



NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI -620 015

SCHEDULE OF WORK

Name of work : Modification of rooms 304 - 306 in SJB for ECE Department (WSD Lab)

Name of the Contractor/Agency :

ITEM No	SUB -HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE(Rs)	RATE (In Words)	Amount (Rs)
1	BRICK WORK					
1.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :	5.00	Cum			
1.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)					
2	WOOD AND P. V. C. WORK					
2.1	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	5.00	Each			
2.2	Providing and fixing aluminum die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight up to 35 kg and door width up to 700 mm) with necessary accessories and screws etc. complete.	5.00	Each			
2.3	Providing and fixing aluminum handles ISI marked anodized (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 :	7.00	Each			
2.3.1	125 mm					
2.4	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.	--	--			

ITEM No	SUB –HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE(Rs)	RATE (In Words)	Amount (Rs)
2.5	Providing and fixing bright finished brass 100 mm mortise latch and lock ISI marked with six levers and a pair of anodized (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles with necessary screws etc. complete (Best make of approved quality).	3.00	Each			
3.0	Steel Work					
3.1	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.	420.00	Kg			
3.1.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.					
4.0	FLOORING					
4.1	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.	140.00	Sqm			
4.1.1	Size of Tile 600x600 mm					
5.0	FINISHING					
5.1	12 mm cement plaster of mix :	45.00	Sqm			
5.1.1	1:6 (1 cement : 6 fine sand)					
6.0	REPAIRS TO BUILDINGS					
6.1	White washing with lime to give an even shade :	160.00	Sqm			
6.1.1	Old work (one or more coats)					

ITEM No	SUB –HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE(Rs)	RATE (In Words)	Amount (Rs)
6.2	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	130.00	Sqm			
6.3	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade :	130.00	Sqm			
6.3.1	One or more coats on old work.					
6.4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :	15.00	Sqm			
6.4.1	One or more coats on old work.					
7.0	DISMANTLING & DEMOLISHING					
7.1	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.	5.00	Cum			
7.1.1	In Cement Mortar					
7.2	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:	30.00	Each			
7.2.1	Of area 3 sq. metres and below					
8	ALUMINIUM WORK					
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) :					
8.1.1	For fixed portion.					

ITEM No	SUB –HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE(Rs)	RATE (In Words)	Amount (Rs)
8.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	400.00	Kg			
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).	185.00	Kg			
8.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)					
8.2	Providing and fixing 12mm 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 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.	50.00	Sqm			
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) :	45.00	Sqm			
8.3.1	With float glass panes of 5.50 mm thickness					

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Contractor signature :

CHIEF OF WORKS



NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI -620 015

SCHEDULE OF WORK

Name of work : Providing Parking Base for MIG 23BN @ NIT-T

Name of the Contractor/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.	15.00	Cum			
1.1.1	All kinds of Soil					
2	Supplying and filling in plinth with river sand under floors, including watering, ramming, consolidating and dressing complete.	29.00	Cum			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	5.00	Each			
3.1	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	29.00	Cum			
4.1	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).	17	Cum			

ITEM No	SUB –HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE(Rs)	RATE (In Words)	Amount (Rs)
5	Centering and shuttering including strutting, propping etc. and removal of form for :	55	Sqm			
5.1	Columns, Pillars, Piers, Abutments, Posts and Struts					
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	900	Kg			
6.1	Cold twisted bars					
7	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.	570	Kg			
7.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works					
8	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	190	Sqm			
9	Supplying and stacking of good earth at site including royalty and carriage up to 5 km (earth measured in stacks will be reduced by 20% for payment and the good earth supplied by departmentally at free of cost).	500	Cum			

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Contractor signature :

CHIEF OF WORKS



NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 15
Estate Maintenance Department

NOTICE INVITING TENDERS NO: NITT/EM/EO/Civil works / 2013- 2014

TENDER NOTIFICATION

Ref: NITT/EM/EO/ Civil works /En. No. B / 13 - 14

Date : 06.11.2013

The Chief of Works, 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 NIT/ 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** up to **3.00 PM on 18.11.2013.** The tender will be opened in the office of the Registrar

DETAILS

Sl. No	Est. Id No	Name of work	Estimate Cost Rs.	E.M.D Rs.	Last Date for Issue of Tender Schedule	Last Date for submission of Tenders	Tender Cost Rs.
76	84	Modification of rooms 304- 306 in SJB for ECE Dept(WSD Lab)	5,68,608/-	11,400/-	15.11.2013	18.11.2013	575/-
77	85	Providing parking base for MIG 23BN at NIT-T	5,20,742/-	10,500/-	15.11.2013	18.11.2013	575/-

The tender should accompany, Earnest Money Deposit and Tender cost as detailed above through two different Demand Drafts at **State Bank of India, NIT-T, branch** in favour of **“The Director, NIT-Trichy – 15”**. This earnest money will be refund to the unsuccessful tenderer or rejection of the tender or at the expiry of two months from the date of tender, whichever is earlier. The earnest money will be retained in the case of successful tender will be not carry any interest.

Tender must be submitted in sealed covers and should be addressed to **“The Director, NIT-Trichy – 15”** and the name of the tenderer, name of the work and Ref . No being noted in the cover.

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Chief of works

Copy submitted to The Director, NIT-T for kind information
NIT-T web Site details of tender may be seen at web site <http://www.nitt.edu>
Estate Maintenance Department Notice board