



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015
ESTATE MAINTENANCE DEPARTMENT

NOTICE INVITING TENDERS NO: NITT/EMD//Civil / 2014

TENDER NOTIFICATION

Ref: NITT/EMD/ COW/Civil works /2014-15

Date.23.06.2014

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 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 **2.30 p.m on 08.07.2014**. The tender will be opened at **3.00. p.m** of Registrar **office**.

| Enq No. | Est Id. No | Name of work | Estimate cost Rs. | Earnest Money Rs | Last date for Submission of the tenders | Tender cost |
|---------|------------|---|-------------------|------------------|---|-------------|
| 90 | 97 | Developing the existing play ground near 16 th street ground at Quarter's Zone. | 8,88,000/- | 17,800/- | 08.07.2014 | Rs.575/- |
| 91 | 98 | Creation of podium and landscaping the eastern side of BARN Hall. | 8,82,259/- | 17,700/- | 08.07.2014 | Rs.575/- |
| 92 | 99 | C/o Strom water drain from 7 th Street road to New Professors Quarters culvert.. | 8,86,584/-- | 17,800/-- | 08.07.2014 | Rs.575/- |
| 93 | 100 | Providing and fixing of Sintax water tanks to Qts.No.1-42 in 6 th street (Total-42 Qts). | 5,35,654/- | 10,800/- | 08.07.2014 | Rs.575/- |

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 Earnest money should be deposited along tender schedule in the form of demand draft of any Nationalized bank / scheduled bank drawn in favor of "The Director, NIT, Trichy-15".

-Sd- /Chief of Works

SCHEDULE OF WORK

State Tamil Nadu

Branch NITT

Name of Work : Developing the existing play ground near 16th street ground at Quarter's Zone.

Division NITT

Sub-Division NITT

| ITEM 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. | 125.00 | cum | | | |
| 2 | Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete. | 290.00 | 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) | 4.00 | cum | | | |
| 4 | Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering and finishing. | | | | | |
| 4.1 | 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | 19.00 | cum | | | |
| 5 | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: | | | | | |
| 5.1 | Cement mortar 1:6 (1 cement : 6 coarse sand) | 10.00 | cum | | | |
| 6 | 12 mm cement plaster of mix : | | | | | |
| 6.1 | 1:6 (1 cement: 6 fine sand) | 100.00 | sqm | | | |

| ITEM No | SUB-HEADS AND ITEM OF WORK | QUANTITY | UNIT | RATE (Rs) | RATE (In Words) | AMOUNT(Rs) |
|---------|---|----------|------|-----------|-----------------|------------|
| 7 | Finishing walls with Acrylic Smooth exterior paint of required shade : | | | | | |
| 7.1 | New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) | 100.00 | sqm | | | |
| 8 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : | | | | | |
| 8.1 | Two or more coats on new work | 180.00 | sqm | | | |
| 9 | Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. | 785.00 | sqm | | | |
| | Total | | | | | |

Chief of Works

SCHEDULE OF WORK

State Tamil Nadu

Branch NITT

Name of Work : Creation of podium and landscaping the eastern side of BARN Hall.

Division NITT

Sub-Division NITT

| ITEM 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. | 80.00 | cum | | | |
| 2 | Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete. | 200.00 | 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) | 95.00 | cum | | | |
| 4 | Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : | | | | | |
| 4.1 | 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | 2.00 | cum | | | |
| 5 | 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). | 4.00 | cum | | | |
| | | | | | | |

| ITEM No | SUB-HEADS AND ITEM OF WORK | QUANTITY | UNIT | RATE (Rs) | RATE (In Words) | AMOUNT(Rs) |
|---------|--|----------|------|-----------|-----------------|------------|
| 6 | Centering and shuttering including strutting, propping etc. and removal of form for : | | | | | |
| 6.1 | Lintels, beams, plinth beams, girders, bressumers and cantilevers | 45.00 | sqm | | | |
| 6.2 | Columns, Pillars, Piers, Abutments, Posts and Struts | 3.00 | sqm | | | |
| 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 1:6 (1 cement : 6 coarse sand) | 38.00 | cum | | | |
| 8 | Extra for brick work / AAC block masonry / Tile brick masonry in superstructure above floor V level, for each four floors or part thereof by mechanical means. | 1.00 | cum | | | |
| 9 | Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : | | | | | |
| 9.1 | cement mortar 1:4 (1 cement : 4 coarse sand) | 220.00 | sqm | | | |
| | Total | | | | | |

Estate Engineer-I (civil)

Associate Dean (P&D)

Chief of Works

SCHEDULE OF WORK

State Tamil Nadu

Branch NITT

Name of Work : C/o Storm water drain from 7th street road to New Professors Quarters culvert.

Division NITT

Sub-Division NITT

| ITEM 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. | 600.00 | cum | | | |
| 2 | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared. | 600.00 | 100 sqm | | | |
| 3 | Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : | | | | | |
| 3.1 | Flush/ Ruled pointing | 1,400.00 | sqm | | | |
| 4 | Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete. | 1,480.00 | sqm | | | |
| 5 | Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : | | | | | |
| 5.1 | 600 mm dia. R.C.C. pipe | 8.00 | metre | | | |
| | Total | | | | | |

| ITEM No | SUB-HEADS AND ITEM OF WORK | QUANTITY | UNIT | RATE (Rs) | RATE (In Words) | AMOUNT(Rs) |
|---------|----------------------------|----------------------|------|-----------|-----------------|------------|
| | Estate Engineer-I (civil) | Associate Dean (P&D) | | | Chief of Works | |

SCHEDULE OF WORK

State

Branch

Name of Work : Providing and Fixing of Sintax water tanks to Qts.No.1-42 in 16th street (Total-42 Qts)

Division

Sub-Division

| ITEM No | SUB-HEADS AND ITEM OF WORK | QUANTITY | 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) | 80.00 | sqm | | | |
| | Sub-Total | | | | | |
| 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 | 48.00 | 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 | 55.00 | each | | | |
| 2.3 | Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : | | | | | |
| 2.3.1 | 25 mm nominal bore | 55.00 | each | | | |
| 2.4 | 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. | 48,000.00 | per litre | | | |
| | | | | | | |

| ITEM No | SUB-HEADS AND ITEM OF WORK | QUANTITY | UNIT | RATE (Rs) | RATE (In Words) | AMOUNT |
|---------|---|----------|------|-----------|-----------------|--------|
| 2.5 | 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. | | | | | |
| 2.5.1 | 25 mm nominal bore, 152mm long, weighing not less than 440 gms | 24.00 | each | | | |
| | Sub-Total | | | | | |
| 3 | NIT MARKET RATE | | | | | |
| 3.1 | 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 complete as per the direction of Engineer - in- charge | 460.00 | Mtr | | | |
| 3.2 | 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) | 12.50 | Cum | | | |
| | Sub-Total | | | | | |
| | Total | | | | | |