

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015

ESTATE MAINTENANCE DEPARTMENT

NOTICE INVITING TENDERS NO: NITT/EMD//Civi works / 2014

TENDER NOTIFICATION

Ref: NITT/EMD/ CoW/Civil works / 14-15

Date.19.02.2015

The **Chief of works**, Estate Maintenance Department, NIT on behalf of The Director, NIT invites 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 03.03.2015**. The tender will be **opened at 3.30. P.M** on 03.03.2015 at Registrar Office, in the presence of tenders who choose to present.0

Enq No.	Est Id. No	Name of work	Estimate cost Rs.	Earnest Money Rs	Last date for Submission of the tenders	Tender cost
140	166	C/o room for Flow meter on main water supply lines and PVC pipe for STP lines distribution to Lecture Halls, Chemical Engineering Dept. Hospital and Silver Jubilee Building.	4,96,945/-	10,000/-	03.03.2015	Rs.150/-

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

The tender document can be downloaded from this institute web site www.nitt.edu/home/others/tenders/. The tender cost of Rs 150/-and the Earnest money should be enclosed along with tender schedule in the form of separate demand draft from any Nationalized bank drawn in favor of “The Director, NIT, Trichy-15”

-Sd- /Chief of Works

SCHEDULE OF WORK

Name of Work: C/o room for Flow meter on main water supply lines and PVC pipe for STP lines distribution to Lecture Halls, Chemical Engineering Dept. Hospital and Silver Jubilee Building.

Sl.No	Sub-Heads and Item of Work	Quantity	Unit	Rate (Rs)	Rate (In words)	Amount (Rs)
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.					
1.1	All kinds of soil.	22.00	Cum			
2.	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	3.00	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 :					
3.1	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	4.50	Cum			
4.	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. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :					
4.1	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	7.50	Cum			
5.	Centering and shuttering including strutting, propping etc. and removal of form for :					
5.1	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	53.00	Sqm			

6.	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
6.1	Cold twisted bars	620.00	Kg			
7.	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
7.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	4.00	Cum			
8.	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 :					
8.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	10.50	Cum			

9.	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.					
9.1	Using M.S. angels 40x40x6 mm for diagonal braces	6.00	Sqm			
10.	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.					
10.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	75.00	Kg			
11	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.					

11.1	40 mm thick with 20 mm nominal size stone aggregate	7.00	Sqm			
12.	12 mm cement plaster of mix :					
12.1	1:4 (1 cement: 4 fine sand)	18.00	Sqm			
13	15 mm cement plaster on the rough side of single or half brick wall of mix :					
13.1	1:4 (1 cement: 4 fine sand)	137.00	Sqm			
14	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :					
14.1	Two or more coats on new work	150.00	Sqm			

15	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
15.1	Two or more coats on new work	20.00	Sqm			
16	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design					
16.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	3	Each			

17.	<p>Earth work excavation & depositing on bank with initial lead of 10m and lift of 2min all classes by soil in narrow trenches for pipe laying work including cost & conveyance of PVC rigid pipes (True Bore / Jain pipes) and specials and lowering in to trenches and laying to proper grade and alignment & jointing with PVC couplers with jointing materials and testing to the required pressure including conveyance of water for filling during testing and refilling the trenches with excavated earth on completion of work For depth up to 2m External work : 90mm OD PVC 6KSC Pipes</p>	83.00	Metre			
18.	<p>Earth work excavation & depositing on bank with initial lead of 10m and lift of 2min all classes by soil in narrow trenches for pipe laying work including cost & conveyance of PVC rigid pipes (True Bore / Jain pipes) and specials and lowering in to trenches and laying to proper grade and alignment & jointing with PVC couplers with jointing materials and testing to the required pressure including conveyance of water for filling during testing and refilling the trenches with excavated earth on completion of work For depth up to 2m External work : 32mm OD PVC 6KSC Pipes</p>	400.00	Metre			
19.	<p>Earth work excavation & depositing on bank with initial lead of 10m and lift of 2min all classes by soil in narrow trenches for pipe laying work including cost & conveyance of PVC rigid pipes (True Bore / Jain pipes or equivalent) and specials and lowering in to trenches and laying to proper grade and</p>	120.00	Metre			

	alignment & jointing with PVC couplers with jointing materials and testing to the required pressure including conveyance of water for filling during testing and refilling the trenches with excavated earth on completion of work For depth up to 2m External work : 40 mm OD PVC 6KSC Pipes					
20.	Supply of unplasticised-PVC moulded fittings/accessories for unplasticised Rigid PVC conforming to IS : 13592 Type A-6 kg/cm ² , including jointing with seal ring conforming to IS : 5382, leaving 10mm gap for thermal expansion. Saddle clamp- (40mm to 32mm)	50.00	Each			
21.	Providing and fixing of Cast iron foot rests of size 0.30 x 0.10 m etc .	4.00	Each			
22.	Providing & Fixing of CI plates of 2 half of 2 sides to 300mm CI main line for flow meter. The size of plate inner 320mm and outer 420mm of 20mm thick.Rate including moulding, cutting, specials X-ray welding & fittings to proper position etc including labour etc complete.	1.00	1 job			
	TOTAL					

Signature of Contractor

