



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015

ESTATE MAINTENANCE DEPARTMENT

**NOTICE INVITING TENDERS**

**TENDER NOTIFICATION**

**Ref: NITT/EO/EMD/Civil Works/En. No. 38 & 39/ 2015 -16**

**Date: 08.01.2016**

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 20.01.2016**. The tender will be **opened at 3.30. p.m on 20.01.2016** at **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
38	96	Laying floor tiles for Chemical Engineering Department lab, EEE Dept. and Hospital	3,92,733/-	7,900/-	20.01.2016	150/-
39	97	Repairing MS Steel window & providing glass panes to OPAL A, B,C,D & E blocks (Total 5 No's)	3,30,330/-	6,700/-	20.01.2016	Rs.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:** Laying floor tiles for Chemical Engineering Department lab, EEE Dept. and Hospital.

**Ref :** NITT/EMD/EO/Civil Works/En. No.38(96)/15-16,dated 08.01.2016

**Due On – 20.01.2016**

**Name of the Agency :**

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1.1	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion):	<b>400.00</b>	<b>Sqm</b>			
1.1.1	All kinds of Soil Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor :					
1.1.1.1	With Chlorpyriphos / Lindane E.C. 20% with 1% concentration					
2.1	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.	<b>22.00</b>	<b>Sqm</b>			

2.2.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).	<b>9.00</b>	<b>Sqm</b>			
2.2.1	Size of Tile 600x600 mm					
2.3	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.	<b>170.00</b>	<b>Sqm</b>			
2.3.1	Size of Tile 600x600 mm					
2.4	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622 , of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).	<b>160.00</b>	<b>Sqm</b>			
2.4.1	Size of Tile 600x600 mm					

3.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead	<b>22.00</b>	<b>Sqm</b>			
3.1.1	For thickness of tiles 10 mm to 25 mm					
3.2	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>2.50</b>	<b>Cum</b>			
<b>Total</b>						

**SIGNATURE OF CONTRACTOR**

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

N/W : Repairing MS Steel window & providing glass panes to OPAL A, B,C,D & E blocks (Total 5 No's)

Ref : NITT/EMD/EO/Civil Works/En. No.39(97)/15-16,dated 08.01.2016

**Due On – 20.01.2016**

**Name of the Agency :**

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
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>			
1.1	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)					
2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters :	<b>5.00</b>	<b>Sqm</b>			
2.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws					

3	Providing and fixing aluminium sliding door 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 nuts and screws etc. complete :	<b>1.00</b>	<b>Each</b>			
3.1	300x16 mm					
4	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>12.00</b>	<b>Each</b>			
4.1	150x10 mm					
5	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>14.00</b>	<b>Each</b>			
5.1	100 mm					
6	Providing and fixing to existing door frames.					

6.1	<p>24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (<math>\pm</math> 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (<math>\pm</math> 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (<math>\pm</math> 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (<math>\pm</math> 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).</p>	<b>7.00</b>	<b>Sqm</b>			
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7	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.	<b>15.00</b>	<b>Metre</b>			
7.1	110 mm diameter					
8	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.	<b>4.00</b>	<b>Each</b>			
8.1	Bend 87.5°					
8.1.1	110 mm bend					
8.2	Shoe (Plain)	<b>4.00</b>	<b>Each</b>			
8.2.1	110 mm Shoe					
9	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.	<b>12.00</b>	<b>each</b>			
9.1	110 mm					



10	Applying priming coat :	<b>7.00</b>	<b>Sqm</b>			
10.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)					
11	Renewing glass panes, with wooden fillets wherever necessary:	<b>85.00</b>	<b>Sqm</b>			
11.1	Float glass panes of thickness 4 mm					
12	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer- in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.	<b>140.00</b>	<b>Sqm</b>			
13	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	<b>27.00</b>	<b>Sqm</b>			
13.1	For thickness of tiles 10 mm to 25 mm					

14	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.	<b>26.00</b>	<b>Each</b>			
14.1	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms					
15	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	<b>1000.00</b>	<b>Per Litre</b>			
16	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.	<b>1.00</b>	<b>Each</b>			
16.1	25 mm nominal bore, 152mm long, weighing not less than 440 gms					
17	Providing and fixing of fastener screws of 100mm length 50mm dia to RCC pillars etc complete. rate including cost of all materials and labour charges etc complete.	<b>200.00</b>	<b>Each</b>			
18	Providing and fixing of PVC coated with GI wire in between RCC column for cloth drying etc. rate including cost of all materials and labour charges etc complete.	<b>200.00</b>	<b>Each</b>			

19	Providing and fixing MS Heel to existing window including removal of old damaged existing heel with necessary grinding & welding as per the direction of Engineer-in-charge.	<b>340.00</b>	<b>Each</b>			
20	Providing and fixing MS handle to existing window with necessary grinding & welding as per the direction of Engineer-in-charge.	<b>170.00</b>	<b>Each</b>			
21	Providing and fixing MS Stay rod to existing window with necessary grinding & welding as per the direction of Engineer-in-charge.	<b>130.00</b>	<b>Each</b>			
22	Removing & Repairing the existing MS window shutter including necessary grinding & welding etc and refixing the shutter with proper position as per the direction of Engineer-in-charge.	<b>75.00</b>	<b>Each</b>			
23	Repairing the PVC sliding door shutter including removing and refixing in good condition with necessary aluminum sliding channels etc complete	<b>4.00</b>	<b>Each</b>			
<b>TOTAL</b>						

**SIGNATURE OF CONTRACTOR**