



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015

ESTATE MAINTENANCE DEPARTMENT

**NOTICE INVITING TENDERS NO: NITT/EMD//Civil / 2015**

**TENDER NOTIFICATION**

**Ref: NIT-T/EMD/ EO/Civil Works / 2015**

**Date.22.09.2015**

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 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, Tiruchirappalli-15 up to **3.00 p.m on 05.10.2015**. The tender will be opened at 3.30.p.m of Registrar Office, in the presence of tenders who choose to present.

En.No	Est. Id No	Name of work	Estimate Cost Rs.	E.M.D Rs.	Last Date for submission of tenders	Tender cost
29	71	Special works for erection of UTM for Structural lab at Civil Engineering Department.	2,55,615/-	5200/-	05.10.2015	150/-

Tender details in this regard may also be seen in the Notice board of office of the Estate office, Estate Maintenance Department, NIT, Trichy -15 during office hours on any working days.

The tender document can be downloaded from the Institute Web Site [www.nitt.edu/home/others/tenders/](http://www.nitt.edu/home/others/tenders/). The tender cost and Earnest money should be enclosed along with tender schedule in the form of separate Demand Draft of any Nationalized bank Drawn in favour of **“The Director, NIT,Trichy – 15**.

**-Sd-  
Estate Officer**

**NAIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620015**  
**DEPARTMENT OF ESTATE MAINTRNANCE**

**TENDER DOCUMENT**

**N/W** : Special works for erection of UTM for structural lab @ Civil Engineering. Department.

**Ref** : NITT/EMD/EO/Civil Works/En. No.29(71)/15-16,dated 22.09.2015

**Due On - 05.10.2015**

**Name of the Agency :**

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1.1	Supplying and filling in plinth with river sand under floors, including watering, ramming, consolidating and dressing complete.	<b>1.00</b>	<b>Cum</b>			
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	<b>1.00</b>	<b>Cum</b>			
2.1.1	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)					
3.1	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	<b>7.10</b>	<b>Cum</b>			
3.2	Centering and shuttering including strutting, propping etc. and removal of form for :					
3.2.1	Foundations, footings, bases of columns, etc. for mass concrete	<b>5.00</b>	<b>Sqm</b>			
3.2.2	Suspended floors, roofs, landings, balconies and access platform	<b>24.00</b>	<b>Sqm</b>			
3.2.3	Lintels, beams, plinth beams, girders, bressumers and cantilevers	<b>14.00</b>	<b>Sqm</b>			

3.2.4	Columns, Pillars, Piers, Abutments, Posts and Struts	<b>5.00</b>	<b>Sqm</b>			
3.3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	<b>730.00</b>	<b>Kg</b>			
3.3.1	Thermo-Mechanically Treated bars					
4.1	Brick work with common burnt clay F.P.S (non modular) bricks of class designation 3.5 in superstructure above plinth level up to floor V level in all shapes and sizes in:	<b>9.00</b>	<b>Cum</b>			
4.1.1	Cement mortar 1:4 (1 cement :4 coarse sand)					
5.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately).	<b>0.15</b>	<b>Cum</b>			
5.1.1	Second class country wood					
5.2	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	<b>1.00</b>	<b>Each</b>			
5.3	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :	<b>4.00</b>	<b>Each</b>			
5.3.1	150 x 10 mm					
5.4	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :	<b>4.00</b>	<b>Each</b>			
5.4.1	100 mm					
5.5	Providing and fixing cup board shutters with 25 mm thick veneered particle board IS : 3097 marked, exterior grade (Grade D), of approved make, including IInd class teak wood lipping of 25 mm wide x 12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of Engineer-in-Charge.	<b>4.50</b>	<b>Sqm</b>			
5.5.1	With non-decorative veneering on both sides					

6.1	12 mm cement plaster of mix :	<b>24.00</b>	<b>Sqm</b>			
6.1.1	1:4 (1 cement: 4 fine sand)					
6.1.2	1:6 (1 cement: 6 fine sand)	<b>80.00</b>	<b>Sqm</b>			
6.2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :	<b>110.00</b>	<b>Sqm</b>			
6.2.1	Water thinnable cement primer					
6.3	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.	<b>20.00</b>	<b>Sqm</b>			
6.3.1	On Concrete work					
6.4	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :	<b>80.00</b>	<b>Sqm</b>			
6.4.1	Two or more coats on new work					
7.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	<b>8.00</b>	<b>Cum</b>			
7.1.1	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)					
7.2	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	<b>8.00</b>	<b>Cum</b>			
8.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :	<b>9.00</b>	<b>Kg</b>			
8.1.1	For fixed portion					

8.1.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)					
8.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)	<b>21.00</b>	<b>Kg</b>			
8.1.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)					
8.2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.	<b>2.00</b>	<b>Sqm</b>			
8.2.1	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side					
8.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):	<b>2.00</b>	<b>Sqm</b>			
8.3.1	With float glass panes of 5.0 mm thickness					

**SIGNATURE OF CONTRACTOR**