



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620 015

ESTATE MAINTENANCE DEPARTMENT

NOTICE INVITING TENDERS NO NITT/EM/EO/Civil works / 2013-14

TENDER NOTIFICATION

Ref: NITT/EM//Civil Works /ENQ.No B / 13-14

Date:24.10.2013

The Chief of works, Estate Maintenance Department , NIT,Trichirappalli - 620 015 invites on behalf of the Director, NIT, Trichirappalli--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** at his Office at National Institute of Technology, Trichirappalli--15 up to **3.00p.m on07.11.13** tender will be opened in the office of the Registrar.

DETAILS

Enq No.	Est Id. No.	Name of work& Location	Estimate cost put to tender (Rs)	EMD (Rs)	Tender cost (Rs)	Last date and time of submission of Tender Up to 2.30PM	Time and date of opening of tender At 3.00 PM
59	66	Replacing the existing worn-out and damaged 200mm CI pipe line and laying of new 160mm OD PVC pipe line (PUMPING MAIN) from main sump to funnel OHT	6,96,758/-	14,000	575	06.11.2013	07.11.2013
61	68	Providing covered path way from OPAL Mess to OPAL-D Hostel.	8,42,560/-	16,900	575	06.11.2013	07.11.2013

The tender should accompany, Earnest Money Deposit and Tender cost as detailed above through two different Demand Drafts payable at State Bank of India, NITT Branch in favor of The Director, National Institute of Technology, Trichy-15. This earnest money will be refunded to the unsuccessful tenderer or rejection of the tender or at the expiry of two months from date of tender, whichever is earlier. The earnest money will be retained in the case of the successful tenderer and will not carry any interest.

Tender must be submitted in sealed covers and should be addressed to The Director, National Institute of Technology, Trichirappalli-15 and the name of the tenderer, name of the work and Ref.No. being noted on the cover.

Chief of Works

Copy submitted to : The Director, NIT for kind information
NITT web site Details of tender may be seen at web http :www.nit.edu.
Estate maintenance Department Notice board

SCHEDULE OF WORK

Name of contractor:

Name of Work: Replacing the existing worn out and damaged 200mm CI pipe line and Laying of new 160mmOD PVC pipe line (PUMPING MAIN) from Main sump to Funnel OHT

Sl.No	Item of Work	Qty	Unit	Rate(Rs)	Rate(In Words)	Amount (Rs)
1.1	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
1.1.1	80 mm nominal bore	1 No	Each			
1.2	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 :					
1.2.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5.	1 No	Each			
2.1	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	720 Mtr	Mtr			

	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 : 160mm OD PVC 6KSC Pipes					
2.2	Providing and fixing G.I. pipes complete with G.I. fittings including labour charges for cutting & threading etc complete as directed by the Engineer incharge: External work /80 mm dia. Nominal	5 Mtr	Mtr			
2.3	Providing and fixing of 80mm CI Double AIR VALVE with ISI make of approved quality including cost & conveyance of pipe to the site of work	1 No	Each			
2.4	Supplying and fixing of 150 x 80mm CI Tee with ISI make of approved quality including cost & conveyance of pipe to the site of work	1 No	Each			
2.5	Supplying and fixing of 160mm 6KSC PVC Bend including cost & conveyance of pipe to the site of work	5 Nos	Each			
	Total					

-Sd-

Chief of Works
Estate maintenance Department

SCHEDULE OF WORK

Name of contractor:

Name of Work: Providing Covered path way from OPAL Mess to OPAL-D Hostel.

Sl. No	Item of Work	Quantity	Unit	Rate(Rs)	Rate(In Words)	Amount (Rs)
01. 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, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	31 Cum	Cum			
02.	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	38 Cum	Cum			
03. 3.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	4 Cum	Cum			
3.2	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	1 Cum	Cum			
04. 4.1	Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing. 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	10 Cum	Cum			
05.	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and					

5.1	applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	4300 Kg	Kg			
06.	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm + 0.05 %, total coated thickness with zinc coating 120 gsm as per IS: 277 in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	420 Sqm	Sqm			
07.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
7.1	Two or more coats on new work	225 Sqm	Sqm			
08.	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 fine sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	210 Sqm	Sqm			
	Total					

-Sd-
Chief of Works
Estate maintenance Department