



**NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015**  
**ESTATE MAINTENANCE DEPARTMENT**

Web site : [www.nitt.edu](http://www.nitt.edu)

**Ref: NITT/EM//Civil Works /No- / 12-13**

Date.01.10.2013

The Chief of works, Estate Maintenance Department , NIT,Trichirappalli- 620 015 invites on behalf of The Director, NIT,Trichirappalli--620 015 sealed item rate tenders from the approved and eligible contractors of NITT/CPWD and those in the appropriate list of Tamil nadu state PWD, Railways, MES and BSNL for the following work. Sealed tenders will be received by the **Registrar, National Institute of Technology** at his Office at National Institute of technology, Trichirappalli--15 up to **3.00 p.m on 10.10.2013.** The tender will be opened in the office of the Registrar.

Details

Enq No.	Est Id. No.	Name of work & Location	Estimate cost put to tender (Rs)	Earnest Money (Rs)	Tender cost (Rs)	Last date and time of submission of Tender	Time and date of opening of tender
55	62	<b>Providing Cycle parking shed to in front of Mega mess II</b>	7,14,725/-	14,300 /-	575/-	Up to 2.00 PM on 10.10.2013	At 3.30 PM on 10.10.2013

The tender should accompany, Earnest Money Deposit and Tender cost as detailed above through two different Demand Drafts payable at State Bank of India, NITT Branch in favor of The Director, National Institute of Technology, Trichy-15. This earnest money will be refunded to the unsuccessful tenderer or rejection of the tender or at the expiry of two months from date of tender, whichever is earlier. The earnest money will be retained in the case of the successful tenderer and will not carry any interest.

Tender must be submitted in sealed covers and should be addressed to The Director, National Institute of Technology, Trichirappalli-15 and the name of the tenderer, name of the work and Ref.No. being noted on the cover.

Sd

**Chief of Works/EMD**

Copy submitted to : The Director, NIT for kind information  
NITT web site Details of tender may be seen at web http : [www.nit.edu](http://www.nit.edu).  
Estate maintenance Department Notice board

## SCHEDULE

Name of Work : **Providing Cycle parking shed to in front of Mega mess II**

Sl.No	Description of Work	Quantity	Unit	Rate (Rs)	Rate (In Words)	Amount (Rs)
1. 1.1	Earth work in excavation by mechanical means (Hydraulic Excavator )/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	32	Cum			
2	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	3	Cum			
3	Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer –in- charge, including compacting each layer by rolling/ ramming and watering , all complete as per drawing and direction of Engineer -in - charge.	40	Cum			
4	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level :					
4.1	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	5	Cum			
5	Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing.					

5.1	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	7	Cum			
6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement :					
6.1	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	10	Cum			
7	Centring and shuttering including strutting, propping etc. and removal of form for :					
7.1	Foundations, footings, bases of columns, etc. for mass concrete.	40	Sqm			
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
8.1	Cold twisted bars	120	Kg			
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
9.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	11	Cum			
10	Steel work in built up tubular ( round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					
10.1	Hot finished welded type tubes	3200	Kg			
11	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	100	Kg			

12	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm + 0.05 %, total coated thickness with zinc coating 120 gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	150	Sqm			
13	12 mm cement plaster of mix :					
13.1	1:6 (1 cement : 6 fine sand)	20	Sqm			
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	70	Sqm			
14.1	Two or more coats on new work					
15	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of fine sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	330	Sqm			

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Chief of Works