



NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 15

Estate Maintenance Department

Web site : www.nitt.edu

NOTICE FOR CORRIGENDUM

The date of receipt of tender for the following is extended up to 3.00 P.M on 09.09.2009

NOTICE INVITING TENDERS NO: NITT/EM/EO/Civil works / Est.Id .No.41

Ref: NITT/EM/EO/ Civil works /26 B /Ed.No.41/ 09-10

Date:10.08.2009

The Estate officer, Estate Maintenance Department , NIT,Trichy- 620 015 invites on behalf of The Director, NIT,Trichy-620 015 sealed item rate tenders from the registered contractors/specialists firms who got experience in construction of Basket ball and volley ball courts as per international specifications up to **3.00 P.M on 09.09.2009** for the work. The tender will be opened by the Registrar at his chamber.

Sealed tenders will be received by the **Director, National Institute of Technology** at his Office at National Institute of Technology, Trichy-15 up to **12.00 PM on 09.09.2009** for the works given below

Details

Sl. No	Name of work	Estimate Cost Rs.	E.M.D Rs.	Date of opening the tenders	Time limit	Tender cost Rs.
1	Construction of basket ball and volley ball court at NITT	87,1290/-	8,800/-	09.09.2009	75 Days	216/-

Tender forms will be issued to specialists firms who got experience in construction of Basket ball and volley ball court as per international specifications. They have to produce definite proof from appropriate authority of having satisfactorily completed three similar works of value Rs.5 lakh each during the last five years ending April- 2009. Other details in this regard may be seen in the office of the Estate officer, Estate Maintenance Dept, NIT, Trichy-15 during office hours on any working days.

The tender should accompany, **earnest money and tender cost** a sum of rupees as detailed above through a **demand draft payable at State Bank of India, NITT Branch** in favor of **Director, National Institute of Technology, Trichy-15**. This earnest money will be refunded to the unsuccessful tenders on application after intimation is sent or rejection of the tenderer or at the expiration of two months from date of tender, which ever is earlier. The earnest money will be retained in the case of the successful tenderer and will not carry any interest. It will be dealt with as provided in the conditions attached to the tender.

Tenders must be submitted in sealed covers and should be addressed to the Registrar, National Institute of Technology, Trichy and the name of the tenderer name of the work and Ref .No. being noted on the cover.

Estate officer

To

Copy submitted to The Director, NIT for kind information

NITT web site Details of tender may be seen at web <http://www.nit.edu>.

Estate Maintenance department Notice board

Estate officer

Specification :

The work in general carried out as per CPWD specification with upto date correction 1996 vol.1 to 6

1. Basket ball court

a) Back board :

- 1) The back board shall be made of suitable transparent materials, (Preferable tempered safety glass) made in one piece and shall be non reflective.

b) Back board :

- 1) The rings shall be manufactured from solid steel.
- 2) A force of 1000N shall be applied vertically to the top of the ring at the most distant point from the back board.

Condition:

1. Other registered contractors except specialist firms, should employ Technical consultant who got experience in the relevant field for which credentials should be produced after award of work.
2. The costs towards less executed than the specifications mentioned in the nomenclature of completed item, will be adjusted at local market rate.

Estate Officer



NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 15

Estate Maintenance Department

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SCHEDULE OF QUANTITY

Name of work : Construction of Basket ball and volley ball courts at NIT Trichy
Ref : NITT/EM/EO/ Civil works /26 B /Ed.No.41/ 09-10, dated10.08.2009
Name of the Agency/ Contractor :

Sl. No	Description of works	Qty	Rate in Fig and words	Unit	Amount
1	<p>Making Basket Ball court of size 19.00m x 32.00m with RCC posts etc., complete as per following specification and costs included:</p> <p>1. The above area should be divided into 16 panels.</p> <p>2..1 Earth work excavation for 45cm width and 60cm depth for panel walls.</p> <p>2.2 Earth work excavation for 2 nos. of posts' foundation should be 1.5m x1.5m x 1.5m in size.</p>				

	<p>3.1 15 cm thick river sand filling under panel wall and RCC posts and foundation.</p> <p>3.2 15 cm thick river sand filling under panel wall and RCC</p> <p>4.1 15cm thick Cement Concrete 1:5:10 (1 Cement: 5 Coarse sand: 10 stone aggregate 40mm nominal size) for panel wall foundation and posts foundation.</p> <p>4.2 15cm thick Cement Concrete 1: 5:10 (1 Cement: 5 Coarse sand: 10 stone aggregate 40mm nominal size) under CC panel flooring.</p> <p>5. Reinforcement:</p> <p>5.1 Reinforcement as per design using 16mm, 12mm and 8mm TMT bars.</p> <p>5.2 For floor panels minimum reinforcement mat with 6mm M.S rod should be used as per design.</p> <p>6. 10cm tk.Reinforcement Cement Concrete 1:2:4 (1Cement : 2 sand : 4 stone aggregate 20mm nominal size) over panel.</p> <p>7 Brick work in Cement Mortar 1:6 using 35 class designation</p> <p>7.1 Foundation for panel wall: Below ground level = 22.5 cm x 30cm</p> <p>7.2 Above ground level = 22.5 cm x 30cm</p>				
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	<p>8 Court Flooring :</p> <p>8.1 25 mm thick Cement Concrete flooring 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate).</p> <p>8.2 Providing and fixing glass strips of size of 25mm x6mm in panel joints.</p> <p>8.3 Basket ball Posts should be pre mould , self finished RCC one.</p> <p>8.4 Reinforcement Cement Concrete post should cast for 4275 mm total height, breadth of the post 400 mm at the bottom, and 300mm at the top and thickness of post 300mm at the bottom and 200mm at the top.</p> <p>8.5 The pillar should be erected to the a depth of 1200 mm in to the ground. The length of cantilever portion in total Height of post is 3100mm.</p> <p>8.6 The posts should erected using crane with out any damage.</p> <p>9.1 Basket ball back board support should be as per International basket ball Federation (FIBA) norms.</p> <p>9.2 The back board should be fixed at the end of the pillar so that the board should be 1200mm from the end line of the court.</p> <p>9.3 The back board is of size 1800mm x 1050 mm should be of Agralic see through fiber board (Code No.BB - 06) of thickness 25 mm and supported with M.S. Angle 50x50x5mm.</p>				
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<p>9.4 The back board line is stick with the white stickers.</p> <p>9.5 Glass back boards shall have a protective frame work around the edges.</p> <p>9.6 The board should be fixed at the height of 3050 mm and the bouce should be even. The board should be drilled only 4 no' of holes for fixing the same and the board should not be mount .</p> <p>9.7 All back board should drawn in white colour for 50 mm tk.</p> <p>10 The ring size of 450 mm to 457 mm in diameter of circular shape and made with 16mm to 20mm dia rod including net should be supplied.</p> <p>11. Curing of cement works should be done to required period.</p> <p>12 Priming the steel works with Red Oxide zinc chromate primer and the same with synthetic enamel paint. Reinforcement Cement Concrete posts should painted with premium Acrylic smooth exterior paint. The playing court should be marked with standard marking paints as per standard specifications. The painting should be done to an even shade .</p> <p>13 Rate quoted is all inclusive of tax, package charges and transport etc complete.</p>	<p>one Job</p>		<p>Each</p>	
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2	<p>Making volley ball court ground of size 15 m x 24 m as per international rules playing area is 9.00 m x 18.00 m x 12 mm depth with the following specifications and cost included :</p> <ol style="list-style-type: none"> 1) Earth work excavation up to 10 Cm. 2) Filling with sand and red earth in 1:3 mix to 10cm depth. 3) Toe wall with half brick work in Cement Mortar 1:6 (1 Cement : 6 Coarse sand) around up to 100mm height. 4) Providing and erecting 75mm dia M.S pipe posts (2 No's) of total height of 2.55 meter each including earth work, Cement Concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm size) and refilling etc complete. 6) Brick work shall be plaster with Cement Mortar 1:6 (1 cement: 6 sand) and painted with exterior Acrylic paint. 7) Curing should be done to the required period. 8) Priming and painting with Red Oxide Zinc Chromate and painting with synthetic enamel paint of M.S pipes should be done. The playing court should be marked as per standard marking paints as per standard specification. The painting should be done to an even shade . 9) Rate quoted is all inclusive of tax, package charges and transport etc complete.. 	4 Jobs		Each	
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Signature of the Agency/ Contractor :

Estate Officer