



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.08.09.2015.

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 18.09.2015**. The tender will be **opened at 3.30. P.M on 18.09.2015** 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
27	66	Attending repair works to water supply lines at various locations in quarters area.	4,93,065/-	9900/-	18.09.2015	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: Attending repair works to water supply lines at various locations in Quarters area.

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	FINISHING					
1.1	12 mm cement plaster of mix :					
1.1.1	1:4 (1 cement: 4 fine sand)	30	sqm			
2	WATER SUPPLY					
2.1	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 :					
2.1.1	25 to 40 mm nominal bore	10	each			
2.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
2.2.1	25 mm nominal bore	15	each			
2.2.2	50 mm nominal bore	5	each			

2.3	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) :					
2.3.1	150 mm diameter					
2.3.1.1	Class II	1	each			
2.4	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 :					
2.4.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	1	each			
2.5	Constructing masonry Chamber 120x120x100 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 :					
2.5.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	2	each			
2.6	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :					
2.6.1	25 mm nominal bore	15	each			
2.7	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.	16000	per litre			
2.8	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.					
2.8.1	25 mm nominal bore, 152mm long, weighing not less than 440 gms	15	each			

3	NIT MARKET RATE					
3.1	<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</p> <p>For depth up to 2m</p> <p>External work : 63mm OD PVC 6KSC Pipes</p>	550	Mtr			
3.2	<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 Pipes (15kg/cm2)</p>	260	Mtr			

3.3	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 complete as per the direction of Engineer - in- charge	300	Mtr				
3.4	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)	5	Cum				
3.5	Providing and fixing of 100mm dia MS Clamp for connecting the new pipe line including cost of materials & labour charges etc complete as directed by the Engineer incharge.	1	each				
						TOTAL	

Signature of Contractor