



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015

ESTATE MAINTENANCE DEPARTMENT

TENDER NOTIFICATION

Ref: NITT/EMD/ EO/Civil Works /En.No.7/15-16

Date.16.10.2015

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 works. Sealed tenders will be received by the Registrar, National Institute of Technology, Tiruchirappalli-15 up to **3.00 p.m on 02.11.2015**. The tender will be **opened on the same day at 3.30.p.m** in the **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
7.1	73	Providing SS hand rails and cut stone for OJAS Quadrangle stages.	9,50,677/-	19,100/-	02.11.2015	150/-
7.2	74	Renovation of EEE department faculty rooms at Physics Annex Building	9,40,660/-	18,900/-	02.11.2015	150/-
7.3	75	Providing and fixing Mosquito net to windows in rooms at Amber - A hostel	9,12,750/-	18,300/-	02.11.2015	150/-
7.4	76	Providing and fixing Mosquito net to windows in rooms at Amber – B hostel	9,12,750/-	18,300/-	02.11.2015	150/-

Tender details in this regard may also be seen in the Notice board of office of the Estate officer, 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/.

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: Providing SS hand rails and cut stone for OJAS Quadrangle stages.

Ref : NITT/EMD/EO/Civil Works/En. No.7.1(73)/15-16, dated 16.10.2015

Due On – 02.11.2015

Name of the Agency :

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1.1	Stone tile work for wall lining upto 10 m height with special adhesive over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement with an admixture of pigment to match the stone shade	90.00	Sqm			
1.1.1	8mm thick (mirror polished and machine cut edge)					
1.1.1.1	Granite stone of any colour and shade					
2.1	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.	45.00	Sqm			
2.1.1	Centering and shuttering including strutting, propping etc. and removal of form for : Granite stone of any colour and shade					
2.1.1.1	Area of slab over 0.50 sqm					

3.1	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	636.00	Kg			
4.1	Supplying and laying 40 mm thick fine dressed Cut stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1cement : 5 coarse sand) with joints finished flush. - White Cut stone	53.00	Sqm			

SIGNATURE OF CONTRACTOR

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

TENDER DOCUMENT

N/W: Renovation of EEE department faculty rooms at Physics Annex Building.

Ref : NITT/EMD/EO/Civil Works/En. No.7.2(74)/15-16,dated 16.10.2015

Due On – 02.11.2015

Name of the Agency :

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.	2.10	Cum			
1.1.1	All kinds of soil					
1.2	Supplying and filling in plinth with river sand under floors, including watering, ramming, consolidating and dressing complete.	0.30	Cum			
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 :	0.30	Cum			
2.1.1	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)					
3.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 3.5 in foundation and plinth in:	0.72	Cum			
3.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)					
3.2	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 :	5.00	Cum			
3.2.1	Cement mortar 1:6 (1 cement : 6 coarse sand)					
4.1	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI,	3.00	Each			

	IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.					
4.2	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 :	5.00	Each			
4.2.1	150 x10 mm					
4.3	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 :	5.00	Each			
4.3.1	100 mm					
5.1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.	330.00	Kg			
5.1.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works					
6.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.	10.00	Sqm			
6.1.1	40 mm thick with 20 mm nominal size stone aggregate					
6.2	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).	7.50	Sqm			
6.2.1	Size of Tile 600x600 mm					

6.3	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.	155.00	Sqm			
6.3.1	Size of Tile 600x600 mm					
6.4	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).	155.00	Sqm			
6.4.1	Size of Tile 600x600 mm					
7.1	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes ,	55.00	Sqm			

	finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :					
7.1.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I					
8.1	12 mm cement plaster of mix :	45.00	Sqm			
8.1.1	1:6 (1 cement: 6 fine sand)					
8.2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :	45.00	Sqm			
8.2.1	Water thinnable cement primer					
8.3	Finishing walls with Acrylic Smooth exterior paint of required shade :	15.00	Sqm			
8.3.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)					
8.4	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :	30.00	Sqm			
8.4.1	Two or more coats on new work					
8.5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	30.00	Sqm			
8.5.1	Two or more coats on new work					
9	White washing with lime to give an even shade :	550.00	Sqm			
9.1.1	Old work (one or more coats)					
9.2	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	550.00	Sqm			

9.3	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :	400.00	Sqm			
9.3.1	One or more coats on old work					
10.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	40.00	Cum			
10.1.1	In cement mortar					
10.2	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :	13.00	Each			
10.2.1	Of area beyond 3 sq. metres					
10.3	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	65.00	Sqm			
10.3.1	For thickness of tiles 10 mm to 25 mm					
10.4	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead :	75.00	Sqm			
10.4.1	Thickness above 10 mm up to 25 mm					
10.5	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.	40.00	Cum			
11.1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :	8.00	Each			
11.1.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps					

11.2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	8.00	Each			
11.2.1	Flexible pipe					
11.2.1.1	32 mm dia					
12.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.	30.00	meter			
12.1.1	20 mm dia nominal bore					
12.2	Providing and fixing uplasticised PVC connection pipe with brass unions :	8.00	Each			
12.2.1	30 cm length					
12.2.1.1	15 mm nominal bore					
12.3	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work :	30.00	Metr			
12.3.1	20 mm diameter pipe					
12.4	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :	8.00	Each			
12.4.1	20 mm nominal bore					
12.5	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.	8.00	Each			
12.5.1	15 mm nominal bore					
13.1	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,	560.00	Kg			

	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) :					
13.1.1	For fixed portion					
13.1.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)					
13.1.2	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)	78.00	Kg			
13.1.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)					
13.2	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum 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	55.00	Sqm			
13.2.1	Pre-laminated particle board with decorative lamination on both sides					
13.3	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):	25.00	Sqm			
13.3.1	With float glass panes of 5.50 mm thickness					
13.4	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	3.00	Each			

13.5	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	60.00	Kg			
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SIGNATURE OF CONTRACTOR

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

TENDER DOCUMENT

N/W: Providing and fixing Mosquito net to windows in rooms at Amber - A hostel.

Ref : NITT/EMD/EO/Civil Works/En. No.7.3(75)/15-16,dated 16.10.2015

Due On – 02.11.2015

Name of the Agency :

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1.1	Providing and fixing of MS square tube for window frame of size 2.02m x 1.27m. The frame size is 1 1/2" x 3/4" & 2" x 1" of 18 gauge for frame with powder coating to ms frame (80/90) gsm etc. rate including welding, screws & plugs etc complete as per the direction of Engineer - in-charge.	2600.00	Kg			
	Providing and Fixing of Mosquito Net with 20mm width powder coated aluminum frame. The frame shall be two vertical and three horizontal. The shutter made of stainless steel materials and frame operated with mini fibre hinges and with fibre stopper for 3 sides etc complete. The rate including cost of all materials and labour charges etc complete.	470.00	Sqm			

SIGNATURE OF CONTRACTOR

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

TENDER DOCUMENT

N/W: Providing and fixing Mosquito net to windows in rooms at Amber - B hostel.

Ref : NITT/EMD/EO/Civil Works/En. No.7.4(76)/15-16,dated 16.10.2015

Due On – 02.11.2015

Name of the Agency :

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1.1	Providing and fixing of MS square tube for window frame of size 2.02m x 1.27m. The frame size is 1 1/2" x 3/4" & 2" x 1" of 18 gauge for frame with powder coating to ms frame (80/90) gsm etc. rate including welding, screws & plugs etc complete as per the direction of Engineer - in-charge.	2600.00	Kg			
	Providing and Fixing of Mosquito Net with 20mm width powder coated aluminum frame. The frame shall be two vertical and three horizontal. The shutter made of stainless steel materials and frame operated with mini fibre hinges and with fibre stopper for 3 sides etc complete. The rate including cost of all materials and labour charges etc complete.	470.00	Sqm			

SIGNATURE OF CONTRACTOR