

INDIAN INSTITUTE OF TECHNOLOGY, DELHI
HAUZ KHAS, NEW DELHI – 110016

Name of work: - A.R. & M.O. Building in Hostel Area (West Campus) at IIT Delhi during the year 2014-2015.

Sub. Head: - Injection grouting for walls of Main Reservoir near Satpura Hostel.

Estimated Cost: - 1,29,058.00


Earnest Money: - 2,581.00

Completion Time: - 10 Days

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Quotation issued to: - _____


EE (C-1) *Per*



1
INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS: NEW DELHI – 110016

No. IITD/EE (C-I)/2014/

Dated:-04/08/2014

QUATATION NOTICE

Executive Engineer (C-I.) Indian Institute of Technology, Hauz Khas Delhi-16. Invites sealed **Item Rate QUOTATION** from firms/ Contractors Registered in appropriate class with CPWD, MES, BSNL, and Railways for the following work:-

S. No.	Name of work	Estimated Cost (Rs.)	Earnest Money (Rs.)	Completion Period
1.	Name of Work: - A.R. & M.O. Building in Hostel Area (West Campus) at IIT Delhi during the year 2014-2015. S.H.:- Injection grouting for walls of Main Reservoir near Satpura Hostel.	1,29,058/-	2,581/-	10 Days

Last date of Receipt of application for Quotation

: 11/08/2014 up to 3:00 PM (Room No. MZ-125)

Date of issue of Quotation

: 11/08/2014 up to 4:00 PM (Room No. MZ-125)

Date & Time of submission of Quotation

: 13/08/2014 up to 3:00 PM (Room No. MZ-140)

Date & Time of opening of Quotation (Same day)

: 13/08/2014 at 3:30 PM (Room No. MZ-140)

1. Applications in person for issue of tenders should accompany the following: -


- i) Cost of Quotation **Rs. 500.00 (Rs. Five hundred Only)** in cash deposit in S.B.I. or Canara Bank at IIT Delhi. (Non- refundable).
- ii) Quotation shall be accompanied with **Earnest money of Rs. 2,581.00** in the form of Banker's cheque or Demand draft or fixed deposit receipt of a schedule bank drawn in favour of I.I.T. Delhi.
- iii) Attested valid TIN Registration Certificate under D-VAT including deposit receipt.
- iv) Attested copy of registration certificates to be submitted. Registration of firms/ Contractors must be valid on the last day of issue of Quotation or extended date of issue of Quotation.
- v) Quotation shall be submitted in the prescribed manner in Sealed cover.
- vi) Telegraphic, Postal & Conditional Quotation are liable to be summarily rejected.
- vii) **Firms / Contractors must have completed satisfactorily one similar work of value not less than Rs. 1,03,200/- or Two similar works each of value not less than Rs. 77,400/- or there similar works each of value not less than Rs. 51,600/- during last 7 years ending on date 31/7/2014.**
- viii) **Similar work means pertaining to works of maintenance of buildings/ Renovation/ Addition Alteration/ Rehabilitation/ New construction of buildings (Civil Works) / Water proofing works.**

The Institute reserves the right to reject or accept any application for issue of Quotation Forms without assigning any reason.

The following should be super scribed on the envelope containing Quotation Documents.

- a) Name of work.
- b) Name of Firm/Contractor.
- c) Date of opening.
- d) Deposit receipt number & amount.
- e) Estimated cost

For details please see – (On website – www.iitd.ac.in)


Executive Engineer (C-I.)
For & on Behalf of BOG IIT Delhi.

Continued – Page - 2



Ch. Head: NPN -10



Copy to: -

1. Executive Engineer (C-I) for information.
2. D.A. (Works Accounts) - for opening of Quotation on 13/08/2012 at 3.30PM in the office of E.E.(C-I)
3. A.E.E (M-III)
4. Notice Boards.
5. Office Copy
6. Web site Administrator, I.I.T.D
7. NIQ:- Publicity on Website of Institute as well as on CPP portal <http://eprocure.gov.in> may be ensured as per instruction issued.




**INDIAN INSTITUTE OF TECHNOLOGY, DELHI
HAUZ KHAS, NEW DELHI - 110016**

SCHEDULE OF MATERIAL TO BE ISSUED

Schedule showing approx. quantities of material to be supplied by Institute under Clause 10 of the conditions of contract for work contracted to be executed and the rates at which they are to be charged for.

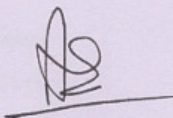
Items Particulars	Rates at which the material will be charged to the contractor.	Place of delivery
	Nil	

- Note: - 1. The person of firm submitting the tender should be see that the rates in the above schedule are filled up by the Engineer- In- charge on the form prior to the submission of the tender.
2. The above issued rates are inclusive of 2% (Two percent) storage charges.

Per


LIST OF APPROVED MAKES FOR CIVIL WORK

S. No.	Description	Approved Makes
1.	Cement (Grey) OPC/ PPC Grade-43	ACC / L & T/ J.K. / BIRLA/ UTRA TECH/ VIKRAM
2.	Cement (White)	J.K. / BIRLA
3.	Reinforcement Steel	PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL / SECONDARY MANUFACTURERS HAVING VALID BIS LICENSE (to be as per latest BIS provisions)
4.	Structural Steel	PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL / SECONDARY MANUFACTURERS HAVING VALID BIS LICENSE (to be as per latest BIS provisions)
5.	Stainless steel (Grade 304)	Jindal / SAIL / Salem
6.	Bricks	COMMERCIALY AVAILABLE OR REQUIRED STRENGTH
7.	Aluminium Sections	HINDALCO / JINDAL / MAHAVIR
8.	Flush doors	CENTURY / MERINO / DURO BOARD / GREEN
9.	Laminates	GREENLAM / DURO / ARCHID / MERINO / DECOLAM / CENTURY
10.	Glass / Mirror	SAINT GOBAIN / MODI FLOAT / ASAHI FLOAT
11.	Ceramic Glazed tiles/Border tiles	1 ST QUALITY KAJARIA / NITCO / JOHNSON / ORIENT / SOMANY
12.	Vitrified Tiles	NAVEEN / NITCO / JOHNSON / KAJARIA
13.	Interlocking Precast pavers blocks / Kerb Stone	HINDUSTAN TILES / NIMCO PREFAB / K.K. MANHOLES/Swastik/H.C.P.
14.	Stainless Steel Hinges	JOLLY / GARG / AMIT / ASI SUPREME
15.	Stainless Steel Nuts Bolts / Screws	KUNDAN / PUJA / ATUL / GWK
16.	Paint / primer / oil bound distemper / Acrylic paint/plastic paint	1 ST QUALITY PAINTS OF ASIAN / BERGER / NEROLAC / AKZONOBAL INDIA / SHALIMAR
17.	Water Proof. Cement Paint/ Exterior paint	SNOWCEM / ASIAN PAINTS / BERGER / NEROLAC / AKZONOBAL / SHALIMAR
18.	Sanitary ware (Vitreous China) (European Seats, Urinals, Wash Basins, etc.)	HINDWARE / PARRYWARE/ CERA
19.	Seat Covers	HINDWARE / PARRYWARE/ CERA
20.	C.P. brass Fittings / Accessories	JAQUAR / MARC / CERA / ESS ESS / KOHLAR / PARKO
21.	G.I. Pipes	TATA / JINDAL (HISSAR)
22.	G.I. Fittings	UNIK / ZOLOTO / AM
23.	Stainless Steel Sink	NEELKANTH / JAINA / KINGSTON (COBRA) / NIRALI
24.	Commercial Board / PLY	MERINO / DURO / GREEN/ CENTURY
25.	CI Pipes / Fittings & Manhole covers	RIF / NECO / BENGAL IRON WORKS / BC / SKF
26.	CI Pipes "Class LA"	NICO / KESORAM / ELECTRO STEEL / KAPILANSH
27.	Floor Spring	DOORKING / EVERITE
28.	Door Closer	EVERITE / SANDHU/ HARDWIN or as approved Equivalent
29.	Bison Board	BISON / E BOARD
30.	Vertical Blinds	VISTA / MAC
31.	False Ceiling	ARMSTRONG/ SANIT GOBAIN/ META WORTH or as approved equivalent
32.	Water proofing compound	CICO / FOSROC / PIDILITE
33.	Polymer Compound	CICO / PIDILITE / FOSROC
34.	Particle Board	NOVA PAN / BHUTAN BOARD/ ECO BOARD
35.	Rust Remover / Anticorrosive	FOSROC / CICO / PIDILITE
36.	Adhesive	FEVICOL / VAMICOL
37.	Tile Adhesive	PIDILITE / BALENDURA / FERROUSCRETE
38.	Wall Putty	BIRLA / JK / FERROUSCRETE
39.	GRG Partitions	Gypsum India or as approved equivalent
40.	Insulation	U.P. Twiga Ltd or as approved equivalent
41.	Epoxy Grout	Ballendura / Kerakoll / Ferrouscrete
42.	PVC Water storage tank (ISI marked)	Sintex / Uni Plast / Polywell
43.	PVC insulated Water storage tank Heavy duty 4/5 layer	Sintex / Uni Plast / Polywell / Euro or equivalent.
44.	Brass Ball Valve/ Gate Valve / Float Valve	Zoloto / AM / Leader / Sant
45.	Aluminium Door fittings	Classic or ISI
46.	Brass Bib / Stop cock	AGI / ELITE / Shakti / Sant / Leader or ISI
47.	Thermoplastic paint	CBM, CMS, S.N. Industries and any other approved by Engineer-in-charge.
48.	Plaster of Paris Putty	SAKARNI/ ADHAR/ SHREE/ SHREE RAM/ J.K/ ASHIRWAD
49.	RCC Pipe	ISI Mark
50.	PVC Pipe	Prakash /Prince

Per 

INDIAN INSTITUTE OF TECHNOLOGY : DELHI
HAUZ KHAS : NEW DELHI

TERMS & CONDITIONS

- 1 No T & P would be supplied by the institute and contractor will have to make own arrangement.
- 2 The contractors are advised to get acquainted with the proposed work including specifications & its and additional conditions carefully before quoting. No claim of any sort shall be entertained or account of any site conditions ignorance of specification & additional conditions. The work shall be carried out as per the availability of site
- 3 The work shall be carried out as per CPWD specifications 2009 volume I & II with up – to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer –in-Charge shall be final and binding on contractor in terms of latest form 7/8 of IITD.
- 4 The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, Sales Tax & Stacking of material required at place etc.
- 5 The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.
- 6 Any damage done by the contractor to any existing item / any part of the building during the course of execution of work shall be made good by at his own cost.
- 7 Articles manufactured by the reputed firms and approved by Engineer-in –Charge shall only be used. Only articles classified as “First quality” by the manufacturer shall be used unless otherwise specified.
- 8 The sample of material required in the work brought at site shall be got approved from Engineer-in-Charge before use in execution of work.
- 9 The sample of material required for Testing shall be provided at free of cost by the contractor . Testing charges if any shall be borne by the Contractor and shall be reimbursed in case the test results are satisfactory. All other expenditure to be incurred for taking sample, conveyance, packing etc. shall be borne by the contractor.
- 10 The Engineer-in-Charge can modify the programme and the contractors have to work accordingly. In case work does not start within 7 days the same is liable to be rescinded as per latest form 7/8 IITD and In case of delay liquidated damages to be imposed on Contractors as per latest form 7/8 of IITD . Extension of time in work shall be dealt as per latest form 7/8 of IITD.
- 11 Some restrictions may be imposed by the security staff of IIT Delhi etc. on the working and or movement of labour camp/ huts shall be allowed in IIT Campus. The Contractor shall make his own arrangement for labour huts outside the campus. However constructions of cement go down and Chowkidar’s hut in the Campus shall be permitted. The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.
- 12 The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing work.
- 13 The Malba /Carbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site of MCD.
- 14 The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipments left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
- 15 Contractor has to quote against the item of schedule of credit of material. The contractor cannot quote either minus rate or Zero rate for these items. The amount against these items will be subtracted in calculating lowest agency.
- 16 Work Contract Tax @ 4% or as applicable and income tax @ 2% or as applicable and other taxes as applicable shall be deducted from the bills of contractor.
- 17 1% labour cess or as applicable will be deducted from the bills of contractor.
- 18 Water charges @ 1% of work done shall be deducted from bills.
- 19 Deviation upto 30% QUOTATION value & Extra/ Substituted items upto 30% QUOTATION value are permissible.
- 20 Electricity charges shall be deducted @ 0.5% (Half Percentage) of the bill amount.
- 21 The Clause of extension of time is also applicable as per CPWD manual.
- 22 The total value of work done amount should not be exceed to 1.25 times of quotation amount.
- 23 Water proofing bond shall be given by agency as per CPWD Performa for the period of 5 years.



SCHEDULE OF QUANTITY

Name of Work :- A.R. & M.O. Building in Hostel Area (West Campus) at IIT Delhi during the year 2014-2015.

Sub head:- Injection grouting for walls of Main Reservoir near Satpura Hostel.

S. No	Description of Items	Qty	Unit	Rate		Amount
				In figure	In word	
1	<p>Providing and inserting 12mm dia Aluminium / PVC/ G.I. injection nipples along crack lines or honey comb area including.</p> <p>i) Drilling holes of required diameter upto depths from 40mm to 80mm or half the thickness of member (which ever is less), at required spacing but not exceeding the thickness of member of 300mm.</p> <p>ii) Making Grooves of size 12mm x 12mm along crack line.</p> <p>iii) Making the crack dust free by blowing compressed air and then washing with water.</p> <p>iv) Sealing the distance between the injection nipples with approved putty (Polymer modified cement mortar putty) etc and allow it to cure.</p> <p>v) If cementitious grout material proposed to be used, washing and saturating the cracked surface with water by pumping from top most nipple and down wards complete as per the direction of Engineer in Charge (The rate shall include all material. Labour and all operations above)</p>					
1.1	<p>a. Making Grooves of size 12mm x 12mm along crack lines and cleaning either using HILTI concrete grinder or manually.</p> <p>b. Drilling and fixing Aluminium / PVC/ G.I nozzels including.</p> <p>i) Drilling Holes : Drilling 14mm dia, 40 80mm deep / as required atb the required spacing not exceeding 300mm c/c.</p> <p>ii) Fixing of Nozzles : Insert 12mm dia Aluminium / PVC nozzles in cleaned holes with the help of Sika Latex sand cement mortar and cut the nozzles after 1 day of grouting.</p> <p>c. Sealing the distance between the injection nipples with Sika Latex polymer modified mortar of cement sand at a ratio of 1:3.</p>	480.00	Nos			

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2	Injecting approved in approved grout in appropriate proportion into cracks / honey comb area of concrete / masonry by suitable gun / pump at required pressure including cutting nipples after curing etc Complete as per directions of Engineer in-Charge (The payment shall be made on the basis of actual weight of cement used in grout The rate includes the cost of cement and shrinkage compensating admixture but excludes the cost of emulsified polymer compound)					
2.1	Supply of cementitious grout ad mixed with expanding grout admixer. a. Expanding Grout ad mixer : Sika Intraplant EP. Consumption : 1% by weight of cement.	2160.00	Kg			
Total						

Special Conditions:-

- 1 No labour huts shall be allowed in IIT Campus and nothing shall be extra paid on this account.
- 2 The contractor must visit the site of work before quoting the rates.
- 3 No labour to stay in IIT Campus nothing shall be extra paid on this account.



AEE(M-III)



AEE(M-III)