



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015
ESTATE MAINTENANCE DEPARTMENT

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

TENDER NOTIFICATION

Ref: NITT/EMD/ CoW/Civil Works /15-16

Date.12.08.2015.

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 24.08.2015**. The tender will be **opened at 3.30. P.M on 24.08.2015** at Registrar Office, in the presence of tenders who choose to present.

Enq No.	Est Id. No	Name of work	Estimate cost Rs.	Earnest Money Rs.	Last date for Submission of the tenders	Tender cost
22	59	Providing and fixing of polyethylene water storage tanks and laying of PVC pipe lines with fittings at CSG & MME Buildings.	1,69,698/-	3400/-	24.08.2015	Rs.150/-
23	60	Attending repairs to submersible motor vertical & Horizontal type and centrifugal motors at various locations in NIT Campus.	1,52,500/-	3100/-	24.08.2015	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 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”**

Chief of Works

SCHEDULE OF WORK

Name of Work: Providing and fixing of polyethylene water storage tanks and laying of PVC pipe lines with fittings at CSG & MME Buildings.

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	STEEL WORK					
1.1	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.					
1.1.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	200	kg			
2	FINISHING					
2.1	12 mm cement plaster of mix :					
2.1.1	1:4 (1 cement: 4 fine sand)	15	sqm			
2.2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
2.2.1	Two or more coats on new work	60	sqm			

3	WATER SUPPLY					
3.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.					
3.1.1	32 mm nominal outer dia Pipes	150	metre			
3.2	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :					
3.2.1	25 to 40 mm nominal bore	5	each			
3.3	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
3.3.1	25 mm nominal bore	6	each			
3.4	Providing and fixing gun metal non- return valve of approved quality (screwed end) :					
3.4.1	25 mm nominal bore					

3.4.1.1	Vertical	2	each			
3.5	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :					
3.5.1	25 mm nominal bore	6	each			
3.6	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.	5000	per litre			
3.7	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.					
3.7.1	25 mm nominal bore, 152mm long, weighing not less than 440 gms	5	each			
4	NIT MARKET RATE					
4.1	Providing and fixing of 32mm dia Unplasticised PVC pipes (Avonplast Make) including all fittings i/c fixing the pipe with clamps at 1.00m spacing.This includes jointing of pipes & fittings with one step UPVC solvent cement and testing of joints	150	Mtr			

	complete as per the direction of Engineer - in-charge					
4.2	Brick work with common burnt clay modular bricks of class designation 3.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	2	Cum			
4.3	Cost and supply of 1.00 HP Starter including erection conveyance of pump set to work spot.	1	Each			
4.4	Cost and supply of 4.00 sq.mm PVC insulated and sheathed 3core flat type copper cable conforming to I.S.694/1990	25	Mtr			
4.5	Towards the Labour charges for removing of old available M.S.Water tank of size 1.50 x 1.50 x 1.00m at terrace area in CSG building including bending,cutting,welding etc complete as directed by the Engineer incharge.	1	Job			
	TOTAL					

Signature of Contractor

SCHEDULE OF WORK

Name of Work: **Attending repairs to submersible motor vertical & Horizontal type and centrifugal motors at various locations in NIT Campus.**

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	Towards the charges for repairing the submersible motor with pump including charges for removing, reerection of pump set, disconnecting the power supply, rewinding, replacing the worn out parts such as thrust bearing ,pump impeller, gunmetal bush, rubber sheet, bolt & nut and conveyance etc complete					
1.1	10 HP submersible motor Horizontal Type at Quarters STP Site	1 No				
1.2	7.5 HP submersible motor Vertical Type at water Management Farm & Aquamarine Hostel	2 Nos				
1.3	6.00 HP submersible motor Vertical Type at Multipurpose hall	1 No				
1.4	5.00 HP submersible motor Vertical Type at water Management Farm,REC Middle school & 14 th street corner	3 Nos				

1.5	1.5 HP submersible motor Vertical Type at Megamess-I, Sports ground,ORION building & Beryl hostel	4 Nos				
1.6	3.00HP submersible motor Horizontal Type at Hostel STP Site	1 No				
1.7	1.00 HP Jet motor Horizontal Type at IT Centre	1 No				
	TOTAL					

Signature of Contractor