

5077/Tender

09 Aug 2026

M/S -----

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**INVITATION OF TENDER**

**CONSTRUCTION OF SYNTHETIC VOLLEYBALL COURT (EIGHT LAYERS) WITH  
BASE WORK AT APS, NEW CANTT, PRAYAGRAJ**

1. You are invited by the Management of Army Public School, Prayagraj to submit Tender for the above mentioned work described in the accompanying documents.
2. Your tender duly completed may be put in the tender box kept in school administrative block on or before **24 Aug 2026 by 1300 hours** together with all relevant documents sealed in an envelope duly quoted your rates.
3. The following documents are included with this tender invitation:-
  - (a) Part I – General Information about the Tender.
  - (b) Part-II – Specifications/ Scope of work
  - (c) Part-III – Technical bid (**Envelope No. 01**)
  - (d) Part III – Price Bid. (**Envelope No. 02**)
  - (e) Part IV – Terms & Conditions.
4. The Management of Army Public School, Prayagraj doesn't bind itself to accept the lowest nor any tender and may cancel tendering process at any time.

Signature of Contractor

  
Presiding Officer

**PART I – GENERAL INFORMATION ABOUT THE TENDER**

| Sl.No. | Tender for the work of         | Details                                                                                                                                                   |
|--------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Construction work              | Construction Of Synthetic Volleyball Court with Base work at APS, New Cantt, Prayagraj.                                                                   |
| 2.     | Date of Issue of Tender        | <b>09 Aug 2026 to 24 Aug 2026</b> (to be downloaded from school website- <a href="http://www.armypublicschoolalld.org">www.armypublicschoolalld.org</a> ) |
| 3.     | Last Date of Receipt of Tender | <b>24 Aug 2026 (1300hrs)</b>                                                                                                                              |
| 4.     | This Tender Contains           | <b>10 pages</b>                                                                                                                                           |
| 5.     | Time allotted for work         | <b>20 days from date of issue of work order</b>                                                                                                           |
| 6.     | Site of the Work               | Army Public School New Cantt, Prayagraj .                                                                                                                 |
| 7.     | Earnest Money Deposit (EMD)    | <b>2.5% of the project cost.</b> Bank draft to be made in favour of Army Public School New Cantt, Prayagraj.                                              |
| 8.     | Tender Cost                    | <b>Rs. 500/-.</b> Bank draft to be made in favour of Army Public School New Cantt, Prayagraj (Non refundable).                                            |

**NOTE:**

- 1. SITE VISIT IS MANDATORY BEFORE SUBMITTING THE TENDER. QUERY IF, WILL BE ENTERTAINED BY THE SCHOOL AUTHORITY.**

Signature of Contractor

  
 Presiding Officer

|     |                                                                                            |                                                                                                                                                                                                                             |
|-----|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Name of the firm                                                                           |                                                                                                                                                                                                                             |
| 2.  | Address of the head/ registered / branch office                                            |                                                                                                                                                                                                                             |
| 3.  | Phone no.                                                                                  |                                                                                                                                                                                                                             |
| 4.  | Fax no.                                                                                    |                                                                                                                                                                                                                             |
| 5.  | Mobile no.                                                                                 |                                                                                                                                                                                                                             |
| 6.  | PAN NO.                                                                                    | (Enclose Proof)                                                                                                                                                                                                             |
| 7.  | GSTN NO.                                                                                   | (Enclose copy of GSTN No. Registration)                                                                                                                                                                                     |
| 8.  | Registered with govt. agencies                                                             | (Enclose Proof)                                                                                                                                                                                                             |
| 9.  | Your bank account no.                                                                      |                                                                                                                                                                                                                             |
| 10. | Name & address of bank                                                                     |                                                                                                                                                                                                                             |
| 11. | Category of trade                                                                          |                                                                                                                                                                                                                             |
| 12. | Name of the partners / proprietor                                                          |                                                                                                                                                                                                                             |
| 13. | Experience in years in the respective trade(attach work orders executed in past two years) |                                                                                                                                                                                                                             |
| 14. | Single work order during the last two financial years                                      |                                                                                                                                                                                                                             |
| 15. | Payment details (earnest money) and tender cost                                            | Draft no. ....date.....<br><b>Amount _____ (2.5% EMD)</b> Issuing bank name and branch .....<br>Draft no. ....date.....<br><b>Amount Rs 500/- (Rupees five hundred only)</b><br>Issuing bank name and branch .....<br>..... |

### CERTIFICATE

In consideration of my being contractor, I hereby agree that I shall not withdraw, amend or attach any conditions to my tenders submitted to the Office of the SO to Chairman, HQ Purva UP & MP Sub Area before **24 Aug 2026** from the date of issuing work order. Said tenders of acceptance, and I do so, the Principal Army Public School, New Cantt, Prayagraj shall be entitled to forfeit our earnest money deposit along with the tender and remove us from the school work contract without prejudice to any other right or remedy by school for such breach on our part.

### DECLARATION

I ..... (Proprietor/ Partner/Manager) do here by declare that the entire declaration made in the application form is true to the best of my knowledge. [NOTE: - If there any changes in the construction of working of firm, the affecting accuracy of the answer now given, should be promptly communicated to the Principal, Army Public School New Cantt Prayagraj.

Date :  
Place :

Signature of Contractor  
With rubber stamp



## PART II –SPECIFICATIONS/SCOPE OF WORK

### CONSTRUCTION OF SYNTHETIC VOLLEYBALL COURT (EIGHT LAYERS) WITH BASE WORK AT APS, NEW CANTT, PRAYAGRAJ

| S. No | Items/Work                 | Scope of Works/Technical Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty        |
|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1.    | Dimension of Court         | <p style="text-align: center;"><b>Total Area – 60 ft x 30 ft = 1800 Sq ft</b></p> <p>Playing Area : 30 ft x 60 ft = 1800 sq ft<br/>           Safety Zone: 16 ft behind both end lines and 5 ft on both sides.<br/>           Total Area: 92 ft x 40 ft = 3680 sq ft.<br/>           Safety/Run off area : 1880 sq ft.</p>                                                                                                                                                                                                                                                                                                                                                                            | 3680 sq ft |
| 2.    | Soil Treatment             | <p>(a) Excavation of ground upto 9 inches depth from existing ground level over the complete 3680 sq ft area.</p> <p>(b) Removal of all weeds, grass, roots and unsuitable material from the work area.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3680 sq ft |
| 3.    | Civil Work                 | <p>(a) Excavation/dressing, watering and compaction of formation, maintaining a suitable gradient towards drainage and finished level above surrounding area as per site requirement.</p> <p>(b) Application of approved weed killer, anti-termite treatment and soil stabilizer wherever required.</p> <p>(c) Mechanical compaction of sub base by suitable 8-10 ton roller.</p> <p>(d) Providing and laying 150mm thick WMM in properly graded and compacted layer(s), including watering, rolling and filling of voids with approved screenings/quarry materials as required.</p> <p>(e) Providing and laying 100 thick PCC, nominal 1:4:8 or approved equivalent, properly leveled and cured.</p> | 3680 sq ft |
| 4.    | Base/Surfacing Preparation | <p>(a) Thorough cleaning and preparation of finished PCC/base surface before sports surfacing.</p> <p>(b) Fine levelling layer/surface preparation of approximately 2-3mm where required.</p> <p>(c) Surface shall be even, properly graded, sound and ready to receive the synthetic sports system.</p>                                                                                                                                                                                                                                                                                                                                                                                              | 3680 sq ft |
| 5.    | Support/Edge Work          | <p>(a) Provide edge resistant/support where required by side conditions.</p> <p>(b) RCC/brick edge work and finishing, if required, shall be executed as per approved site details.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3680 sq ft |
| 6.    | 8 Layer Volleyball Court   | <p>(a) 01 layer of approved primer/sealer</p> <p>(b) 2 layers of resurfacer</p> <p>(c) 3 layers of cushioning</p> <p>(d) 02 layers of approved color finish over the prepared sports surface.</p> <p>(e) Complete system shall be suitable for outdoor volleyball use and shall be even, non-slip and weather resistant.</p>                                                                                                                                                                                                                                                                                                                                                                          | 3680 sq ft |

| S. No | Items/Work                 | Scope of Works/Technical Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                   | Qty          |
|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 7.    | Fencing                    | (a) 10 ft high GI chain link fencing all around the court.<br>(b) Mesh: 2 inch x 2 inch, approximately 10 gauge or approved equivalent. Vertical posts: 50 NB, 12 gauge or better.<br>(c) Horizontal members: 40 NB, 14 gauge or better.<br>(d) Provide members at base, middle and top, including erection, primer/painting and complete fixing.<br>Calculation $92 \times 2 = 184$ sq ft, $40 \times 2 = 80$ ft, total perimeter = 264ft: $264 \times 10 = 2640$ sq ft. | 2640 Sq ft   |
| 8.    | Flood light                | Two suitable flood light poles with fabricated light frames, LED sports floodlights, foundations, MCB Copper/aluminum wiring, switchboard and complete electrical accessories.                                                                                                                                                                                                                                                                                            | 02 Nos       |
| 9.    | Volleyball Poles           | Complete volleyball poles with sleeves/sockets, base plates, anchor arrangement and net tensioning device.                                                                                                                                                                                                                                                                                                                                                                | 01 Set       |
| 10.   | Volleyball net             | Approved volleyball net with tensioning arrangement and all necessary accessories.                                                                                                                                                                                                                                                                                                                                                                                        | 01 Set       |
| 11.   | Court Marking              | Accurate marking of 60 ft x 30 ft playing court with approved white acrylic/sports marking paint. All court lines shall be 5 inches wide as shown in the drawing.                                                                                                                                                                                                                                                                                                         | As per Court |
| 12.   | Drainage and miscellaneous | Proper drainage around the court, cleaning, debris removal, minor finishing works, transportation, installation consumables and complete handover.                                                                                                                                                                                                                                                                                                                        | Job          |

**Area Summary: Playing Area= 1800 sq ft, Safety/Run off = 1880 sq ft, Total Area = 3680 sq ft, Fencing = 2640 sq ft.**

Signature of Contractor

  
Presiding Officer



**PART III PRICE BID**  
**CONSTRUCTION OF SYNTHETIC VOLLEYBALL COURT (EIGHT LAYERS) WITH BASE**  
**WORK AT APS, NEW CANTT, PRAYAGRAJ**

| S. No | Items/Work                 | Scope of Works/Technical Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty        |
|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1.    | Dimension of Court         | <p style="text-align: center;"><b>Total Area – 60 ft x 30 ft = 1800 Sq ft</b></p> <p>Playing Area : 30 ft x 60 ft = 1800 sq ft<br/>           Safety Zone: 16 ft behind both end lines and 5 ft on both sides.<br/>           Total Area: 92 ft x 40 ft = 3680 sq ft.<br/>           Safety/Run off area : 1880 sq ft.</p>                                                                                                                                                                                                                                                                                                                                                                            | 3680 sq ft |
| 2.    | Soil Treatment             | <p>(a) Excavation of ground upto 9 inches depth from existing ground level over the complete 3680 sq ft area.</p> <p>(b) Removal of all weeds, grass, roots and unsuitable material from the work area.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3680 sq ft |
| 3.    | Civil Work                 | <p>(a) Excavation/dressing, watering and compaction of formation, maintaining a suitable gradient towards drainage and finished level above surrounding area as per site requirement.</p> <p>(b) Application of approved weed killer, anti-termite treatment and soil stabilizer wherever required.</p> <p>(c) Mechanical compaction of sub base by suitable 8-10 ton roller.</p> <p>(d) Providing and laying 150mm thick WMM in properly graded and compacted layer(s), including watering, rolling and filling of voids with approved screenings/quarry materials as required.</p> <p>(e) Providing and laying 100 thick PCC, nominal 1:4:8 or approved equivalent, properly leveled and cured.</p> | 3680 sq ft |
| 4.    | Base/Surfacing Preparation | <p>(a) Thorough cleaning and preparation of finished PCC/base surface before sports surfacing.</p> <p>(b) Fine levelling layer/surface preparation of approximately 2-3mm where required.</p> <p>(c) Surface shall be even, properly graded, sound and ready to receive the synthetic sports system.</p>                                                                                                                                                                                                                                                                                                                                                                                              | 3680 sq ft |
| 5.    | Support/Edge Work          | <p>(a) Provide edge resistant/support where required by side conditions.</p> <p>(b) RCC/brick edge work and finishing, if required, shall be executed as per approved site details.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3680 sq ft |
| 6.    | 8 Layer Volleyball Court   | <p>(a) 01 layer of approved primer/sealer</p> <p>(b) 2 layers of resurfacer</p> <p>(c) 3 layers of cushioning</p> <p>(d) 02 layers of approved color finish over the prepared sports surface.</p> <p>(e) Complete system shall be suitable for outdoor volleyball use and shall be even, non-slip and weather resistant.</p>                                                                                                                                                                                                                                                                                                                                                                          | 3680 sq ft |

| S. No | Items/Work                 | Scope of Works/Technical Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                   | Qty          |
|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 7.    | Fencing                    | (a) 10 ft high GI chain link fencing all around the court.<br>(b) Mesh: 2 inch x 2 inch, approximately 10 gauge or approved equivalent. Vertical posts: 50 NB, 12 gauge or better.<br>(c) Horizontal members: 40 NB, 14 gauge or better.<br>(d) Provide members at base, middle and top, including erection, primer/painting and complete fixing.<br>Calculation $92 \times 2 = 184$ sq ft, $40 \times 2 = 80$ ft, total perimeter = 264ft: $264 \times 10 = 2640$ sq ft. | 2640 Sq ft   |
| 8.    | Flood light                | Two suitable flood light poles with fabricated light frames, LED sports floodlights, foundations, MCB Copper/aluminum wiring, switchboard and complete electrical accessories.                                                                                                                                                                                                                                                                                            | 02 Nos       |
| 9.    | Volleyball Poles           | Complete volleyball poles with sleeves/sockets, base plates, anchor arrangement and net tensioning device.                                                                                                                                                                                                                                                                                                                                                                | 01 Set       |
| 10.   | Volleyball net             | Approved volleyball net with tensioning arrangement and all necessary accessories.                                                                                                                                                                                                                                                                                                                                                                                        | 01 Set       |
| 11.   | Court Marking              | Accurate marking of 60 ft x 30 ft playing court with approved white acrylic/sports marking paint. All court lines shall be 5 inches wide as shown in the drawing.                                                                                                                                                                                                                                                                                                         | As per Court |
| 12.   | Drainage and miscellaneous | Proper drainage around the court, cleaning, debris removal, minor finishing works, transportation, installation consumables and complete handover.                                                                                                                                                                                                                                                                                                                        | Job          |

Area Summary: Playing Area= 1800 sq ft, Safety/Run off = 1880 sq ft, Total Area = 3680 sq ft, Fencing = 2640 sq ft.

**Note: Volleyball drawing corresponding to the submitted 3680 sq ft specifications. All dimensions shall be verified at site before execution.**

**Total Project Cost: Rs.** \_\_\_\_\_

**(Rupees** \_\_\_\_\_

**Defect Liability Period:-**

1. The defect liability period for the job is **one year** from date of completion of work. The Contractor shall be liable to repair any defect noticed during defect liability period without payment of any extra cost to school. The Contractor shall be responsible to attend the defect within 15 days from notice given in writing, failing which the defects will be rectified through another agency at the risk and cost of the Contractor and amount recovered from the Performance Guarantee.

2. 5% of the total contract amount as **Performance Guarantee** will be kept reserve towards defects, if any observed, and will be released on successful completion of **Defect Liability Period**.

Signature of Contractor

  
Presiding officer



## **PART IV – TERMS AND CONDITIONS**

### **(GENERAL INFORMATION, INSTRUCTIONS AND CONDITIONS APPLIED)**

1. Last date and time for issue/depositing this Tender is **24 Aug 2026 1300 Hours**. Tender Bids received after this date and time even by post/ courier will not be entertained.
2. Sealed Bids by authorized contractor should be dropped in the Tender Box. No. responsibility will be taken for postal delay or non-delivery/ non receipt of Bid documents. Bid sent by FAX or e-mail will not be considered. If the tenderer withdraws the tender before the said period or issue of letter of acceptance whichever is earlier or makes modifications in the terms & Condition of the tender which are not acceptable to the competent authority then the competent authority will be at liberty to forfeit 50% of the said earnest money.
3. **Location of the Tender Box.** Office of the SO to Chairman (ST Branch), HQ Purva UP & MP Sub Area.
4. **Forwarding of Bids.** Bids should be forwarded by contractors on the prescribed format attached with the tender separately as technical and price bids. The technical bid should include the following details:-
  - (a) Technical Specifications.
  - (b) GSTN Number
  - (c) Bank Account No.
  - (d) Bank Address
  - (e) Complete Postal Address of Office.
  - (f) Office Landline and Mobile Phone Nos.
  - (g) E-mail Address of office (Optional).
  - (h) Experience : Experience of construction of similar type of project will be given priority.
5. **Rejection of Bids.** Canvassing by the Contractors in any form, Unsolicited letter and post tender correction may invoke summary rejection with forfeiture of Earnest Money Deposit (EMD) conditional tenders will be rejected.
6. **Validity of Bids.** The Bids should remain valid for 90 days from the date of submission of bids.
7. **Earnest Money Deposit.** The tenderers' have to submit **2.5% of project cost** in the form of Bank Draft in favour of " ARMY PUBLIC SCHOOL, NEW CANTT, PRAYAGRAJ" payable at PRAYAGRAJ as EMD. The unsuccessful Contractors will be returned to them without any interest at the earliest on or before the 30<sup>th</sup> day after the award of the contract.
8. All the Tax will be deducted at the time of any payments as per defined/ eligible tax rate and authority will give proper documents of depositing the same amount to contractor/ suppliers.
9. The tenderers have to quote their rates both in figures and words. The rates quoted in the tender should be inclusive of all freight, taxes, service tax, GST and other incidental charges if any (i.e. F.O.R. School campus).
10. Every page of the tender should be signed (full signature) and rubber stamped by the tenderer. It should also be signed wherever there is overwriting and cutting.
11. All works services will be according to specification as per tender paper or subject to approval by the Board of Officers.



12. The successful contractor is solely responsible for the materials and labour necessary for the completion of work.

13. The Contractor is responsible for periodic cleaning of the site during the construction process and removal of all construction material and debris at all time necessary, during and at the end of construction period.

14. The Contractor is responsible for ensuring all safety and security measure to be adhered to on site during the construction process including the safety of all students, staff and workmen along with the security of the site. Contractor will ensure that necessary screens are erected at work site to segregate the construction area from the school premises and ensure no access to students at the site of construction during the construction phase.

15. The Contractor is required to ensure that measures are put in place to mitigate against all potential social and environmental impacts that can arise as a result of the use of equipment and machinery associated with the construction of the project.

16. The Contractor shall be deemed to have examined all documents, conditions of contract and to have acquainted himself with the detailed descriptions of the work to be done and the way in which they are to be carried out.

17. The Contractor shall be deemed to have visited the site before preparing his tender and to have examined for himself the conditions under which the works will be processed and all other matters affecting the carrying out the work and cost thereof.

18. The Contractor will maintain records of minimum wages to their labour any dispute in this regards will be dealt with directly by him and not by the school.

19. The tender forms will be issued to the interested parties only after receipt of application for issue of tender from Contractor and after satisfying the credentials of the person/ party.

20. The Contractor, whose tender is accepted, will be required to furnish performance guarantee of ten percent (5%) of the tendered amount and a sum @ 5% of the gross amount of the bill shall be deducted from final bill and will be kept for one year.

21. **The Construction work should be completed within 20 days of receipt of work order.**

22. In case the work is not completed within the stipulated time frame, liquidated charges at the rate of 1% per week will be imposed on the Contractor subject to maximum of 10% of contract value. This amount will be adjusted from the bill of the Contractor.

23. The competent authority doesn't bind to accept the lowest or any other tender and reserves right to reject any or all the tenders received without the assignment of a person.

24. The Contractor shall submit minimum four progress report during the execution of work. This report shall be prepared in direct relation to the time stated in the contract documents for completion of items of work. A separate report will be given by the Contractor be made in writing by the Contractor.

Signature of Contractor

  
Presiding Officer

25. **Terms of Payments.** 95% cost of the total project will be paid on completion of the project after physical verification by a Board of Officers. Bal 5% of the total contract amount shall be paid after completion of defect liability period of contract i.e. one year successful completion of the work and rectification of defects, if noticed during the defect liability period.

26. **In case of any dispute, the decision given by the Management/Principal will be final and binding.**

Signature of Contractor



Presiding Officer

The diagram illustrates the layout of a volleyball court. The overall dimensions are 40'-0" in width and 92'-0" in length. The playing area is 8'-0" wide and 60'-0" long. The court is divided into two halves by a center line, with each half containing a service area and an attack line. The net is positioned in the center, and the net line is marked on each side. The minimum free zone is 16'-0" on all sides, and the minimum free zone is 5'-0" on the sides adjacent to the playing area.

**Dimensions:**

- Overall Dimensions:** 40'-0" (Total Width including Free Zone), 92'-0" (Total Length including Free Zone)
- Playing Area:** 8'-0" (Width), 60'-0" (Length)
- Free Zones:** 16'-0" (Minimum Free Zone on all sides), 5'-0" (Minimum Free Zone on sides adjacent to playing area)

**Key Areas and Lines:**

- Service Area:** The area where the server stands to serve the ball.
- Attack Line:** The line that the attacker must not cross before hitting the ball.
- Center Line:** The line that divides the court into two halves.
- Net Line:** The line that marks the position of the net.
- Net:** The net is positioned in the center of the court.

5"

CENTER LINE

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
2. ALL COURT LINES SHALL BE 5 INCH WIDE WITH WHITE ACRYLIC PAINT
3. SURFACE SHALL BE EVEN, NON-SLIP AND WEATHER RESISTANT
4. PROVIDE PROPER DRAINAGE AROUND THE COURT.
5. NET POSTS SHALL BE STRONG, RUST RESISTANT AND PROVIDED WITH TENSIONING DEVICE.
6. ALL MATERIALS AND WORKMANSHIP SHALL CONFIRM TO RELEVANT IS CODE.

A diagram showing a horizontal line with a vertical line intersecting it. The horizontal line is labeled "SERVICE LINE". The distance from the vertical line to the right end of the horizontal line is labeled "5'". The distance from the vertical line to the left end of the horizontal line is labeled "15'".

A diagram showing a vertical line segment with a horizontal segment at the top. A dimension line to the right of the vertical segment is labeled  $5'$ .

Diagram illustrating the vertical arrangement of floats on a net line. The top float is positioned 6 inches from the net line, and the bottom float is positioned 5 inches from the net line. The net line is labeled "NET LINE".

(ENLARGED SECTION)

**NOTE:**

1. ALL DIMENSIONS ARE IN FEET.
2. ALL LINES SHALL BE 5 INCH WIDE.
3. MINIMUM FREE ZONE.

|       |          |
|-------|----------|
| SIDES | : 5'-0"  |
| ENDS  | : 16'-0" |

- **Playing Area (Court):** 60 ft (L) x 30 ft (W)

- **Playing Area (Court):** 60 ft (L) x 30 ft (W)
- **Safety / Free Zone:**
  - 5 ft on both sides
  - 16 ft behind each end line
- **Total Area:** 92 ft (L) x 40 ft (W)

\_\_\_\_\_ : PLAYING LINE  
 ----- : ATTACK LINE / CENTER LINE  
 ○ : NET POST LOCATION

**9. SURFACE BUILD-UP SECTION**

ACRYLIC COAT MARKING PAINT  
(5" LINE WIDTH)  
ACRYLIC / PU SPORTS SURFACE  
(8 LAYER SYSTEM)  
FINE LEVELLING LAYER  
(2 - 3 mm)  
PCC LAYER (100 mm)  
COMPACTED SUBGRADE  
(95% MDD)

A diagram of a stepped L-shaped profile. The vertical leg on the left has a height of 5 units. The horizontal leg on the right has a width of 5 units. The total width of the profile is 5 units, and the total height is 5 units.

THIS DRAWING IS ONLY FOR CONSTRUCTION PURPOSE

## PLAIN CEMENT CONCRETE

Diagram of a rectangular area divided into four equal squares. The total width is labeled as 92'-0" and the total height is labeled as 40'-0".

# VOLLEYBALL COURT CONSTRUCTION DRAWING

SCALE:  
AS SHOWN

## DATE: \_\_\_\_\_

## DRAWN:

### VOLLEYBALL COURT DETAILS

NET POST  
 $\varnothing 114$  mm  
 (SCHEDULE 40 GI PIPE)

ANCHOR BOLTS  
 4 NOS. M16  
 WITH NUTS & WASHERS

RCC COLUMN  
 200 x 200 x 1000

RCC FOOTING  
 450 x 450 x 400

PCC BASE  
 750 x 750 x 100  
 (1:4:8)

1000  
 100 400 100  
 100 450 150  
 750

## 12. MATERIAL SPECIFICATIONS

- ACRYLIC / PU SPORTS SURFACE
- ACRYLIC COURT MARKING PAINT
- PORTLAND CEMENT (OPC 43 GRADE)
- CRUSHED AGGREGATE
- COMPACTED SOIL
- SUBGRADE SOIL (COMPACTED)
- MS / GI NET POST WITH POWDER COATED FINISH
- SS ANCHOR BOLTS & NUTS

| Sr No | DESCRIPTION                     | UNIT  | QTY  | REMARKS          |
|-------|---------------------------------|-------|------|------------------|
| 1     | EXCAVATION                      | Cum   | -    | AS PER SITE      |
| 2     | COMPACTED SUBGRADE              | Sqm   | -    | -                |
| 3     | POC LAYER (100 mm)              | Cum   | -    | -                |
| 4     | ACRYLIC / PU SPORTS SURFACE     | Sqft  | 3680 | # LAYER # SYSTEM |
| 5     | ACRYLIC COURT MARKING           | Paint | -    | 5" WIDE          |
| 6     | NET POST (Ø PIPE Ø114 mm)       | Nos.  | 2    | WITH BASE PLATE  |
| 7     | NET & ACCESSORIES               | Sct   | 1    | COMPLETE         |
| 8     | FLOOD LIGHT POLE & LIGHT        | Sct   | 2    | COMPLETE         |
| 9     | VOLLEYBALL POLES (WITH SLEEVES) | Sct   | 1    | COMPLETE         |
| 10    | FENCING (10'-Ø'-HIGH)           | Sqft  | 2640 | Ø CHAIN LINK     |
| 11    | MISCELLANEOUS                   | LS    | 1    | -                |