



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015  
ESTATE MAINTENANCE DEPARTMENT

Ref:NITT/COW/EMD/Civil Works/Enq.No.01.

Date: 19.05.2015.

**QUOTATION**

Sealed quotations for the following work are called for on behalf of the Director, NIT, Tiruchirappalli up to **3.00 PM. on 02.06.2015**

The Quotations will be opened at 3.30. PM on 02.06.2015. at Registrar chamber in the presence of those present.

The format for submission of quotation can be obtained from Estate Maintenance Department on written request addressed to the Director, N.I.T.Trichy-15 at free of Cost.

The quotation must be submitted in sealed covers addressed to The Director, NIT and the name of the work being noted on the cover.

The Director, NIT reserves the right to reject any or all the quotations without assigning any reason.

Enq. No.	Estimate ID. No.	Name of Work	Estimate Amount	Cost of Documents	Date from which bid documents will be available
01	14	Purchase of PVC Pipes and Specials	99,600/-	Free of Cost	From 19.05.2015 to 02.06.2015 up to 3.00 pm in all working days.
02	15	Purchase of Gate valves, Ball valves & Taps and Specials	99,200/-	Free of Cost	From 19.05.2015 to 02.06.2015 up to 3.00 pm in all working days.

**Chief of Works**



**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.19.05.2015.**

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 04.06.2015**. The tender will be **opened at 3.30. P.M on 04.06.2015** at Registrar Office, in the presence of tenders who choose to present.

<b>Enq No.</b>	<b>Est Id. No</b>	<b>Name of work</b>	<b>Estimate cost Rs.</b>	<b>Earnest Money Rs.</b>	<b>Last date for Submission of the tenders</b>	<b>Tender cost</b>
08	16	Cleaning of main sumps, Hostel sumps, OHT's and Water tanks for Quarters zone, Institute zone, and Hostel zone.	2,20,820/-	4500/-	04.06.2015	Rs.150/-
09	17	Providing and fixing of water meter to messes and laying of PVC pipe lines with fittings at various buildings in NIT Campus.	2,64,743/-	5300/-	04.06.2015	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/](http://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**



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015  
ESTATE MAINTENANCE DEPARTMENT

Ref:NITT/COW/EMD/Civil Works/Enq.No.03.

Date: 19.05.2015.

**QUOTATION**

Sealed quotations for the following work are called for on behalf of the Director, NIT, Tiruchirappalli up to **3.00 PM. on 04.06.2015**

The Quotations will be opened at 3.30. PM on 04.06.2015. at Registrar chamber in the presence of those present.

The format for submission of quotation can be obtained from Estate Maintenance Department on written request addressed to the Director, N.I.T.Trichy-15 at free of Cost.

The quotation must be submitted in sealed covers addressed to The Director, NIT and the name of the work being noted on the cover.

The Director, NIT reserves the right to reject any or all the quotations without assigning any reason.

Enq. No.	Estimate ID. No.	Name of Work	Estimate Amount	Cost of Documents	Date from which bid documents will be available
03	18	Providing and fixing of R.C.C. Dustbin with platforms for Quarters area	96,302/-	Free of Cost	From 19.05.2015 to 04.06.2015 up to 3.00 pm in all working days.

**Chief of Works**



NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015

ESTATE MAINTENANCE DEPARTMENT

SCHEDULE

**Ref: NITT/EMD/COW/Enq No. /15**

Name of the Work : **Purchase of Gate valves,Ballvalves & Taps and specials**

Name of the Agency :

SI.No	Materials	Quantity		Rate Quoted in figures & words	per	Amount
1.	3/4"(20mm) PTMT Ball Cock with with Epoxy coated aluminum rod with L.P./ H.P.H.D. plastic ball	50	Nos		No	
2.	1" (25mm) PTMT Ball Cock with with Epoxy coated aluminum rod with L.P./ H.P.H.D. plastic ball	50	Nos		No	
3.	1" (25mm) GM Gate valve with wheel "LEADER" Make	30	Nos		No	
4.	1 1/2" (50mm) GM Gate valve with wheel "LEADER" Make	10	Nos		No	

5.	3" (80m) GM Gate valve with wheel "LEADER" Make	3	Nos		No	
6.	1/2" (15mm) Angle cock PTMT SYMET make	30	Nos		No	
7.	1/2"(15mm)PTMT Bibcock (short body)	100	Nos		No	

- Note:**
1. The rate should be quoted in the given specified format only.
  2. The rate should be quoted for F.O.R supply at NIT,Trichy-15 inclusive of all taxes & transportation.
  3. Payment will be made only after receipt of the materials in good conditions.
  4. The Director reserves the right to reject one or all the quotations without assigning any reason.
  5. The time required for completion of the supply is 10 days from the issue of supply order.

Signature of Agency



**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015**

**ESTATE MAINTENANCE DEPARTMENT**

**SCHEDULE**

**Ref: NITT/EMD/COW/Eng No. /15**

Name of the Work : **Purchase of PVC pipes and specials**

Name of the Agency :

Sl.No	Materials	Quantity		Rate Quoted in figures & words	per	Amount
1	3/4" (20mm) OD PVC pipe (6kg/cm <sup>2</sup> )/ Avonplast or Equivalent	90	Mtr		No	
2	1" (32mm) OD PVC pipe (6kg/cm <sup>2</sup> )/ Avonplast or Equivalent	90	Mtr		No	
3	1 1/4" (40mm) OD PVC pipe (15kg/cm <sup>2</sup> )/ Avonplast or Equivalent	60	Mtr		No	
4	1 1/2" (50mm) OD PVC pipe (15kg/cm <sup>2</sup> )/ Avonplast or Equivalent	60	Mtr		No	

5	2"(63mm) OD PVC pipe (15kg/cm2)/ Avonplast or Equivalent	90	Mtr		No	
6	110mm OD PVC 6KSC Pipes (True Bore / Jain pipes or Equivalent)	90	Mtr		No	
7	2" (63mm) PVC Tee 6KSC FINOLEX or Equivalent	25	Nos		No	
8	2 1/2" (75mm) PVC Tee 6KSC FINOLEX or Equivalent	25	Nos		No	
9	4" (110mm) PVC Tee 6KSC FINOLEX or Equivalent	25	Nos		No	
10	2" (63mm) PVC Elbow 6KSC FINOLEX or Equivalent	25	Nos		No	
11	2 1/2" (75mm) PVC Elbow 6KSC FINOLEX or Equivalent	25	Nos		No	
12	4" (110mm) PVC Elbow 6KSC FINOLEX or Equivalent	25	Nos		No	
13	2" (63mm) PVC Coupling 6KSC FINOLEX or Equivalent	25	Nos		No	
14	2 1/2" (75mm) PVC Coupling 6KSC FINOLEX or Equivalent	25	Nos		No	

15	4" (110mm) PVC Coupling 6KSC FINOLEX or Equivalent	100	Nos		No	
16	2" x1" (63x32mm) PVC Reducer 6KSC FINOLEX or Equivalent	25	Nos		No	
17	2 1/2" (75mm) PVC End cup FINOLEX or Equivalent	25	Nos		No	
18	1 1/4" (40mm) PVC Elbow 6KSC FINOLEX or Equivalent	25	Nos		No	
19	1 1/2" (50mm) PVC Elbow 6KSC FINOLEX or Equivalent	25	Nos		No	
20	2 1/2"x1" (75x32mm) PVC saddle clamp FINOLEX or Equivalent	25	Nos		No	
21	1/2" (15mm) PVC Connection (60cm length) PRAYAG Make	50	Nos		No	
22	1/2" (15mm) PVC Connection (45cm length) PRAYAG Make	50	Nos		No	
23	1" (32mm) PVC Adopter (Male Thread) FINOLEX or Equivalent	25	Nos		No	



24	1 1/4" (40mm) PVC Adopter (Male Thread) FINOLEX or Equivalent	25	Nos		No	
25	1 1/2" (50mm) PVC Adopter (Male Thread) FINOLEX or Equivalent	25	Nos		No	
26	2" (62mm) PVC Adopter (Male Thread) FINOLEX or Equivalent	25	Nos		No	
27	1" (32mm) PVC Adopter (Inner Thread) FINOLEX or Equivalent	25	Nos		No	
28	1 1/4" (40mm) PVC Adopter (Inner Thread) FINOLEX or Equivalent	25	Nos		No	
29	1 1/2" (50mm) PVC Adopter (Inner Thread) FINOLEX or Equivalent	25	Nos		No	
30	2" (62mm) PVC Adopter (Inner Thread) FINOLEX or Equivalent	25	Nos		No	
31	1 1/4" (40mm) CP Waste couling (Half Thread) Plato or Equivalent	25	Nos		No	
32	1 1/2" (50mm) CP Waste couling (Full Thread) Plato or Equivalent	25	Nos		No	

33	2" (62mm) CP Waste coupling (Full Thread) Plato or Equivalent	25	Nos			
34	Flush Tank Washer	50	Nos			
35	Thread ball	300	Nos			
36	Solvent Cement (M SEAL)(100ml)	20	Nos			
37	Hack saw blade (One side)	100	Nos			

- Note:**
1. The rate should be quoted in the given specified format only.
  2. The rate should be quoted for F.O.R supply at NIT, Trichy-15 inclusive of all taxes & transportation.
  3. Payment will be made only after receipt of the materials in good conditions.
  4. The Director reserves the right to reject one or all the quotations without assigning any reason.
  5. The time required for completion of the supply is 10 days from the issue of supply order.

Signature of Agency

### SCHEDULE OF WORK

**Name of Work: Cleaning of main sumps, Hostel sumps, OHT's and water tanks for Quarters Zone, Institute Zone and Hostel Zone.**

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	NIT MARKET RATE					
1.1	Towards the labour charges for cleaning the Over Head Tank including removing and refixing the cover slab,cleaning the sides,bottom and top surface of OHT with bleaching powder and necessary materials etc., complete as per the directions of the department staff - water tank of capacity ranging up to 5000 lit	443	Each			
1.2	Towards the labour charges for cleaning the Over Head Tank including removing and refixing the cover slab,cleaning the sides,bottom and top surface of OHT with bleaching powder and necessary materials etc., complete as per the directions of the department staff - water tank of capacity ranging from 7000 lit - 30000 lit	142	Each			
1.3	Towards the labour charges for cleaning the sump of capacity 1,00,000 lit including cleaning the sides,bottom of the sump by bleaching powder with the necessary materials like wire brush, broom, bucket, mug and Gunny bag etc also the hire charges for engaging the motor for dewatering etc ..	6	Each			

	complete as per the directions of the department staff					
1.4	Towards the labour charges for cleaning the over Head Tank of capacity 3,00,000 lit including cleaning the sides,bottom of the sump by bleaching powder with the necessary materials like wire brush, broom, bucket, mug and Gunny bag etc also the hire charges for engaging the motor for dewatering etc ., complete as per the directions of the department staff	2	Each			
1.5	Towards the labour charges for cleaning the sump of capacity 4,00,000 lit including cleaning the sides,bottom of the sump by bleaching powder with the necessary materials like wire brush, broom, bucket, mug and Gunny bag etc also the hire charges for engaging the motor for dewatering etc ., complete as per the directions of the department staff	1	Each			
1.6	Towards the labour charges for cleaning the sump of capacity 5,00,000 lit including cleaning the sides,bottom of the sump by bleaching powder with the necessary materials like wire brush, broom, bucket, mug and Gunny bag etc also the hire charges for engaging the motor for dewatering etc ., complete as per the directions of the department staff	4	Each			
1.7	Towards the labour charges for cleaning the Over Head Tank of capacity 4,00,000 lit	1	Each			

	including cleaning the sides,bottom of the sump by bleaching powder with the necessary materials like wire brush, broom, bucket, mug and Gunny bag etc also the hire charges for engaging the motor for dewatering etc ., complete as per the directions of the department staff					
	<b>TOTAL</b>					

**Signature of Contractor**

## SCHEDULE OF WORK

**Name of Work:** Providing and Fixing of R.C.C dustbin with platforms for Quarters area

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	EARTH WORK					
1.1	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,					
1.1.1	All kinds of soil.	1.5	Cum			
1.2	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	1	cum			
2	CONCRETE WORK					
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 :					
2.1.1	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	1	cum			
3	BRICK WORK					
3.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
3.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	2	cum			

4	<b>FLOORING</b>					
4.1	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.					
4.1.1	40 mm thick with 20 mm nominal size stone aggregate	10	sqm			
5	<b>FINISHING</b>					
5.1	12 mm cement plaster of mix :					
5.1.1	1:4 (1 cement: 4 fine sand)	5	sqm			
6	<b>NIT MARKET RATE</b>					
6.1	Supplying and fixing of R.C.C dust bin in C.C. 1:2:4 of 90cm dia and 75cm Height with loading & unloading charges etc complete as directed by the Engineer -in -charge with 6Nos at 105cm c/c and lettering in green & red colors.	25	Each			
						<b>TOTAL</b>

**Signature of Contractor**

### SCHEDULE OF WORK

**Name of Work:        Providing and fixing of water meter to messes and laying of PVC pipe lines with fittings at various buildings in NIT Campus**

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	WATER SUPPLY					
1.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.					
1.1.1	25 mm dia nominal bore	15	metre			
1.1.2	40 mm dia nominal bore	6	metre			
1.2	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.					
1.2.1	50 mm dia nominal bore	12	metre			
1.3	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 :					
1.3.1	25 to 40 mm nominal bore	10	each			
1.4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
1.4.1	25 mm nominal bore	3	each			



1.4.2	40 mm nominal bore	2	each			
1.5	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :					
1.5.1	15 mm nominal bore	5	each			
1.5.2	20 mm nominal bore	5	each			
1.6	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 :					
1.6.1	40 mm nominal bore	1	each			
1.6.2	50 mm nominal bore	2	each			
1.7	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.					
1.7.1	15 mm nominal bore	5	each			

2	NIT MARKET RATE					
2.1	Earth work excavation & depositing on bank with initial lead of 10m and lift of 2m in 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)	380	Mtr			
2.2	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	125	Mtr			
2.3	Providing and fixing of 40mm OD PVC pipe (15kg/cm2) with fittings and clamps, i/c cutting and making good the walls etc. External work : 40mm OD PVC Pipes (15kg/cm2)	30	Mtr			
2.4	Providing and fixing water meter (mechanical type) with ISI make including cost & conveyance of pipe to the site of work as per the direction of Engineer-in-charge a) 40 mm dia nominal bore	2	Each			

2.5	Providing and fixing water meter (mechanical type) with ISI make including cost & conveyance of pipe to the site of work as per the direction of Engineer-in-charge/a) 25 mm dia nominal bore	1	Each			
2.6	Providing and fixing water meter (mechanical type) with ISI make including C.I. dirt box strainer for bulk type water meter with nuts, bolts, rubber insertions including cost & conveyance of pipe to the site of work as per the direction of Engineer-in-charge/ 50 mm dia nominal bore	6	Each			
2.7	Towards the Labour charges for attending repairs to 300mm dia CI sluice valve including replacing the worn out parts such as gun metal rod and check nut with new one,fixing of rubber sheet, bolt & nut including lathing & grinding charges and conveyance etc complete at Quarters Tank delivery line as directed by the Engineer in charge	1	Job			
2.8	Towards the Labour charges for attending repairs to 160mm & 200mm dia PVC pipe line at Funnel OHT site including earth work excavation & refilling and replacing the damaged pipe with necessary PVC fittings with new one etc complete at Quarters Tank delivery line as directed by the Engineer in charge	1	Job			
	<b>TOTAL</b>					

**Signature of Contractor**