooring in size of 20mm x 57mm/63mm/83mm in random length of 300mm to 1200mm, tongue and groove shall be installed over the runner.
- **Sanding** - The floor thus laid shall be machine sanded properly to make the floor smooth.
- **Finish** - Two coats of 1k P.U finish shall be applied along with games lines sandwiched between 1k P.U finish.

**Court Line Marking**

Court Line marking by using hi-tech Line taping machine (provides high Precision of marking) which lays down strips of 1" to 2" wide masking tape from 1 to 4 inches wide. Use imported hi class sports line marking paint (T/C white Line Paint)

**HARD FLOORING WITH TILES 1048 SQ FT**

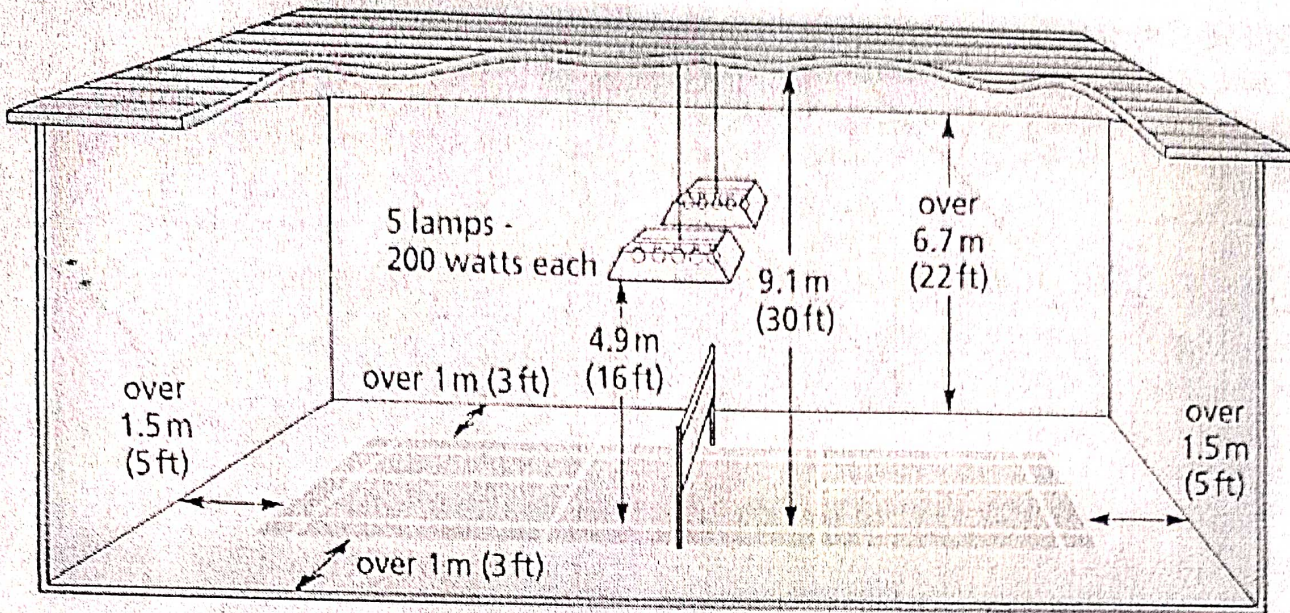
Providing and fixing hard flooring with vitrified tiles and complete fixing material.

**MISCELLANEOUS**

Labor , Earth work site clearance, Lights, net, pole, complete electric fitting , Exhaust/ ventilation fan drain system along the court etc LS.



# Badminton hall and court layout



56ft x 36 ft = 2016 Sqft

