

THE ORIENTAL INSURANCE COMPANY LIMITED

AHMEDABAD REGIONAL OFFICE

TENDER FOR

CIVIL WORKS IN FLAT NO: 12,

AMI JYOT APARTMENT

NEAR PARIMAL UNDER BRIDGE

AHMEDABAD.

TECHNICAL BID

ISSUED TO :

.....

.....

CLIENT :
DY.GENL. MANAGER
ORIENTAL INSURANCE CO.LTD.
3RD FLOOR, NAVJIVAN BUILDING,
OFF. ASHRAM ROAD,
AHMEDABAD – 380 014
TEL NO: 2754 0087.

ARCHITECTS :
SUKRUTI ARCHITECTS & ENGINEERS
11, MILAN PARK, CHHTRALAY ROAD,
NR. PRESIDENT HOTEL,NAVRANGPURA,
AHMEDABAD – 380 009.
TEL NO: 94263 03303 , 2646 0632.

TECHNICAL BID

- 1 : NAME :
- 2 : WHETHER PROPRIETORSHIP / PARTNERS :
- 3 : ADDRESS :
- 4 : PHONE :
- 5 : PAN NUMBER :
- 6 : I. T. CLEARANCE CERTIFICATES :
- 7 : S. T. NO :
- 8 : EXCISE NO. (IF ANY) :
- 9 : TOTAL STAFF :
- A: TECHNICAL QUALIFIED WITH QUALIFICATION :
- B: ADMINISTRATIVE STAFF :
- C: OTHERS :
- 10 : EQUIPMENT'S DETAILS & INVESTMENT DETAILS :
- 11 : WORKING CAPITAL :
- 12 : BANKERS NAME & ADDRESS :
- 13 : DETAILS OF PROJECTS EXECUTED DURING :
LAST 3 YEARS i.e. (10-11,11-12,12-2013) WITH
NAME OF PROJECT, VALUE, EMPLOYER NAME,
WHETHER HANDLED INDIVIDUALLY OR IN
ASSOCIATION. :
- 14 : DETAILS OF PROJECTS ON HAND AT PRESENT :
- 15 : EMPANELLED WITH ANY BANK OR :
GOVERNMENT ORGANISATION :

SIGNATURE OF THE TENDERER & SEAL

TENDER NOTICE

TO,

Dear Sir(s),

SUB :“PROP. REPAIRING OF CIVIL WORK IN EXISTING FLAT NO: 12, AMI JYOT APARTMENT, NEAR PARIMAL UNDER=BRIDGE,AHMEDABAD – 380 007 BELONGING TO THE ORIENTAL INSURANCE CO. LTD. 3RD FLOOR, NAVJIVAN PRESS BUILDING, OFF. ASHRAMROAD, AHMEDABAD – 380 009. “

You are requested to submit your tender for the above mentioned work to Regional Office of The Oriental Insurance Co. Ltd. At Ahmedabad for which Tender Copy showing schedule of quantities, general conditions, special conditions/additional conditions can be purchased on payment of Rs. 500.00 cash [Non-refundable] from REGIONAL OFFICE, THE ORIENTAL INSURANCE CO. LTD. 3RD FLOOR, NAVJIVAN PRESS BUILDING, OFF. ASHRAM ROAD, AHMEDABAD – 380 014 during working days from Date: 4.12.2012 to 13.12.2012 during office working hours from 10.00 Hours to 17.00 Hours. Or MAY BE downloaded from our website www.orientalinsurance.org.in

Sealed tenders accompanied by a bank draft for Rs. 20,000.00 [without interest] in favor of “THE ORIENTAL INSURANCE CO. LTD. ”[Ahmedabad] as earnest money should reach REGIONAL OFFICE, THE ORIENTAL INSURANCE CO. LTD. 3RD FLOOR, NAVJIVAN PRESS BUILDING, OFF. ASHRAM ROAD, AHMEDABAD – 380 0014 on or before dated: 28.12.2012 before 15.00 Hours in seal cover only by Registered Ad post or by Courier or may be dropped in the box placed at the reception. The date of opening of tender shall be intimated to the tenderers separately. The tenders received late on account of any reason whatsoever will not be entertained. The tender shall be valid for a period of not less than 90 days of opening of tender.

Time of completion 45 days from date of starting of work.

THE ORIENTAL INSURANCE CO. LTD. will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.

Yours faithfully,

For & on behalf

DY.GENL.MANAGER

REGIONAL OFFICE
THE ORIENTAL INSURANCE CO. LTD.
3RD FLOOR, NAV-JIVAN TRUST BUILDING,
OFF. ASHRAM ROAD, AHMEDABAD – 380 014.

LETTER SUBMITTING TENDER

Dear Sir,

With reference to the tender invited by you for the work.

I/We hereby offer to execute the work under contract at the respective rates mentioned in the schedule of quantities. I/We have seen the site, understood the general conditions of contract, special conditions, additional conditions.

I/We agree to execute the work as per specifications, general conditions of contract, special conditions, additional conditions.

I/We deposit earnest money Rs. 20,000.00 by demand draft payable at Baroda which amount shall not carry any interest. I/we do hereby agree that the sum shall be forfeited by THE ORIENTAL INSURANCE CO. LTD. event our tender is accepted & I/we fail to execute the contract when required to do so.

I/we understand that you are not bound to accept the lowest or any other tender that you received.

Yours faithfully,

(Contractor)

Signature of partner of the firm.

In the presence of our banker.

Submitted on

before

P.M.

GENERAL CONDITIONS

Sealed tenders should be addressed to DY.GENL.MANAGER, REGIONAL OFFICE, THE ORIENTAL INSURANCE CO. LTD. AHMEDABAD and super-scribed NAME OF WORK : :“PROP. REPAIRING OF CIVIL WORK IN EXISTING FLAT NO: 12, AMI JYOT APARTMENT, NEAR PARIMAL UNDER=BRIDGE,AHMEDABAD – 380 007 & should reach the T.O.I.C.L on or before 28.12.2012 before 15.00 P.M. only by Registered Post or by Courier or may be dropped in the box placed at the reception.

1. No tenders will be received after 15.00 pm on dated 28.12.2012. The date of opening of tender will be informed separately to the tenderer.
2. The tenders will remain valid for a period of three months from the date of opening of tenders. T.O.I.C.L reserves the right to accept or reject any or all tenders without assigning any reason to Do so.
3. At the time of submission, every tender must be accompanied by a demand draft of Rs. 20,000.00 in favor of “THE ORIENTAL INSURANCE CO. LTD. [PAYABLE AT AHMEDBAD”] as earnest money. No interest will be paid on earnest money. Any tender which is not accompanied by the earnest money summarily rejected.
4. The tenders should quote the rates in figures as well as in words.
5. All erasures & alterations made while filling the tender must be attested initials of the tenderer. Overwriting of the figures is nor permitted.
6. The earnest money deposit of unsuccessful tenderer will be returned after the tender is decided or on expiry of validity period.
7. The earnest money of the successful tender shall be adjusted in the security deposit.
8. The T.O.I.C.L .reserves the right to reject any or all the tenders, accept part of any tender or entrust the entire work to any contractor or divide the work to more than one contractor (item wise) without assigning any reason or giving an explanation. The rate quoted by the contractor will hold good for this bifurcation & no compensation will be paid on this account.
9. Joint tenders shall not be considered.
10. In receipt of intimation from the T.O.I.C.L of the acceptance of his tender, the tenderer within 3 days should submit his acceptance of the work order. If the successful tenderer fails to undertake the work, the earnest money deposited by him will be forfeited & acceptance of his tender may be withdrawn.
11. The rates quoted in the tender shall include all charges of scaffolding, lift, any tool & plants, railway freight, labor conditions & fluctuations in the rates, excise duty, sales tax, octroi & any other taxes or expenditure for carrying out the work.
12. The contractor will arrange for water , electricity & night security for completing the work.
13. No escalation in rates will be allowed under any circumstances.
14. The successful tenderer is bound to carry out entire work within the period stipulated in the Appendix. The tenderer will have to pay liquidated damages for non-completion of job within stipulated period at the rate of Rs. 2000.00 per day after expiry of period of completion subject to maximum of 10% of the contract value.

15. The liquidated damages as mentioned above may not be enforced if the contractor applies for an extension of time mentioning the reasons for extensions. Extension of time limit in days will be granted by the T.O.I.C.L provided that contractor is not at fault for extending the work beyond stipulated date of completion.
16. The successful tenderer is bound to carry out items of work necessary for completion of job even though the same are not included in the schedule of quantity. Rates of extra items will be derived from the tender. In case the rates do not exist in the tender & extra item is not similar to tender item, then the rates will be worked out on the prevailing market cost of material & labor, including wastage plus 15% towards tax & contractor's profit.
17. The contractor shall cooperate with other contractors appointed by the T.O.I.C.L that entire work shall proceed smoothly with least possible delay & to the satisfaction of T.O.I.C.L
18. The contractor shall remove all melba etc. wash & clean the floors at his own cost & handover the site in proper manner on the completion of work.
19. The tenderer shall acquaint himself with the site conditions, making his own arrangements for storing of materials at site, lift cartage etc.
20. Eight Percentage [8 %] of the value of work done shall be deducted as security deposit from the running bills of the contractor & will be retained for defects liability period(as mentioned in the appendix) & shall be released after the defects liability period, provided no defects are noticed during the period. The security includes earnest money deposited by the contractor with the tender.
21. The contractor, will attend to all defects noticed during defects liability period. If the contractor fails to attend the defects, these defects will be rectified by T.O.I.C.L. the expenditure incurred on this account will be recovered from security deposit.
22. The contractor shall make adequate arrangement for watch & ward of his material & shall ensure the safety, breakage & any theft of material fixed or unfixed by or other sub-contractors.
23. The work executed should be got approved by the T.O.I.C.L as well as Consultant & contractor shall rectify any bad workmanship pointed out at any stage & remove from site all the rejected materials immediately.
24. The contractor shall be responsible for application of labor laws, compensation for injury & accident to person, whether employed by him or his sub-contractor.
25. The contractor will take necessary precautions for carrying out the work avoiding any damage to structures/decorative parts of the property. The contractor will rectify any damages done at his own cost.
26. The contractor shall ensure that workmen employed by him for execution of work are suitable covered against Workmen's Compensation Act & that all liabilities arising out of Workmen's Compensation Act, ESIS & other legislative enactments applicable to such works & workmen shall be to contractor's account. Insurance policy for equal amount of Contract value should be submitted by the Contractor from Insurance Company.
27. Civil, electrical & sanitary will be carried out as per T.O.I.C.L's standard drawings/specifications & to the entire satisfaction of T.O.I.C.L
28. The contractor shall give due notice to T.O.I.C.L to check measurements of any work which is likely to be hidden before covering the same.

- 29 The contractor will submit running bills for the value of work done not less than interim payment (as mentioned in appendix) mentioning full nomenclatures of items, rates, amount, measurements, sheets, reasons for part rates claimed, if any.
- 31 In-case of non-completion or delay in completion of work or removal of defects in time, T.O.I.C.L shall be free to appoint another agency to get the job done at the contractor's risk & cost.
32. For fixed as well as loose furniture, rates quoted by the contractor will be inclusive of all taxes, including sales tax, octroi, transportation, other taxes if applicable during the execution of work will be born by the Contractor & no extra amount will be paid in this account.
33. Income tax at the rate applicable of the bill amount will be deducted at source from the contractor's bill(i.e. T.D.S.) & will be deposited with the I.T.O. as per rules.
34. T.O.I.C.L.may delay the progress of work without, in any way, vitiating the contract & grant such extension of time for the time for the commencement/ completion of the contract as it may think proper & sufficient in consequence of such delay & the contractor shall not make claim for compensation or damage in relation thereof.
35. The contractor will not execute any extra item without T.O.I.C.L. permission in writing.
36. The quantities mentioned in the schedule of quantities are approximate. Payment will be made on actual work done by the contractor. However, the contractor should not deviate the quantity without T.O.I.C.L permission.
37. Conditional tenders quoted by the tenderer is liable to be rejected.
38. T.O.I.C.L has a right to alter the nature of work & to add or omit any items of work or to have the option of the same carried out departmentally or otherwise & such alterations or variations shall be carried out without prejudice of the contract.
39. T.O.I.C.L right to terminate the contract, if the contractor abandon the work, or fails to commence & complete the work in time, or fails to abide the contract conditions.
40. Arbitration:
In case of any dispute between T.O.I.C.L. & contractor, the decision taken by the arbitrator who will be appointed by T.O.I.C.L. will be final.

(T.O.I.C.L)

(CONTRACTOR)

SEAL

SEAL

PLACE :

PLACE :

DATE :

DATE :

GENERAL CONDITIONS

1 : DEFINITIONS

A : CONTRACT

The contract documents consist of the invitation to Tender, the Agreement, the General Conditions of the Contract, Special Conditions of Contract, Specifications, the Drawings & Schedule of Quantities, including all modifications thereof incorporated in the documents before their execution & the drawings prepared by the Architect from time to time. These forms the contract.

B : SUB-CONTRACTOR

The term sub-contractor, as employed herein, includes those having a direct contract with the contractor & it includes one who furnishes material work to a special design according to the plans of specifications of this work, but does not include one who merely furnishes material not so worked.

C : PROVISIONAL SUM

Provisional sum or the provisional lump-sum shall mean a lump-sum included in the Tender Documents & shall represent the estimated value of the work for which details are not available at the time of tender.

D : WRITTEN NOTICE

Written notice shall be deemed to have been duly served if delivered in person to the individual or to a member of the firm or to an officer of the Corporation for whom it is intended, or if delivered at & written delivery receipt obtained or sent by registered mail to the last business address known to him who gives the notice.

E : THE WORK

“The Work” shall mean the works in respect of which the Tender by the contractor has been accepted & which are set out in the conditions of Contract, Specifications, Schedule of Quantities & Drawings & including all additions, substitutions & variations ordered by the Architect.

F : WORK

The term “Work” of the Contractor or sub-contractor includes labour & materials or both.

G : VIRTUAL COMPLETION

“Virtual Completion” shall mean that the “Works” are ready & fit for occupation in every respect in conformity with the Contract Documents & to the full satisfaction of the Architect.

H : WORKING DAY

“Working Day” shall mean any day from Monday to Saturday (both days inclusive) excluding all public holidays as notified by the Central Government.

I : NORMAL WORKING HOURS

Normal working hours shall mean ten (10) hours per working day. The specific timings would vary depending upon the season.

J : THE SITE

“The Site” shall mean the site of the Contract works including any building & erections thereon & any other land allotted by the T.O.I.C.L for the Contractor’s use.

K : APPROVED EQUAL

“Approved Equal” shall mean equivalent approved by the Architect.

2 : EMPLOYER , CONTRACTOR & ARCHITECT

T.O.I.C.L., the Contractor & the Architect are those mentioned as such in the Agreement & shall include their legal representative /s, assign /s, successor /s. They are treated throughout the Contract Documents as if each were of the singular number & masculine gender.

3 : SCOPE EXTENT & INTENT

A: SCOPE

The general character & the scope of the work is illustrated & defined by the signed Drawings & Specifications herewith attached.

B: EXTENT

The Contractor shall carry out & complete the said work in every respect in accordance with the Contract & with the directions of & to the satisfaction of the Architect.

C: INTENT

The Contract Documents are complementary & what is called for by any one shall be as binding as of called for by all. The intention of the documents is to include all labor & materials, equipments & transportation necessary for the proper execution of the work described in words which so applied have a well know technical or trade meaning shall be held to refer to such recognized standards as applicable.

D: ARCHITECT’S INSTRUCTIONS

The Architect may from time to time issue further supplementary drawings & or written instructions, Subject to prior approval of T.O.I.C.L. details & directions & explanations which are collectively referred to the Architect’s instructions. The Contractor shall forthwith comply with & duly execute works comprised in such as Architect’s instructions provided always that verbal instructions, directions & explanations given to the contractor or his work’s representative by the Architect shall if involving a variation, be confirmed in writing.

E : VARIATIONS

T.O.I.C.L. reserves the right to increase or decrease the scope of work on any or all items or change the nature of work involved in any or all items of the Contract. The Contractor shall have no claim for loss of anticipated profit or for any other reason whatsoever on account of these variations.

4 : SITE ENGINEER

The Architect will be represented at the site when required who will be responsible for supervision of the Contract The Contractor shall afford him all necessary facilities for the performance of his duties.

Architect shall have power to give notice to the Contractor or his Engineer of non approval of any works or materials & such work shall be suspended or the use of such materials shall be discontinued until the Architects gives written instructions to recommence the work.

5 : SITE

A : CONTRACTOR TO SATISFY HIMSELF ABOUT SITE CONDITIONS

Before tendering the Contractor shall, at his own cost, visit & examine the Site & satisfy himself as to the nature of the existing roads or other means of communication & the character of the soil & of the excavations, the correct dimensions of the work & facilities for obtaining the special articles called for the Contract Documents & shall obtain generally his own information on all matters affecting the

continuation & progress of the works. No extra a charge made in consequence of any misunderstandings or incorrect information of any or these points or on the grounds of insufficient description, will be allowed. Should the Contractor after visiting the site, find any discrepancies, omissions, ambiguities or conflicts in or among the Contract Documents or to be in doubt as to their meaning he shall bring the question to the Architect's attention, not later than 10 (Ten) days before the closing of the Tenders.

B : POSSESSION

The possession of the site shall be given on the date specified in the Appendix 1 to these conditions. The Contractor shall thereupon commence the works & regularly & diligently proceed with the same & complete the same on or before the contract date of completion.

C : TREASURES, ANTIQUITIES -- PROPERTY OF OWNER

The fossils, antiquities & other objects of interest or value which may be found on the site or in excavating the same during the progress of the work shall become the property of T.O.I.C.L.. The Contractor shall carefully take out & preserve all such objects & shall immediately or as soon as conveniently after the possession of the Architect un-cleaned & as excavated.

6: SCHEDULE OF QUANTITIES

The quantities given in the schedule of quantities are provisional & are meant to indicate the intent of the work & provide a uniform basis for tendering. The Contractor shall be paid for the actual quantities of the work executed by him in accordance with Contract Documents at the Contract rates. T.O.I.C.L. reserves the right to increase or decrease any of the quantities or to totally omit any items of the work & the Contractor shall not claim any extra or damage on these grounds. Any error in description or in quantity or omission of item in the Schedule of Quantities shall not vitiate this Contract but shall be deemed to be a variation required by the Architect.

7 : CONTRACT AGREEMENT

The selected Contractor shall enter into a formal contract with T.O.I.C.L. for the execution of work within 03 days from the date of award of contract, failing which his tender may be rejected & the earnest money deposited by him will be forfeited.

8 : ROYALTIES & PATENT RIGHTS

All royalties or other payable in respect of the supply & use in carrying out the works as described by or referred to in the Contract Drawings, the Contract Specifications & the Contract Schedule of Quantities or any patented articles, processes or inventions shall be deemed to have been included in the Contract Sum. The Contractor shall indemnify the damages, costs & expenses which may be brought or made against T.O.I.C.L. or to which he may be put by reasons of the Contractor infringing or being held to have infringed any patent rights in relation to any such articles, processes & invention.

9 : FIRE & ACCIDENT INSURANCE & WORKMEN'S COMPENSETION ACT

A ; The Contractor shall insure the works against loss or damages by fire, accident, riot, civil commotion and or all acts of God, progressively up to the full amount of the Contract. Such insurance is to be effected from time to time in the name of T.O.I.C.L. & is to be for the mount of the full value of the work as determined by the Supervising Officer. All expenses incurred on insuring the works as described above shall be fully born by the Contractor. The Contractor shall submit for inspection by the Architect the policies & receipts of the premium for such insurance & shall maintain such policies in force until the possession of the works given to T.O.I.C.L.. All such policies /premium receipts shall be deposited with T.O.I.C.L. after inspection by the Architect.

B : If the Contractor fails to comply with the terms of this conditions, the O.I.C.L. may insure the works & may deduct the amount of the premium paid from any money that may be or become payable to the Contractor, or may, at his option, refuse payments of the certificate to the Contractor until the Contract shall have complied with the terms of this conditions.

C : Such insurance, whether effected by T.O.I.C.L. or the Contractor, is to be no limit or bar to the liability & obligation of the Contractor to deliver the works to T.O.I.C.L. completed in all respects

according to this contract. In case of loss or damage due to any of the aforesaid clauses, the money payable under any such insurance shall be received & retained by T.O.I.C.L. until the works are finally completed & shall then be credited to the Contractor in final settlement of account in the event of this contract not having been previously cancelled under those conditions.

11 : SEPARATE CONTRACTS

T.O.I.C.L. reserves the right to let other contractors in connection with his work. The Contractor shall afford other Contractors reasonable opportunity for the introduction & storage of their materials & the execution of their work & shall properly connect & co-ordinate his work & theirs. If any part of Contractor's work depends for proper execution or results upon the work of any other Contractor, the Contractor shall inspect & promptly report to the Architect any defects in such work that render it unsuitable for such proper execution & results. His failure to so inspect & report shall constitute in acceptance of the other Contractor's work as fit & proper for the reception if his work, except as to the defects which may develop in the other Contractor's work after the execution of the work.

12 : TAXES

The contractor shall include in his rates for various items, the amount of sales tax & any other taxes or levies legally payable on the works & or on the materials & equipments forming part of the works.

13 : NOTICES & FEES

The Contractor shall comply with all Government Acts including any bye-laws or regulations of local authorities relating to the works & shall give all notices & pay all fees & charges demandable by law there-under & indemnify T.O.I.C.L. against the same.

14 : TIME OF COMPLETION

- A: All time limits in the contract documents shall be the essence of the contract. The Contractor obligates himself to complete the work in all respects within the time schedule stipulated in the agreement subject to any adjustment granted by the Architect in writing under the conditions of the contract in concurrence with company & shall submit to the Architect periodic verified progress reports on the first & fifteenth of each & every month.
- B: Should the Contractor be delayed or impeded in the execution of works by reasons of :
- 1 : Force Majeure (see clause 47)
 - 2 : By the works or delay of other Contractors or traders engaged or nominated by T.O.I.C.L. & not referred to in the Contract Documents.
 - 3 : The non-delivery or delay in delivery to the Contractor of any material & equipments which under the contract , the Employer is to supply or
 - 4 : Any cause, whatever, arising out of the acts or defaults of the Employer or the Architect or
 - 5 : Any accident happening to the works during their progress not arising from the neglect, default of the Contractor or his workmen or sub-contractors or
 - 6 : Extras or variations being ordered by the Architect or T.O.I.C.L..
 - 7 : Any other cause which in the opinion of the Architect has caused delay, the Contractor may from time to time, within 14 working days of the happening of any aforesaid, apply in writing to the Architect for an extension of time on account thereof, setting forth the cause of such application & duration of extension, the Architect shall, if he thinks the cause sufficient but not otherwise, by writing within 14 days from the date of the Contractor reporting to the Architect the occurrence of any of the completion of the works for such period as he shall think adequate, & the time for completion of the works so extended, shall for all purposes of the Contract be deemed the time specified for completion of the works. For such extended time limit, no claims from the Contractor for any compensation will be entertained.
- C : Unless the Contractor shall apply for an extension of the time within the period & the manner aforesaid & unless & until the Architect shall extend the time as aforesaid the Contractor shall not by any reason of any delay arising from cause aforesaid, be relieved in any way or to any extent from his obligations to proceed with execute & complete the works within the time limit specified in the contract for the completion of the work

15 : LIQUIDATED DAMAGES

The Contractor shall pay T.O.I.C.L. such sum as stipulated under item no 5 in Appendix 1 as ascertained & liquidated damages for each day, Sundays & holidays inclusive that the works remain incomplete after the contract date for completion or any extended time limit as may be granted by the Architect provided that the total amount payable by way of damages shall not be more than 10% (Ten Percentage) of the total contract amount.

16 : CONTRACTOR'S LIABILITY REGARDING DAMAGES TO PROPERTY, INJURY TO PERSONS

A: T.O.I.C.L. shall not be liable or responsible for any accident, loss, injury resulting in death or damage of any kind whatsoever happening or accruing during the term of performance of the work herein referred to & in connection therewith to persons & or property, materials & equipments & the Contractor shall fully indemnify & protect T.O.I.C.L. from & against the same. In addition to the liability imposed by law upon the Contractor for injury (including death) to persons or damage to property by reason of the negligence of the Contractor or his agents, which liability is not impaired or otherwise affected hereby, the contractor hereby assumes liability for & agrees to save T.O.I.C.L. harmless & indemnify him from every expenses, liability or payment by reason of any injury (including death) to persons or damage to property suffered through any act or omission of the Contractor, or any of his sub-contractor or any person directly or indirectly employed by any of them or from the conditions of the premises or any part of the premises which is in the control of the contractor or any of his sub-contractors or any one directly or indirectly employed by either of them or arising in any way from the work called for by this contract.

Further, the Contractor here by agrees & undertake to indemnify T.O.I.C.L. from any loss or damage or death arising out of Architects instructions by ensuring that the insurance policy taken out under this clause covers this contingency.

B : The Contractor shall submit certificates to the Architect giving evidence that he is fully insured against claims for death, injury & property damage in connections with his operations under this contract for any reasons whatsoever including acts of nature.

C : The Contractor shall obtain written certificates of similar insurance from all sub-contractor & hereby assumes responsibility for any claim or losses to T.O.I.C.L. resulting from failure of any of the sub-contractors to obtain adequate insurance protection in connection with their work on this project.

D : The Contractor shall not proceed with the work until he has received in writing from the Architects approval of the certificates of insurance required by the preceding paragraph.

E : These certificates shall be fully executed & shall state that the policies can not be cancelled. All policies shall be with insurance companies acceptable to T.O.I.C.L.

F : The Contractor shall be responsible for anything which may be excluded from the insurance policies above referred to & also for all other damages to any property arising out of & incidental to his carrying out the contract in a negligent or defective manner. He shall also indemnify T.O.I.C.L. in respect of any costs, charges or expenses arising out of any claim of proceedings & also in respect of any Award of or compensation of damage arising there from. T.O.I.C.L. shall be at liberty to & is here by empowered to deduct cost, charges & expenses arising or occurring from or in respect of any such claim or damage from any sum or sums due to or become due to the Contractor.

G: The Contractor shall continuously maintain adequate protection of all his work, materials & equipments from damage, destruction's or loss & shall protect T.O.I.C.L.'s property from injury arising in connection with this Contract. He shall cover up & protect the works from weather & suspend all operations during adverse weather conditions which in the Architect's opinion will be detrimental to the works. In default, the Contractor shall make good any such damage, destruction, loss or injury.

H : When so ordered by the Architect, the Contract shall suspend any work that may be subjected to damage by climatic conditions.

17 : LABOUR REGULATIONS

A: The contractor shall be wholly & solely responsible for full compliance with the provisions under all

labor laws & or regulations such as Payments of Wages Act 1936. Minimum Wages Act 1948, Employers Liability Acts 1938, Workmen's Compensation Act 1923, Industrial Dispute Act 1947 & the Maternity benefit Act 1961, Contract Labor (Regulation & Abolition) Act 1970 & Central Rules 1971, Apprentice Act 1961 or any modifications thereof & rules there-under from time to time.

B : The Contractor shall at his own expense comply with or cause to be complied with Model Rules for Labor Welfare framed by Government or other local bodies from time to time. For the protection of health & for making sanitary arrangements for workers employed directly or indirectly on the works & the workers hutment's area. In case the contractor fails to make arrangements as aforesaid, T.O.I.C.L. shall be entitled to do so & recover the cost thereof from the Contractor.

C : The Contractor shall not employ any labor under 14 years of age on the job. If female labor is engaged, the Contractor shall make necessary provision at his own expenses, for safe guarding & care of small children & keeping them clear of the site of operations. No labor shall reside within the site except authorized guards.

18: CONTRACTOR'S SITE ORGANIZATION & EQUIPMENT

A : ENGINEER - INCHARGE

The Contractor shall ensure continued effective supervision with the help of a qualified, experienced & competent Engineer assisted by adequate staff as ascertained by the Supervising Officer for the entire duration of the works. The Engineer-in-charge will be responsible for carrying out the work to the true meaning of the drawings, conditions of contract, specifications, schedule of quantities & Architect's instructions & directions to the satisfaction of the Architect. Any direction or instruction given to the Contractor officially. Attention is called to the importance of requesting written instruction from the Architect's before undertaking any work where Architect's direction or instructions are required. Any such work done in advance of such instructions will be liable to be removed at the Contractor's cost. No staff shall be transferred from the work without the written permission from the Architect.

B : EQUIPMENT

The Contractor shall provide & install all necessary hoists, ladders, scaffolding, tools, tackles, plants & all transport for labor, materials & plant necessary for the proper carrying on, execution & completion of the work to the satisfaction of the Architect.

C : SECURITY

The Contractor shall provide adequate number of watchmen to guard the site premises, materials & equipment at all time at his expenses.

D : STORAGE OF MATERIALS

The Contractor shall provide, erect & maintain at his expense proper waterproof shade for storage & protection of construction materials & equipment's, both his own.

19 : SUB-CONTRACTORS

As soon as practicable & before awarding any sub-contractor, the contractor shall notify the Architect in writing the names of the sub-contractors proposed for principal parts of the work & for such other parts of the work as the Architect may direct for his approval. The contractor shall not employ any sub-contractor to whom the Architect may object.

20 : ASSIGNMENT & SUBLETTING

The Contractor shall not, without the written consent of the Architect as well as Company assign this contract or subject any portion of the work. Any permission to sublet parts of the work shall not absolve the contractor from any liability under this contract.

21 : CO-ORDINATION OF WORK

At the commencement of work & from time to time, the Contractor shall confirm with other contractors sub-contractors, persons engaged on separate contract in connection with the work. & with the Architect for the purpose of the co-ordination & execution of various phases of work. The

Contractor shall ascertain from other contractor, sub-contractors & persons engaged on separate contracts, in connection with the works, the extent of all chasing, cutting & forming of all opening, holes, grooves, etc as may be required to accommodate the various services. The Contractor shall ascertain the routes of all services & the position of all floors & wall outlets, traps etc in connection with the installation of plant, services & arrange for construction of work must not be done unless specifically authorized in writing by the Architect. All breaking shall be done by the Contractor for Civil work & no work shall be done over broken or patched work without first ascertaining that the broken surface is adequately prepared & reinforced to receive & hold the future work.

22 : PROGRESS PAYMENT

A : Unless otherwise provided in the contract & subject to these conditions, the Contractor shall from time to time be entitled to receive payment on the basis of the actual work executed, approved & certified by the Architect, subject to deduction as hereinafter mentioned. The T.O.I.C.L.'s decision shall be final & conclusive. The Contractor shall submit 4 (Four) copies of bills duly supported by actual measurements & duly verified by the site Engineer at intervals of not less than 20 (Twenty) days, provided the value of the bill is not less than minimum value stipulated in Appendix -1. If the bill value is less than the value specified in Appendix - 1 such bills will be not be considered. From every intermediate bill, a sum of five (%) percent of the value of the work done shall be retained un-till the expiry of the defects liability period. No interest shall be due to the Contractor for sums retained by the T.O.I.C.L. All intermediate payments shall be regarded as payment for work actually done & complete. Intermediate payments do not imply acceptance of the work for which payment is made, acceptance & final payment being subject to all clauses of this contract. The final bill shall be submitted by the Contractor within two months (2) of the date of virtual completion of the work taken by the Architect after due notice to each parties unless objected to within one month of their being recorded in the measurement books.

Half the amount of retention money & full earnest money shall be released to the Contractor after the entire work is certified as virtually complete by the Architect. Balance half of the retention money shall be released / refunded after expiry of defects liability period, provided that the Contractor have attended to all defects noticed during the defect liability period to the satisfaction of the Architect / T.O.I.C.L. The T.O.I.C.L.. will not accept any performance bond or fixed deposit receipt in lieu of the money to be retained during the course of construction or during the defects liability period.

B : Unfixed materials in their interim bills, the contractor may claim advance against cost of imperishable material, that have been brought to site & stored permanently for incorporation of work, to the extent of 80% of the invoiced cost of such materials, provided claims for such payments are supported by all relevant vouchers, measurement books & receipts. Only such materials as are brought to site in reasonable time for incorporation in the work shall be recommended for payment under clause 25 (a). Such materials when paid for become the exclusive property of the T.O.I.C.L. & shall not be hypothecated to any party or removed from the site regardless of weather accepted or not.

The said materials shall remain in custody of the Contractor until the work is completed & delivered to the T.O.I.C.L.. & any loss or damage shall be the sole responsibility of the Contractor. An insurance policy against theft, loss or damage by fire, accident & all materials at site for which the Contractor at his cost in the name of the T.O.I.C.L. The policy shall be kept in force till the materials are incorporated in the work. The policy & receipt for the premium shall be submitted to the Architect for his inspection & then lodged with the T.O.I.C.L.

23 : EXTRAS & VARIATIONS

A: If at any time whilst the works are in hand it shall be deemed expedient by the Architect to order material or work of a different description from that specified or to alter their situation or vary the form or dimensions of the works or of any parts thereof or to substitute one class of work for another, he shall have full power to do so & to order & direct any such variations & additions & the work involved in any such variations & additions shall be executed by the Contractor if the class of work provided for in the documents at the rates set out in the schedule of quantities & no such variations or additions shall in any way annually this contract to extend the time for in condition 17 (Seventeen) but such additions or variations shall be measured & paid for or deducted from the account of the Contractor as the case may require according to the rates set out in the Schedule of Quantities.

- B : If any of the work so ordered to be done shall not be, in the opinion of the Architect of the same value or class of work provided for in the Schedule Of Quantities, the same shall be executed by the Contractor at the rates computed in the following manner. The rates for such items of work not included in the contract shall be computed on the basis of estimated quantities of materials & labor & prevailing costs of materials & labor involved in the work & 15 % (Fifteen) percent added towards establishment, overheads & profits. But if Contractor & Architect can not agree as to the rate to be paid, the Architect may order & direct the same to be done by such person or persons as he may think fit. & such person or persons shall be permitted by the contractor to enter upon the works for the purpose of carrying out such work as is required.
- C : Before any extra work or work of an altered value or class is undertaken by the Contractor, he shall procure an order in writing from the Architect for carrying out such extra or variation of work & the Contractor shall not be entitled to any payment for such extras or variations unless he produces, if required to do so the written order from the same as aforesaid & he shall not be entitled to plead that the Architect omitted to provide such written order as it is to be distinctly understood that the responsibility for obtaining such order shall be with the Contractor.
- D : The Contractor shall not be entitled to any other rates than the rates set out in the Schedule Of Quantities on any plan that the work was in a more different position or of a different class from or in a more difficult position than that shown on the plan or described in the Specifications or schedule of quantities or carried out under circumstances not contemplated in the Specification or Schedule Of Quantities unless an agreement entitling him to payment at other than the rates set out in the Schedule of Quantities, shall have been previously made & signed by the Architect & the Contractor.

24 : OMISSION OF PORTION OF WORKS

The Architect shall have the power to direct the omission of carrying out of any part or parts of the works but not amounting to the omission of the whole. The Contractor shall not be entitled to claim any compensation on this ground.

25 : PAYMENTS WITHHELD

The Architect may withhold or account of subsequently discovered evidence nullify the whole or a part of any certificate to such extent as may be necessary to protect T.O.I.C.L. from loss on account of following :

- A : Defective work not remedied
- B : Failure of the Contractor to make payments properly to sub-contractors of for materials or labour or equipments.
- C : Damage to another Contractor or sub-contractor
- D : A reasonable doubt that the Contract can be completed for the balance unpaid.
- E : A reasonable doubt that the Contractor intend to leave work items incomplete.

26 : MATERIALS & WORKMANSHIP

- A : All materials & equipment's to be incorporated in the works shall be new materials equipment & workmanship are to be of the best quality of the specified type & to the entire satisfaction of the Architect. The contractor shall be immediately remove from the premises, any materials, equipment's & or workmanship which in the opinion of the Architect are defective or unsuitable & shall substitute proper materials, equipment's & or work man-ship for the rejected materials, equipment's & workmanship at his own cost. The term approval used in connection with this contract shall mean the approval of the Architect.
- B : The Contractor shall if required to submit satisfactory evidence as to the kind & quality materials & equipment's.
- C : Where special makes or brands are called for, they are mentioned as a standard. Others of equivalent quality may be used provided that the Architect considers the Substituted material as equivalent to the brand specified & approval is first requested in writing from the Architect. Unless substitutions are requested by the Contractor & approval by the Architect no deviation from the specification will be permitted.
- D : The Contractor shall indicate & submit written evidence of those materials or equipment called for in the specifications that are not obtainable for installation in the building within the time limit of the

contract. Failure to indicate the above within 15 days after the signing of the contract will be deemed sufficient cause for the denial of request for the extension of the contract time because of same.

E : All materials & equipment's shall be delivered so as to ensure a speedy & uninterrupted progress of the work. Same shall be stored so as to cause no obstruction & so as to prevent overloading of any portion of the structure & the Contractor shall be entirely responsible for damage or loss to the materials by weather or any causes.

F : Within 03 days after signing the contract the Contractor shall submit for approval of the Architect a complete list of all materials & equipment he & his sub-contractor propose to use in the work of definite brand or make which differs in any respect from those specified also in the particular brand of any article more than one in specified as a standard. He shall also list items not specifically mentioned in the specifications but which are reasonably inferred & necessary for the completion of the work.

G : The Contractor shall employ the right kind of workmen, tools & equipment for fabrication & install all materials & equipment whether locally purchased or imported & whether provided by T.O.I.C.L. or contractor himself. They shall be fabricated & installed without any damage & in accordance with the manufacturer's instructions & manuals. Unless specifically shown otherwise all items such as doors / windows frames suspended & other ceiling equipments etc. Shall be securely fixed to their support through expansion machine bolts, raw bolts or other approved means. Securing any items through wooden plugs shall not be permitted.

H: INSPECTION

All materials, equipment's & workmanship shall be subject to inspection examination & test by the Architect at any & all times during manufacture & or construction. The Architect shall have the right to reject defective materials, equipment's & workmanship or require its correction. Rejected workmanship shall be satisfactorily corrected & rejected materials & equipment shall be satisfactorily replaced with proper material & equipment without charge thereof & the Contractor shall promptly segregate & remove the rejected materials & equipment's from the premises. If the Contractor fails to proceed at once with the replacement of rejected materials and or the correction of effective workmanship. T.O.I.C.L. may by contract or otherwise replace such materials & equipment and or correct such workmanship & charge the cost thereof to the Contractor to proceed further with the work. The contractor shall furnish promptly without additional charge. All reasonable facilities, labour, materials & equipment's necessary for the safe & convenient, inspection & test that may be required by the Architect.

I : TESTING

All tests be conducted in a manner & through an organization selected by the Architect. The Contractor shall arrange for such tests & shall bear all expenses in connection therewith upon prior written approval to the Contractor.

27 : DEDUCTION OF UNCORRECTED WORK

The Architect deems it inexpedient to correct work damaged or not done in accordance with the contract, an equitable deduction from the contract price shall be made therefore & the Architect's decision in this respect shall be final.

28 : CORRECTNESS OF THE WORK BEFORE FINAL PAYMENTS

The Architect shall conduct a final inspection just before the virtual completion of the work & prepare a list of materials, equipment's & items of work which fail to conform to the Contract Specifications. The Contractor shall promptly replace & re-execute such items in accordance with the contract & shall bear all expenses of making good all work & the cost of all work of the other contractors destroyed or damaged by such replacement or removal. If the Contractor fails to remove & replace above rejected materials, equipment's and or workmanship within a reasonable time fixed by written notice, T.O.I.C.L. may Employ & pay other persons to amend & make good such defects at the expense of the Contractor. All expenses incurred by T.O.I.C.L. in rectifying the defects including all damages, loss & expense consequent to the defects shall be recoverable from any amount due or may become due to the Contractor.

29 : VIRTUAL COMPLETION

The work shall be conferred as virtually completed only upon fulfillment of the procedure laid down in clause above & when the Architect has certified in writing that the work has been virtually completed. The defects liability period shall commence from the date of such certificate.

30 : DEFECTS

A : The contractor shall make good at his own cost & to the satisfaction of the Architect. All defects, shrinkages, settlement or other faults, arising in the opinion of the Architect from work or materials not being in accordance with the Drawings or Specifications or Schedule Of Quantities or the instructions of the Architect, which may appear within one year after completion of the work, unexpected specialist items such as waterproofing, anti-termite treatment etc which call for longer guarantee periods.

B : Such defects, shrinkage, settlement & other fault upon directions in writing of the Architect & within such reasonable time as shall be specified therein, be amended and made good by the Contractor, at his own cost & in case of default T.O.I.C.L. may employ & pay other persons to amend & make good such defects, shrinkages, settlements of other faults & all damages, loss & expense consequent thereon incidental thereto shall be made good & born by the Contractor & such damage, loss or expense shall be recoverable from him by T.O.I.C.L. or may be deducted by T.O.I.C.L. upon the Architect's certificate in writing from an amount due to the Contractor or T.O.I.C.L. may in lieu of such amending & making good by the Contractor deduct from any moneys due to the Contractor, a sum to be determined by the Architect equivalent to the cost of amending such work. In the event of the retention money being insufficient recover the balance from the Contractor, together with any expenses T.O.I.C.L. may have incurred in connection therewith.

C : MAINTENANCE DURING DEFECTS LIABILITY PERIOD

The Contractor shall provide & maintain adequate staff & labor at his own expense to attend to defects arising in the works during the defects liability period. He shall attend the defects pointed out to him expeditiously.

31 : GUARANTEE

A : Besides guarantees required elsewhere, the contractor shall guarantee the work in general for one year as noted under clause of the General conditions.

B : All required guarantee shall be submitted to the Architect, the Contractor when requesting certification of account for payment by T.O.I.C.L..

C : All required guarantees shall be submitted to the Architect in the forms under Appendix as a per- requisite to acceptance & payment.

32 : SETTING OUT SITE SURVEYS

The Contractor shall establish, maintain & assume responsibility for grades, lines, levels & bench marks. He shall report any error or inconsistencies regarding grades, lines, levies & dimensions to the Architect before commencing work. Commencement of work will be regarded as the contractor's acceptance of such grades, lines, levels & dimensions & no claim will be entertained at a later date for any errors found.

Such surveys shall be carried out by a qualified surveyor. All bench marks to be erected by the Contractor in connection with the work shall be co-related to the permanent bench Marks established at the site.

33 : DRAWINGS, SPECIFICATIONS ETC.

A : After the Contractor has signed, the Contractor will be furnished with two copies of the plans, conditions of contract, specifications & schedule of quantities without cost to him for his own use until the completion of the contract. Additional copies of drawings & other documents will be supplied on payment to the Architect at actual cost.

- B : In general, the drawings shall indicate dimensions, positions & type of construction, the specifications shall indicate the quantities & the methods & the schedule of Quantities shall indicate the quantities & rate for each item of work. However, the above documents being complementary, what is called for by any one shall be as binding as if called for by all. In case of any discrepancies in or among the documents the most stringent of all shall apply.
- C : Any work indicated on the drawings & not mentioned in the Schedule of Quantities or Specifications or vice versa, shall be deemed as though fully set forth in each. Work not specifically detailed called for marked or specified, shall be the same as similar parts are detailed marked or specified.
- D : No deviation from the drawings, specifications & schedule of quantities shall be made. The Architect's interpretation of these documents shall be final & without appeal.
- E : Errors or inconsistencies discovered in the plans & specifications shall be promptly called to the attention of the Architect through the site engineer for interpretation or correction. Local conditions which may affect the work shall like wise be brought to the Architect's attention at once. If, at any time, it is discovered that work is being done which it is not in accordance with the approved Plans & specifications, the Contractor shall correct the work immediately. Correction of defective work shall not be a basis for any claim for extension of time. The contractor shall to carry on work except with the knowledge of the Site Engineer.
- F : Figured dimensions on the scale drawings & large scale details shall govern. Large scale details shall take precedence over scale drawings. Any work done before receipt of such details if not in accordance with the same shall be removed & replaced or adjusted as directed without expenses to the N.I.C.L..
- G : All drawings, Schedule of Quantities & Specifications & copies thereof furnished by the Architect are his property. They shall not be used on any other work & shall be returned to him at the request or at the completion of the contract.

34 : SAMPLES AND SHOP DRAWINGS

 After the award of the contract, the contractor shall furnish for approval of the Architect samples & shop drawings required by the specifications or by the Architect. Samples shall be delivered as directed by the Architect. No extra payment is due to the contractor for preparation of any samples. A schedule giving dates for submission shall be included in the time schedule described under section unless specifically authorized all samples must be submitted for approval within 03 days of signing the contract or not involved is schedule to begin.

35 : PROGRAM CHART

 C.P.M.CHART

The Contractor shall prepare integrated CPM Chart for individual buildings, showing clearly all activities from start of work to completion with details of manpower & equipment required for the fulfillment of the program & submit the same for approval to the Architect within 15 days of the award of the contract. The chart shall also indicate the scheduling of the samples, shop drawings & approvals. Thereafter on the first day of each month, for purpose of comparison, the contractor shall submit an identical chart showing the actual rate of progress as indicated in the charts, the contractor shall accelerate the work to the satisfaction of the Architect.

DAILY PROGRESS REPORT

The Contractor shall submit in duplicate on a form to be approved by the Architect a daily report giving an accurate record of the progress of the works, the number of men employed in each trade, the weather, temperature, visitors to the site & any other events influencing the progress of the works & together with copies of all delivery notes of materials & equipment delivered.

The Contractor shall impose a similar requirement on all his sub-contractors & shall incorporate such information in his own report.

36 : COVERING UP

 The Contractor must give at least three working days clear notice to the Architect & the Site Engineer before covering up any of the work in foundation & drains in order that proper measurements may be taken of the work as executed & in the event of the Contractor failing to provide such notice, he is at his own expense to uncover as required to allow the measurements to be taken & afterwards to reinstate.

37 : COMPLETION DRAWINGS

Upon completion of the whole work the Contractor shall furnish the Architect, in triplicate copies of the final survey showing final position of the buildings, roads, services, elevations of finished ground floors & grades at concerns of buildings.

38 : METHOD OF MEASUREMENT

Where work done is to be measured, the standard method of measurements in accordance with the Standard Institute shall be adopted unless otherwise specified. IN the event of any dispute with regard to the mode of measurement of the work executed the decision of the Architect shall be final & binding.

39 : TOLERANCES

The Contractor shall exercise every care to ensure that all structural members are plumb & true to dimensions called for on the drawings, to receive finishing elements such as doors, windows, fittings, fixtures, equipment's & similar items. The details of the above finishing items are based upon allowing tolerance of plus or minus 3mm from the given location. Any variations beyond this may require rectification in the structural members or may involve remarking or replacing the finishing elements, fabricated to fit into the opening or spaces as called for on the drawings. Such rectification shall be carried out by the Architect at no extra cost to the Employer. In case of separate contracts, the contractor whose work does not confirm to dimensions called for shall be liable for all the expenses which may have to be incurred for rectification or replacements as may be required by the Architect for the proper installation of finishing elements. The Architect's decision in this respect shall be final & binding on the Contractor.

40 : ARCHITECT'S STATUS & DECISIONS

A : STATUS

The Architects shall have general supervision & direction of the work. He has authority to stop the work whenever such stoppage may be necessary to ensure the proper execution of the work. As the Architect is in the first instance the interpreter of the conditions of the contract & judge of its performance, he shall side neither with the Employer nor with the Contractor but shall use his power under the contract to enforce its faithful performance by both.

B : DECISIONS

The Architect shall, within a reasonable time, make decision on all claims of the contractor & on all other matters relating to the execution & progress of the work or the interpretation of the contract documents. The decision, opinion, direction of the Architect in consultation with T.O.I.C.L. with respect to all or any of the following matters shall be final & without appeal.

- 1 : Variation or modifications of the design
- 2 : The quality or Quantity of works or the additions or omission or substitution of any work.
- 3 : Any discrepancy in the drawings or between the drawing and or specifications
- 4 : The removal and or re-execution of any works executed by the Contractor.
- 5 : The dismissal from the works of any persons employed thereon.
- 6 : The opening up for inspection of any work covered up.
- 7 : The amending & making good of any defects under defects liability period.
- 8 : Material & workmanship.
- 9 : The Contractor to provide everything necessary for the proper execution of the work.
- 10: Assignment & sub-letting
- 11: Delay & extension of time.
- 12: Termination of the contract by the owner.

C : DISMISSAL

The contractor shall on the request of the Architect immediately dismiss from the works any person employed thereon by him, who may, in the opinion of the Architect, be incompetent or misconduct's

himself & such persons shall not be re-employed on the works without the permission of the Architect.

D : ACCESS FOR THE ARCHITECT TO THE WORKS

The Architect & his representative shall at all reasonable times have access to the works & to the workshops or other places of the contractor where work is being prepared for the contract & when work is to be so prepared in workmanship or other places of sub-contractor, the Contractor shall by a term in the sub-contract so far as possible secure a similar right of access to those workshops or places for the Architect & his representatives & shall do all things reasonably necessary to make such right effective.

41 : INDIAN STANDARDS

A reference made to any Indian Standard Specifications in these documents, shall imply reference to the latest revision of that Standard, including such revisions / amendments as may be issued by the Indian Standard Institution during the currency of the contract & corresponding clause /s therein shall hold valid in place of those referred to.

42 : PROTECTION & CLEANING

- A : The contractor shall protect & preserve the works from all damage or accident by providing temporary roofs, windows and doors, covering, boxing or other construction as required by the Architect. This protection shall be provided for all property adjacent to the as well as on the site.
B : The Contractor shall properly clean the work as it progresses & shall remove all rubbish & debris from the site from time to time as is necessary & directed. On completion, the Contractor shall ensure that the premises and or site are cleaned, surplus material, debris, shades etc removed, areas under floors cleared of rubbish, gutters & drains cleared, doors & sashes cleaned, locks & fastenings oiled, keys clearly labeled & handed to the Site Engineer so that the whole is left fit for immediate occupation or use & to the satisfaction of the Architect.

43 : FORCE MAJEURE

- A : The right of the Contractor to proceed with the work shall not be terminated because of any delay in completion of the work due enforceable causes beyond the control & without the fault or negligence of the Contractor, including but not limited to acts of GOD or of the public enemy, restraints or a Governing State, fires, floods, unusually severs weather.
B : If the Contractor is wholly prevented from performance of the contract for a period in excess of thirty (30) consecutive days because of a force majeure, T.O.I.C.L. may terminate this contract by fifteen (15) days written notice delivered to the Contractor & if the period of the force majeure exceeds ninety (90) consecutive days, the Contractor may terminate this contract by fifteen (15) days written notice to T.O.I.C.L. In the event this contract is terminated, the Contractor shall be paid all costs actually incurred (which costs shall not include any other expense of the Contractor such as loss of profit, salaries of Contractor's employees. Expenses of Contractor towards maintenance of his establishment etc) for the work executed up to the date of termination. Failure to agree on an equitable adjustment shall be deemed to be dispute.

44 : TERMINATION OF THE CONTRACT BY T.O.I.C.L.

If the Contractor shall be adjudged, bankrupt or if he should make a general assignment for the benefit, if his creditors or if a receiver shall be appointed on account of his insolvency or if he should persistently or repeatedly refuse to carry on the work diligently or shall fail to accept in cases for which extension of time is provided, to supply enough, properly skilled workmen or proper materials or equipment for the progress of the work or if he should fail to make prompt payments to sub-contractors or for materials or equipment or labour or persistently disregard laws, ordinance or instructions of the Architect or otherwise by guilty of a violation of any provision of the contract or has abandoned the contract or has failed to commence the works or has suspended the works, then T.O.I.C.L. upon the recommendations of the Architect that sufficient causes exists to justify such action ,may without prejudice to any other right or remedy & after giving the Contractor seven days notice in writing, terminate the employment of the Contractor & take possession of the premises & of all materials, equipment's, tools & appliances thereon & finish the work by whatever method he may expedient. In such case the Contractor shall not be entitled to receive any further payment until the work carried out by him as per the contract terms shall exceed the expense of finishing the work including compensation for additional management & administrative services such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the

difference to T.O.I.C.L.. The expense incurred by T.O.I.C.L. & damage incurred through the Contractor's fault, shall be certified by the Architect & his decision for this matter shall be final & binding on the Contractor.

45 : TERMINATION OF THE CONTRACT BY THE CONTRACTOR

If the work should be stopped under an order of the court or either public authority for a period of three months though no act or fault of the Contractor or any one employed by him, then the Contractor may, upon, fourteen days send written notice to T.O.I.C.L. & the Architect to stop the work or terminate this contract from T.O.I.C.L. & submit claims for materials purchased & brought to site.

46 : ENTRY SITE

It is hereby expressly declared that the entry of the Contractor(s) on the site will merely as a license for carrying out the construction of work under this agreement & they shall not, by his / their being allowed such entry on the premises, acquire any right lien or interest either in the appurtenant or attached thereto & their claim found due & payable to them in accordance with the certificates issued by the Architect under the provisions contained hereafter.

50 : SETTLEMENT OF DISPUTES

All disputes & differences of any kind whatever arising out of or in connection with the contract or the carrying out of the works (whether during the progress of the works or after their completion & whether before or after determination, abandonment's or breach of the contract) shall be referred to & settled by the Architect who shall state his decision in writing. Such decisions may be in the form of a final certificate or otherwise. The decision of the Architect with respect to any or all of the following matters shall be final & without appeal.

- A: The variation or modifications of the design.
- B : The quality or quantity of works or addition or omission or substitution of any work.
- C : Any discrepancy in the drawings or between the drawings and or specifications & schedule of quantities
- D : The removal and or re execution of any works executed by the contractor.
- E : The dismissal from the works of any person employed thereupon.
- F : The opening up for inspection of any work covered up.
- G : The amending & making good of any defects under the defects liability period.
- H : Acceptability of materials, equipment & workmanship.
- I : Materials, labor, tools, equipment & appurtenances necessary for the proper execution of the work.
- J : Assignment and sub-letting.
- K : Delay & extension of work.

L : TERMINATION OF CONTRACT BY THE EMPLOYER

But if T.O.I.C.L. or the Contractor be dissatisfied with the decision of the Architect on any matter, question or dispute of any kind except the matters listed above, then & in any such case, either party (T.O.I.C.L. or the Contractor) may within fifteen days after receiving notice to such decision, give a written notice to the other party through the Architect requiring that such matters which are in dispute or difference of which such written notice has been given & no other shall be & is hereby referred to the arbitration & final decision of a single Arbitrator being a fellow of the Indian Institute Of Architect, to be agreed & appointed by the both parties or in the case of disagreement as to the appointment of a single Arbitrator to the arbitration of two Arbitrators both being Fellow of the Indian Institute Of Architects, one to be appointed by each party which Arbitrators shall before taking upon themselves the burden of reference appoint an Umpire who must also be a fellow of the Indian Institute Of Architects.

The Arbitrator, or the Arbitrators, or the Umpire have the power to open up, review & revise any certificate, opinion, decision, requisition or notice pertaining to the matters referred to them & to determine the same by his/their award. Upon every or any such references the cost of & incidental to the reference & award respectively shall be at the discretion of the Arbitrator or Arbitrator or Umpire who may determine the amount thereof or direct the same to be as between Attorney & client or as between party & party, & shall direct by whom & to whom & in what manner the same shall be borne & paid. The award of the Arbitrator or Arbitrators or the Umpire shall be final & binding on the both parties.

SPECIAL CONDITIONS

1 : GENERAL

These special conditions are intended to amplify the General Conditions of the Contract & shall be read in conjunction with the same.

2 : ORDER OF PREFERENCE

If any discrepancy is noticed between these Special Conditions & General Conditions of the Contract, the Special Conditions shall take precedence.

3 : EMPLOYER AND ARCHITECTS

The name & address of the Owner & the Architects responsible for the preparation of the contract agreements are as follows :

EMPLOYER : “ THE ORIENTAL INSURANCE CO. LTD. “
(company, under the
Insurance Companies Acquisition &
Transfer of Undertaking Act, 1970)
Regional Office, 3RD floor, Navjivan Press Building,
Off. Ashram Road, Ahmedabad – 380 009.

ARCHITECT : SUKRUTI ARCHITECTS & ENGINEERS
11, Milan park, Chhatralay Road,
Navrangpura, Ahmedabad - 380 009.

4 : SITE & SITE VISIT

The site is situated at :“PROP. REPAIRING OF CIVIL WORK IN EXISTING FLAT NO: 12, AMI JYOT APARTMENT, NEAR PARIMAL UNDER=BRIDGE,AHMEDABAD–380 007
The Contractors are requested to visit the site for site conditions before quoting the Tender.

5 : SCOPE OF WORK

The scope of the work to be carried out under this contract shall be comprise of construction of civil work for building & civil work for installation of services , Electrical Works & interior works of furniture as called for in the documents.

6 : CONTRACT DRAWINGS

The Contractor shall keep at least one copy of each drawing, conditions of contract, specifications, instructions & schedule of quantities at the Site of works, available for reference by an authorized representative of the Architect at all times during the progress of the works. The drawings shall be displayed & arranged as directed by the Architect.

7 : SCOPE OF WORK

The scope of work to be carried out comprises of the :“PROP. REPAIRING OF CIVIL WORK IN EXISTING FLAT NO: 12, AMI JYOT APARTMENT, NEAR PARIMAL UNDER-BRIDGE, AHMEDABAD–380 007 BELONGING TO THE ORIENTAL INSURANCE CO. LTD. 3RD FLOOR, NAVJIVAN PRESS BUILDING, OFF.ASHRAMROAD, AHMEDABAD – 380 014. “
as called for in the tender documents.

8 : CONTRACT DRAWINGS

The Contractor shall keep at least one copy of each drawing, conditions of contract, specifications instructions & schedule of quantities at the site of works, available for reference by an authorized representative of T.O.I.C.L / Architect at all times during the progress of the works. The drawings shall be displayed & arranged as directed by the Architect.

9 : SCHEDULE & MANNER OF OPERATIONS

Time being a very important consideration in the execution of this contract, the Contractor will be expected to furnish all labor & materials in sufficient at the work as required & so manage the operation that the work will be completed within the time stated in the contract.. In addition to providing a detailed Time & progress schedule the Contractor shall submit an outlined & graphic schedule of proposed procedures to T.O.I.C.L / Architect for approval.

The Contractor shall exercise extreme care of all items to maintain cleanliness in all operation, avoid free & accident hazards & remove all inflammable debris promptly. The site shall be kept clean of construction dirt, dust & debris & shall be maintained in a condition reasonably acceptable to the T.O.I.C.L at all times.

It shall be the SPECIFIC RESPONSIBILITY of the Contractor for Civil Work to fully advise other contractors what responsibility each has in so scheduling & performing his work as to confirm to the established progress schedule & the contract completion date approved by the Architect/T.O.I.C.L

10 : MAINTENANCE OF PUBLIC & PRIVATE ROADS

The Contractor shall make good at his own cost, all damage to private & public road, curbs & footpaths occasioned by heavy traffic, delivery of materials & building operations generally to the complete satisfaction of the Architect / Engineer-in-charge & the local authority.

11 : PRESERVATION OF TREES & SACRED TEMPLES

Protective fences for trees shall be constructed, as directed by the Architect / Engineer-in-charge as a part of the work of this contract but the Contractor should note that construction of such fences will not exonerate him of liabilities for damage in such protected areas nor in any other areas not specifically designate by the Architect / Engineer- in-charge to be protected.

The Contractor shall take all additional protective measures that may be necessary to protect all trees, bushes, shrubs, hedges & like & any other natural features & shall make good any damage at his own expense.

12 : POLICE REGULATIONS

Allow for complying with all police regulations in connection with the use of public roads & footpaths in so far they effect the works.

13 : TRESPASS

The Contractor is to take all necessary measure to prevent his workmen from trespassing upon buildings & other areas adjacent to the construction site & will be held entirely responsible for any loss or damage resulting such trespass.

14 : CLEANING & HANDING OVER

On completion of the work, the Contractor shall ensure that the premises & site are cleared of his surplus materials, debris etc, all floor cleared & cleaned thoroughly , doors & sashes cased, locks & fastenings oiled, keys clearly labeled & entire premises handed over to the Site Engineer in a condition fir for immediate occupation & use.

15 : EARNEST MONEY DEPOSIT

Earnest Money Deposit as shown in Appendix- 1 in the form given below shall accompany the Tender. Draft/Pay-order payable at Ahmedabad & drawn in favor of T.O.I.C.L. .Tenders not Accompanied by the said Earnest Money shall be liable for rejection.

16 : SECURITY DEPOSIT

The successful tenderer shall furnish an initial Security Deposit equivalent to 2.0% (Two Percent) of the value of the contract before executing the contract agreement towards proper fulfillment of the Architect / T.O.I.C.L. This initial security deposit shall be inclusive of Earnest Money already deposited by him along with his Tender. Security Deposit shall be in one of the forms stipulated for the Earnest Money earlier or by cash.

Earnest Money/ Security Deposit is liable to be forfeited if the Contractor selected for the work fails to sign the Contract Agreements within 21 (Twenty One Days) of intimation to that effect to him or fails to commence the work within 07 (Seven Days) working days from the date of commencement given in the work order.

17 : PRICE ADJUSTMENTS

The rates quoted by the contractor & accepted by the T.O.I.C.L. shall hold good till the completion of the work & no additional claims will be admissible on account of fluctuation in the market rates, increase in taxes / any other levies / fees etc.

18 : MATERIALS ISSUED AT FIXED PRICES

No price variation will be due towards the cost of materials, supplied by the T.O.I.C.L. to the Contractor at a fixed price & also towards specific constancy charges if provided for in the accepted contract or towards extra items & Prime Cost Sum Items.

19 : PRIME COST ITEMS

-
- A : Prime Cost Sum items shall be executed by persons to be nominated by the Owner on the advise of the Architect selected in such a way as may direct.
- B : The Contractor shall be paid actual prime cost plus the percentage addition quoted by him to cover all overheads & profits. He shall have to produce such quotations, invoices & receipts bills as may be necessary to show actual details of sum paid by him.

20 : INCOME TAX

An amount of 2% or equal to prevailing I.T.Rate of the value of the work done or as applicable will be deducted from all interim bills & the final bill of the Contractor & remitted to the Government treasury / Reserve Bank in accordance with the latest laws of lands.

21 : SCIENTIFIC & MEASURING INSTRUMENTS

Theodolite with optical plumbing arrangement, dumpy / tilting leveling Instruments, Prismatic Compass, Steel Tapes, Stales and all other surveying instruments found necessary on the work shall be provided by the Contractor & periodically calibrated at his expenses for the due performance of this contract as instructed by the Engineer-in-charge, throughout the period of this contract.

22 : BUREAU OF INDIAN STANDARD

A reference made to any Indian Standard Specifications in the Tender Documents, shall imply reference to the latest version of the standard including such revisions / amendments as may be issued by the Indian Standard Institution during the currency of the contract & corresponding clause therein shall hold valid in place of those referred to.

FOR WORKS EXCEEDING Rs.1.00 LAC AGREEMENT SHOULD BE DRAWN ON
STAMP PAPER

ARTICLES OF AGREEMENT

Agreement made at this day of between

THE ORIENTAL INSURANCE CO. LTD. [REGIONAL OFFICE , AHMEDABAD]

Herein referred to as T.O.I.C.L which expression shall include its heirs, executors, administrators & assigns) of the one part & herein referred to as the successful tenderer/ contractor which expression shall include his heirs, executors, administrators & assigns) of the other part. Whereas T.O.I.C.L. is desirous of carrying out the work & has caused specifications etc. describing the work to be done as per schedule of quantities, along-with the general conditions of contract, special conditions, additional conditions etc. & whereas the contractor has agreed to execute the work described in said priced schedule of quantities, along-with the general conditions of contract, special conditions, additional conditions at the respective rates mentioned in the priced schedule of quantities attached.

Whereas the contractor has deposited Rs. 20,000.00 with the T.O.I.C.L. as earnest money
for due performance of the agreement.

NOW IT IS HEREBY AGREED AS FOLLOWS :

1. In consideration of the payment to be made to the contractor as herein provided he shall upon & subject to the said conditions execute & complete the works as per the said conditions & priced schedule of quantities.
2. The T.O.I.C.L. shall pay the contractor such sums as shall become payable hereunder at the times & in manner specified in the conditions subject to verification of quantities & specifications & other parameter by Consultant
3. The said conditions shall be read & form part of the agreement & the parties hereto will respectively abide by & submit themselves to the conditions & stipulations & perform the agreement on their parts respectively on such conditions contained.

All disputes arising out of in connected with this agreement shall be deemed to have arisen in & only the court / arbitrator in Ahmedabad shall have jurisdiction to determine the same.

The several parts of this contract have been read to us & fully understood by us.

SIGNATURES :

(T.O.I.C.L.)

(CONTRACTOR)

INFORMATION TO THE TENDERER

- 1 : Tender Validity Period : 3 Months (90 Days)
- 2 : Amount of Tender Deposit : Rs. 20,000.00
(Earnest Money Deposit) (E. M. D. will not carry any interest)
- 3 : Date of Commencement : 07 days from the date of issue of work order.
- 4 : Time of Completion : 45 Days.
- 5 : Period of Defects Liability : 12 Months after the issuance of Completion Certificate.
- 6 : Compensation for Delay Liquidated Damages : 1 % of the Contract Price Per Week subject to a maximum up-to 10 % percent of the Contract Price or as directed by Bank.
- 7 : Initial Security Deposit : 2 % of accepted tender value including Earnest Money Deposit.
- 8 : Retention Money : 8 % of Gross Value of Interim Bill.
- 9 : Return of Retention Money : 50 % within 30 days after getting Completion certificate & 50 % after Defects Liability Period is over.
- 10 : Last Date of Issue of Tender : 4.12.2012 to 13.12.2012 up-to 17.00 p.m.
- 11 : Last Date of Receipt of Tender : On or before 28.12.2012 up-to 15.00 P.M
- 12 : Period of Honoring Bill : 15 Days from Architect's Certificate.
- 13 : Interim Bill Amount : Rs. 6,00,000.00
- 14 : Remark : DY.GENL.MANAGER
THE ORIENTAL INSURANCE CO. LTD.
Reserves the right to accept or reject all or any tender without assigning any reason thereof.

DY.GENERAL MANAGER
THE ORIENTAL INSURANCE CO. LTD.
REGIONAL OFFICE
3RD FLOOR,NAVJIVANPRESS BUILDING,
OFF.ASHRAM ROAD,AHMEDABAD.14

APPENDIX REFERRED TO IN THE GENERAL CONDITIONS

- 01 : DEFECTS LIABILITY PERIOD : TWELVE MONTHS
- 02 : WORK COMMENCEMENT : 07TH DAY FROM THE DATE
OF ISSUE OF LETTER
AWARDING THE JOB
- 03 : COMPLETION : WORK SHOULD BE
COMPLETED IN 45 DAYS
- 04 : PERIOD OF COMPLETION : AS MENTIONED ABOVE
- 05 : VALUE OF WORK DONE FOR PAYMENT : Rs. 6,00,000.00
- 06 : SECURITY DEPOSIT TILL COMPLETION : 8% (INCLUDING EARNEST
MONEY)
- 07 : DEPOSIT FOR DEFECTS LIABILITY PERIOD : 5 % OF TOTAL VALUE OF
WORK (INCLUDING
EARNEST MONEY)
- 08 : LIQUIDATED DAMAGES FOR NON COMPLETION : Rs. 2000.00 PER DAY SUBJECT
OF WORK WITHIN STIPULATED PERIOD TO A MAXIMUM OF 10% OF
TOTAL COST OF WORK DONE

(CONTRACTOR)

THE ORIENTAL INSURANCE COMPANY LIMITED

AHMEDABAD REGIONAL OFFICE

TENDER FOR

CIVIL WORKS IN FLAT NO: 12,

AMI JYOT APARTMENT

NEAR PARIMAL UNDER BRIDGE

AHMEDABAD.

PRICED BID

ISSUED TO :

.....

.....

CLIENT :

DY.GENERAL MANAGER
ORIENTAL INSURANCE CO.LTD.
3RD FLOOR, NAVJIVAN BUILDING,
OFF. ASHRAM ROAD,
AHMEDABAD – 380 014.
TEL NO: 27540087

ARCHITECTS :

SUKRUTI ARCHITECTS & ENGINEERS
11, MILAN PARK, CHHTRALAY ROAD,
NR. PRESIDENT HOTEL,NAVRANGPURA,
AHMEDABAD – 380 009.
TEL NO: 94263 03303 , 2646 0632.

ABSTRACT SHEET FOR CIVIL WORK ITEMS FOR FLAT NO: 12, AMI JYOT APARTMENT
 BELONGING TO THE ORIENTAL INSURANCE CO. LTD. [A'BAD. OFFICE] AHMEDABAD.
 BILLS OF QUANTITIES - SUKRUTI ARCHITECTS & ENGINEERS – 01-11 -2011

NO	DESCRIPTION	QU'TY	RATE	UNIT	AMOUNT
01	DISMANTALLING OF VARIOUS TYPES OF PLASTER	2500.00		SQ.FTS	Rs.
	Dismantling of various types of wall ceiling plaster [including base coat. The job includes disposal of scrap, making good surfaces plastering, finishing, cleaning, leveling etc. Complete. All work to be carried out without damaging the existing electrical pipes/ conduits, plumbing pipes etc. Or the concealed drainage, plumbing & electrical lines should be disconnected / removed as per requirement.				
02	PRO./APP. DOUBLE MALA PLASTER TO WALLS & CEILING	2500.00		SQ.FTS	Rs
	Providing & applying double mala plaster in C.M.: 1:4 (1 Part cement & 4 Part of coarse sand) for first coat & second coat in C.M.:1:2 (1 Part cement & 2 part of coarse sand), finished with own slurry. The job includes necessary scaffolding, watering, curing etc. Complete. The plaster should be uniform in line & level with min. 12mm thickness. With proper slope as suggested by the Architect's.				
03	PRO. & APPLYING DISTEMPER PAINTS [WALL/CEILING]	6000.00		SQ.FT	Rs.
	P & Applying Distemper paint to walls, ceiling & molding as per instructions & the process follows: Sand papering& cleaning the surface properly, filling the cracks /holes with plaster of paris, applying one coat of required primer, sand papaering & applying two coats of lapi/putty, applying second time required primer to the full surface, sand papering & applying third time touch-up lapi/puty works & painting 3 coats of approved colour/shade plastic paint after touch-up of lapi/putty in every coat. The make & shade of the company will be decided by the Architect.				
04	REMOVING OF EXI.DOORS/WINDOWS FOR REPAIRS	300.00		SQ.FT	Rs.
	Removing exi.doors/Windows from wall without damage & stacking them properly for repair				
05	PRO. & FIXING ALUMINIUM SLIDING WINDOWS	750.00		SQ.FT	Rs.
	Providing & Erecting heavy duty Aluminium anodized[Jindal Make Section] Sliding windows [5 track] with 3 sliding windows with 5 mm thick float glass & two sliding mosquito s.s.net shutter with necessary fittings & fixture in line & level with smooth movements etc. complete asper Architect's instructions.				
06	REPAIRING OF EXI.ALUMINIUM WINDOWS.	150.00		SQ.FT	Rs.
	Removing exi.Alu. windows from wall & repairing the same after cleaning track & provding necessary materials for smooth operation with necessary rubber gasket & air brush+ hardware etc complete in all respect as per Architects instructions.				
07	PRO. & FIX. M.S. GRILL IN WINDOWS	75.00		SQ.FT	Rs.
	Providing 1"x3/8 th. M.S.Flat Grill as per Architect's design with proper welding with M.S.Flat[1"x1/4"th] all side welded to vertical & fixing with necessary screws etc. This include red-oxide one coat & 3 coats of oil paints of approved color				
08	PRO.& FIX. F.R.P.WEATHER SHED OUTSIDE ON WINDOWS	225.00		SQ.FT	Rs.
	Pro. & Fix. M.S./Tube/Angle structure as per drawing & fixing 3mm thick F.R.P. Sheet fixed on top {Size : window width +9" overhang on both side of window] with sealing epoxy grout in-between F.R.P & vertical wall joint.M.s.structure to be painted with 1 coat of primer & 3 coats of oil paint of approved shed etc complete as per Architects instructions.Work is to be done on 6 th floor.				
	TOTAL AMOUNT OF THIS PAGE :				Rs.

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 BILLS OF QUANTITIES - SUKRUTI ARCHITECTS & ENGINEERS – 01-11 -2011

NO	DESCRIPTION	QU'TY	RATE	UNIT	AMOUNT
09	PRO. & FIXING WOODEN SHUTTERS/DRAWERSBELOW PLATFORM	60.00		SQ.FT	Rs.
	Providing & fixing T.W.Frame [Polished] with 19mm thick Plywood shutters which will have 1mm th. laminate of approved make/color with all side beading with necessary hardware incl.handle,hinges,magnets, stoppers etc. This will also have drawers with basket which will run on telescope channel as per Architects instructions.The entire work should be done in line & level.The drawers & shutters will have Enox sections as handle.				
10	PRO. & FIX. OVERHEAD CUP-BOARDS	50.00		SQ.FT	Rs.
	Providing 19mm th.box with necessary self of 12mm thick with balancing laminate as per requirements. Cup-board will either have T.W.Glass shuuters or Alum. Enox sections with 5mm th.flote Glass shutters with necessary hardware,hinges,fixers etc as per instructions.This cup-board will have open shelf of 6' wide below cup-board which will have laminateton both side as per instructions.				
11	REMOVING EXI.MOSAIC TILES FLOORING	1600.00		SQ.FT	Rs.
	Removing exi. Mosaic tiles flooringwith beading materials. The job includes disposal of scrap, making good surfaces of slab, finishing, cleaning, leveling etc. Complete.as per instructions				
12	PRO. & FIX. VITRIFIED TILES FLOORING	1600.00		SQ.FT	Rs.
	P & L of VITRIFIED TILES of approved make & Shade: Size: 600mmX600mm],design,color as per Architects approval which will be fixed as per manufacturers instructions with necessary cement motar in 1:4 proportions with white cement bedding coat. All joints should be properly filled with white cement as per the Architects instructions in line & level & as per drawings.This will include carting,taxes,bedding material, labour,filling joints properly, curing etc complete.	400.00 3" HIGH SKIRT'G		RFT	Rs.
13	PRO. & FIX. NEW FLUSH DOOR WITH 1MM TH.LAMINATE ON BOTH SIDE WITH T.W.BEADING	225.00		SQ.FT	Rs.
	Providing & fixing 30 mm thick flush door with 1 mm thisk laminate of approved make & shade with ½' th. Teak wood beading on all side with polish. This includes all hardware such as heavy duty hinges, handle, lock, stopper, floor stopper etc.as per Architects instructions etc. complete				
14	REMOVING EXI.GLAZED TILES FLOORING&DADO	1000.00		SQ.FT	Rs.
	Removing exi.Glazed tiles flooring & dado with beading materials. The job includes disposal of scrap, making good surfaces of slab, finishing, cleaning, leveling etc. Complete.as per instructions				
15	PROVIDING BASE COAT PLASTER TO WALLS OF TOILET	1000.00		SQ.FT	Rs.
	Pro. & Applying cement base coat uniform plaster to toilet walls in line level & making all walls & floor in right angle with wire screed to fix Glazed tiles. Plaster will be cured with watering etc. complete as per Architects instructions.				
16	PRO. & FIX. GLAZED/CERAMIC TILES FLOOR & DADO	1000.00		SQ.FT	Rs.
	Prov. & fixing ceramic/glazed Tiles of approved make/color/size as per Architects Instruction with cement+sand mixer[1:1]with white cement base in toilet walls & Floor in line & level. The floor will have proper slope so that water does not stay.All joints will be filled with white cement,				
	TOTAL AMOUNT OF THIS PAGE :				Rs.

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 BILLS OF QUANTITIES - SUKRUTI ARCHITECTS & ENGINEERS – 01-11 -2011

NO	DESCRIPTION	QU'TY	RATE	UNIT	AMOUNT
17	PROVIDING & FIXING WALL HUNG E.W.C.	3.00		NOS.	Rs.
	Providing & fixing in position 1st quality glazed vitreous chinaware, wall hung type E.W.C of approved colour & make including I.S.I. make solid plastic seat cover of suggested colour with brass hinges, chair brackets, brass screws. The job includes of provision 1# heavy duty flush cock of approved make with all required fittings complete in a perfect working order. The work also includes 15mm diameter C.P.angle cock of approved make & providing standard make jet spray with all required fittings & P.V.C.conncetions etc complete.				
18	PROVIDING & FIXING WASH - BASIN 18 " X 14 "	3.00		NOS.	Rs.
	P &F in position of 1 st quality suggested colour & make vitreous glazed chinaware wash basin of size : 18" x 16", with C.P. Perforated Grating & 30 to 32 MM bore steel C.P.Bottle trap of 1st quality complete with 32 MM diamenter G.I.Con-cealed waste pipe with all required connections.It also includes C.P. Brass angle cock, pillar cock, waste couplin,PVC connections of approved makes as per Architect's instructions.				
19	UPVC PIPE OF ISI MAKE BRAND.FITTINGS				
	Providing,laying,jointing,fixing,testing with I.SI. make UPVC concealed Pipe of approved make with fittings in concealed center point fixing in walls, floors & finishing etc. Complete. The pipe should be covered with plastic coated cottn cloth after application of the paint. The job includes making zari & finishing the same with rich cement mortar.				
a	15 mm dia.	125.00		RFT	Rs.
b	20mm dia.	100.00		RFT	Rs.
c	25 mm dia.	125.00		RFT	Rs.
d	40 mm dia	200.00		RFT	Rs.
20	PROVIDING & FIXING P.V.C. DRAIN LINES				
	Providing & fixing in position in ground or wall P.V.C (6KG/CM2) VENT / WASTE WATER PIPE LINE of approved make with necessary fittings, clamping on walls, joints filled with cement mixed linseed oil & making the joints watertight, testing the same etc. complete.				
a	75 mm dia	100.00		RFT	Rs.
b	110 mm dia.	100.00		RFT	Rs.
21	PROVIDING & FIXING C.P.FIXTURES				
a	PROVIDING & FIXING BIB COCK	6.00		NOS.	Rs.
	Providing & fixing 1/2" diameter C.P.brass heavy duty bibcock of approved make & quality with C.P. flange & extension pipe of required size.				
b	PROVIDING & FIXING PILLER COCK	4.00		NOS.	Rs.
	Providing & fixing 1/2" diameter C.P.brass heavy duty piller cock of approved make & quality with C.P. flange & extension pipe of required size.				
c	PROVIDING & FIXING ANGLE COCK	12.00		NOS.	Rs.
	Providing & fixing 1/2" diameter C.P.brass heavy duty angle cock of approved make & quality with C.P. flange & extension pipe of required size.				
	TOTAL AMOUNT OF THIS PAGE :				Rs.

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 BILLS OF QUANTITIES - SUKRUTI ARCHITECTS & ENGINEERS – 01-11 -2011

NO	DESCRIPTION	QU'TY	RATE	UNIT	AMOUNT
d	CONTROL VALVE - 1 " DIAMETER	4.00		NOS.	Rs.
	Providng & fixng Control Valve of approved make with union connections finishing etc. complete.				
e	C.I.NAHNI TRAP WITH 6" X 6"S.S.SIEVE [JALI]	8.00		NOS.	Rs.
	Providing & fixing heavy duty sill type C.I.Nahni Trap including 6"X6"S.S.Sieve finishing cleaning etc. complete.				
f	PRO. & FIXING 4 WAY DIVERTOR	3.00		NOS.	Rs.
	Providing & fixing 4way concealed diver tor of Cera make as per Architects instruction in toilet for hot & cold water mixer. This includes necessary fitting & fixtures etc. complete				
g	PROVIDING & FIXING MIRROR	3.00.		NOS.	Rs.
	Providing & fixing 5 mm thick mirror of Modi Float make to be fixed on 6mm thick BWP plywod with Burma teak moulding Patti of suggested design in lacquer polish finish.Size :2'.0"x 3'. 0"				
h	PRO. & FIX. SOAP DISH OF CROME FINISH	6.00.		NOS.	Rs.
	Pro. & fixing chrome plated matt finish soap dish of approved make as per Architects selection.				
i	PRO. & FIX. TOWEL RACK	3.00.		NOS.	Rs.
	Pro. & fixing chrome plated matt finish towel rack of approved make as per Architects selection.				
j	PRO. & FIX. NAPKIN RING	3.00.		NOS.	Rs.
	Pro. & fixing chrome plated matt finish towel rack of approved make as per Architects selection.				
k	PRO. & FIX. DIVERTOR UNITS FOR TOILET	3.00		NOS.	Rs.
	Providing & fixing 4way concealed diver tor of Cera make as per Architects instruction in toilet for hot & cold water mixer. This includes necessary fitting & fixtures etc. complete				
l	PRO. & FIX. OVER HEAD SHOWERS	3.00		NOS.	Rs.
	Pro. & Fix, over head shower of Cera make as per architects selection etc. complete in all respect at site				
m	PRO. & FIX. SPOUT OF CERA MAKE.	3.00		NOS.	Rs.
	Pro. & fixing water spout of Cera make as per Arxchitects selection with necessary fitting etc. complete				
22	PRO & INST. P.V.C. TANK [1000 LITER CAPACITY]	1.00		NOS.	Rs.
	Pro. & installing P.V.C. [SINTEX MAKE] TANK in existing loft with necessary pipe connection & installing with pump at site as per Architects instruction.				
23	REPAIR EXI. MAIN DOOR WITH MELAMINE POLISH	40.00		SQ.FT	Rs.
	Opening & repairing main door with teak veneer of 3mm thi With necessary beading, new hardwares, lock ,handle, S.S. hinges, & other fitting as per architects drg. The door will have melamine polish of approved color/shade.				
24	REPAIR & REFIXING EXI. GRILL DOOR WITH MELAMINE POLISH	40.00		SQ.FT	Rs.
	Opening & repairing main Grill door with teak veneer of 3mm thi With necessary beading, new hardwares, lock ,handle, S.S. hinges, & other fitting as per architects drg. The door will have melamine polish of approved color/shade.				
	TOTAL AMOUNT OF THIS PAGE :				Rs.

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 BILLS OF QUANTITIES - SUKRUTI ARCHITECTS & ENGINEERS – 01-11 -2011

NO	DESCRIPTION	QU'TY	RATE	UNIT	AMOUNT
25	PRO. & FIXING GYPSUM & P.O.P. DESIGN CEILING	300.00		SQ.FT	Rs.
	Providing & fixing 12mm thick gypsum Companies board with Companies sections as per design in Living Room & Master Bed room. This will also have P.O.P. Moulding as per design. Rate will be given on square foot basis. This also includes paint with necessary lapi 7 3 coats of paint etc. complete as per instructions				
26	REPAIRING & REFIFIXING WOODEN CUP-BOARDS	175.00		SQ.FT	Rs.
	Opening existing wooden cupboard shutters & repairing with required new materials & refixing the same with new hardwares. Shutters will also have 1mm Laminate fixed with beading.Inside of cup-board will be finished with 3 coats oil paint etc. complete				
27	REPAIRING & REFIFIXING LOFT SHUTTERS	90.00		SQ.FT	Rs.
	Opening existing Loft shutters & repairing with required new materials & refixing the same with new hardwares. Shutters will also have 1mm Laminate fixed with beading.Inside of cup-board will be finished with 3 coats oil paint etc. complete				
28	PRO. & FIX. NEW CUP-BOARD FOR ELECTRIC MAINS	25.00		SQ.FT	Rs.
	Providing T.W.Frame & plywood Cup-board with 19 mm thi. Plywood shutters which will have ready made grills fitted for ventilation.The cupboard will be finished as per Architects instructions.				
29	PRO. & APPLYING ACRLIC EXTERIOR PAINTS[EXTERIOR]	2500.00		SQ.FT	Rs.
	P & Applying Acrlic exterior garde paints to exterior walls with Zulla as per instructions & the process follows: Cleaning exterior surface with wire brush. Applying cement primer , papering & cleaning the surface properly, filling the cracks /holes with plaster of paris, applying necessary 2 coats of approved colour/shade as per manufactures instructions & Architects The make & shade of the company will be decided by the Architect.				
30	PROVIDING ANTI TERMITE TREATMENT IN FLAT	1600.00		SQFT	Rs.
	Providing & applying Pesticide Treatment in entire Bank premises area of "Godrej Brand " with necessary guarantee of 10 years. The work will be done after removing & re-placing existing furniture in position as per existing lay-out.				
	TOTAL AMOUNT OF THIS PAGE :				Rs.
	TOTAL AMOUNT OF ENTIRE WORKS :				Rs.

ABSTRACT SHEET FOR ELECTRICAL WORKS ITEMS FOR FLAT NO: 12, AMI JYOT APARTMENT
 BELONGING TO THE ORIENTAL INSURANCE CO. LTD. [A'BAD. OFFICE] AHMEDABAD.
 BILLS OF QUANTITIES - SUKRUTI ARCHITECTS & ENGINEERS – 01-11 -2011

NO	DESCRIPTION	QU'TY	RATE	UNIT	AMOUNT
	SUB-HEAD : - 1				
	ELECTRICAL WIRING :				
01	Electrical Light points, Exist. fan points[light duty] & separate plug points wiring using 1.5 sq.mm PVC Copper wire in 1.2 thick rigid P.V.C. pipe or in open casing & capping [where ever visile] complete with labour & material with 6 A switch & socket.				
A :	1 Control 1 light	30.00		NOS.	Rs.
B :	1 Control 2 light	15.00		NOS.	Rs.
C :	1 Control 3 lights	10.00		NOS.	Rs.
D:	Ceiling Fan point with Electronic regulator	5.00		NOS.	Rs.
02	A :Same as above but for plug point wiring on board.	05.00		NOS.	Rs.
	B : -DO- on separate Baord	05.00		NOS.	Rs.
03	Same as above but for Bell point wiring				
A :	1 Control 1 Bell	1.00		NOS.	Rs.
B :	Telephone point wiring with point outlet	5.00		NOS.	Rs.
04	Same as above but for only board complete with 16 A switch & plug socket.	10.00		NOS.	Rs.
05	Same as above but for only board complete with 20 A switch & plug socket.for Air-conditioner	04.00		NOS.	Rs.
06	Wiring Mains in open PVCpipe 1.2mm thickness 25mm size complete with material & labour.				
A :	1.5 sq.mm with earth wire one phase 2 wire.	50.00		Mts.	Rs.
B :	2.5 sq.mm with earth wire one phase 2 wire.	50.00		Mts.	Rs.
C :	4.0 sq.mm with earth wire one phase 2 wire.	50.00		Mts.	Rs.
06	Supplying & fixing cables of foloowing size complete with fitting material & labour.				
A :	4 core 16 sq.mm copper armed cable.	40.00		Mts.	Rs.
B:	4 core 6 sq.mm copper armed cable.	40.00		Mts.	Rs.
	SUB-HEAD :- 2				
11	PANEL BOARD & DISTRIBUTION BOARD : -				
1	Supplying & erecting complete with 16 gauge enclose of 120 cms x 80 cms x 30 cms size complete floor mountain type with necessary compartment including & finishing with following materials. S.F.U 1 No 200 Amp – 1 Nos 63 Amp FP RCCB with 100m A – 3 Nos. A & V meter with selector switch with RYB indicator Lamp/A meter/ Volt meter selector switch etc.	1.00.		NOS.	Rs.
2	Supplying & installing, testing & commissioning of Distribution Board with following :- Incoming 63 AFP 100 MA RCCB – 1 No. Out-going 40 ADP MCB – 3 Nos. + 16/10A SPMCB – 12Nos.	R.O.		NOS.	Rs.
3	SITC of Distribution Board with following : 25 AMP SP MCB plug socket Board for Air-conditioning [Hager Make]	R.O.		NOS.	Rs.
	TOTAL AMOUNT OF ELECTRICAL WORK				Rs.

CLIENT :THE ORIENTAL INSURANCE CO. LTD. [REGIONAL OFFICE], AHMEDABAD – 380 009.
ARCHITECTS :- SUKRUTI ARCHITECTS & ENGINEERS
 11, MILAM PARK, CHHTRALAY ROAD, NAVRANGPURA, AHMEDABAD – 380 009. – 01-11-2012

NO	DESCRIPTION
	IMPORTANT TERMS & CONDTIONS :-
01	THE RATES SHOULD BE INCLUSIVE OF ALL GOVT. TAXES,LEVIES,OCTROI, SUPPLY OF MATERIAL, EXECUTION, INSTALLATION,TESTING,COMMISSIONING ETC. COMPLETE.
02	PENALTY WILL BE IMPOSED @ 1% OF THE TOTAL AMOUNT PER WEEK MAXIMUM 10% AFTER THAT T.O.I.C.L. WILL GET THE WORK DONE FROM OTHER AGENCIES , AT CONTRACTOR'S RISK & COST.
03	VALIDITY OF THE RATES SHOULD BE FOR 90 DAYS.
04	CONTRACTOR SHALL ARRANGE FOR THE SAFETY OF THEIR MATERIALS & LABOUR AT THEIR OWN COST. T.O.I.C.L / ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY LOSS OR DAMAGE WHATSOEVER.
05	0.5% OF ELECTRICITY & WATER CHARGES WILL DEDUCTED FROM THE FINAL BILL AMOUNT OF CONTRACTOR.
06	MODE OF MEASUREMENT WILL BE AS PER THE LATEST I.S.I. CODE OR AS PER T.O.I.C.L'S GUIDELINES.
07	QUALITY OF MATERIALS/WORK-MANSHIP & TIME SCHEDULE ARE IMPORTANT FACTORS FOR THIS WORK.
08	THE WORK IS TO BE CARRIED OUT IN A MULTI-STORIED BUILDING FROM THE EXTERIOR FACE OF THE BUILDING & ALSO IN THE INTERIOR PART OF THE BUILDING. HENCE THE CONTRACTOR SHOULD TAKE NECESSARY INSURANCE OF THE WORK, MATERIAL & LABOUR ETC T.O.I.C.L./ ARCHITECT WILL NOT BE RESPONSIBLE FOR ANY INJURY OR LOSS OF LIFE OF THE PERSON THERE AT.
09	THE WORK TO BE CARRIED OU IN BOTH EXTERIOR & INTERIOR FACES OF THE BUILDING & CONTRACTOR SHALL TAKE EXTRA CARE OF THE SURROUNDING SURFACES & EXTRA CARE SHALL BE TAKEN SO THAT NO OTHER MATERIAL OTHER THAN THE SCOPE OF WORK IS REQUIRED.
10	THE WORK SHALL BE CARRIED OUT IN SUCH MANNER THAT THE RESIDENTS OF THE FLATS/OFFICE STAFF/ ADJOINING PREMISES ARE NOT PUT IN TO INCONVENIENCE. THE CONTRACTOR SHALL HAVE TO WORK AS PER THEIR CONVICNE OF THE RESIDENTS/ T.O.I.C.L'S STAFF & SHALL HAVE TO CARE EXTRA FOR THEIR ASSETS & ALL OTHER ITEMS. THE CONTRACTOR SHOULD PROTECT THEIR MATERIAL FROM DUST.THE CONTRACTOR SHALL RE-ARRANGE RESIENT'S/OFFICE ALL THE ITEMS AT ITS ORIGINAL PLACE & CLEAN THE PLACE EVERY-DAY BEFORE CLOSING THE WORK & SHOULD KEEP IN MIND THAT THE RESIDENT'S / OFFICE NORMAL LIFE/WORKING IS NOT DISTRUBED IN ANY CASE.
11	THE CONTRACTOR SHALL STACK HIS MATERIALS PROPERLY AT PROPER PLACES ENMARKED FOR THIS PURPOSE & DEBRIS ARE IMMEDIATELY REMOVED FROM THE SITE.
12	THE QUANTITIES MENTIONED IN THE TENDER ARE APPROXIMATELY & SHALL VARIFY BEFORE STARTING THE WORK. THE CONTRACTOR SHALL VISIT THE SITE TO GET AN IDEAN ABOUT THE SITE CONDITIONS BEFORE QUOTING THE RATES. THE QUANITIES ARE LIKELY TO CHANGE DEPENDING UPON THE EXACT REQUIREMENTS OF WORK AT SITE.
13	THE CONTRACTOR SHALL ARRANGE FOR SAFETY EQUIPMENTS SUCH AS SAFETY BELTS, HALMET & OTHER REQUIRED SAFETY EQUIPMENTFOR HIS LABOURS AS THE WORK HAS TO BE CARRIED OUT IN MULTY STORIED BUILDING BY USING SCAFFOLDING & OTHER CONVENIENT DEVICE.
14	THE RATES ARE INCLUSIVE OF LADDERS, SCAFFOLDING [PIPE SCAFFOLDING IS RECOMMANDED] ETC. REQUIRED AS THE WORK HAS TO BE CARRIED OUT IN MULTY-STORIED BUILDING. PROPER CARE SHALL BE TAKEN FOR THE SMOOTH EXECUTION OF WORK.
15	THE CONTRACTOR SHALL SUBMIT THE SAMPLES OF ALL MATERIALS TO BE USED IN THIS PROJECT BEFORE STARTING THE WORK.
16	THE CONTRACTOR SHALL HAVE TO CARRY-OUT TEST OF REQUIRED ALL MATERIALS IN LABORATORY AT HIS OWN COST & SUBMIT TEST REPORTS OF THE MATERIALS TO THE ARCHITECT & T.O.I.C.L.
17	THE CONTRACTOR WILL HAVE TO GIVE BAR-CHART OF THE WORK GIVING DETAILS OF EACH ITEMS WITH TIME.
18	THE CONTRACTOR WILL HAVE TO USE THE SPECIFIED MATERIALS IN THE TENDER.
19	THE WORK SHALL BE CARRIED OUT DURING THE WORKING HOURS OR LATE HOURS OF THE T.O.I.C.L. & CONTRACTOR WILL HAVE ARRANGE FOR LATE NIGHT LABOUR FORCES TO COMPLETE THE WORK IN TIME LIMIT.
20	CONTRACTOR SHOULD INTIMATE ALL GOVERNMENT DEPARTMENTS BEFORE STARTING. IF ANY PROBLEMS OCCURS, CONTRACTOR/LABOUR CONTRACTOR WILL BE RESPONSIBLE.
21	CONTRACTOR SHOULD TAKE NECESSARY INSURANCE FOR THEI MATERIAL,LABOURS FOR THE VALUE OF WORK AWARDED TO THEM.
22	CONTRACTOR WILL BE RESPONSIBLE FOR ANY NARUTAL CALMITIES DUE TO RAIN, EARTH-QUAKE, FIRE,RIOTS, FLOOD ETC. FOR ALL THESE CONTRACTOR SHOULD TAKE NECESSARY INSURANCE & SHOW POLICY OF THE SAME BEFORE STARTING THE WORK.
23	CONTRACTOR SHOULD GIVE A BOND FOR ANY LIABILITIES SUCH AS TAXES/OCTOIR/SALESTAX/ VAT TAX/EXCISE /INCOME TAX/ETC. SHOULD BE BORN BY HIM/THEIR HEIRS AS PER T.O.I.C.L.'S LEGAL DEPARTMENT INSTRUCTIONS.
24	SPECIAL NOTE TO THE TENDERER The description item shall, unless otherwise categorically stated, be held to include " Supply, Conveyance & Delivery, unloading & storing, hoisting, fixing & constructing, all labour for finishing to required shape & size, setting & fixing into position (as per Architects drawings & instructions), cutting & wastage, return or packing, taxes & duties, overheads, profit & other charges. "
25	The ARCHITECTS / T.O.I.C.L. reserves the right to select the approved make from the above list & to make change [add or delete of other make] in this list during the execution.
26	Vendor / Contractor should quote rates of items considering listed only. Second preference make would be accepted by the Architects unless & if first preference make can not be available or any specific reason. However the final decision for accepting second preference make of accepting only First preference make be that of the Architect.
27	Contractor will have to submit purchase of specified materials from manufactures/distributors saying that they have used their product.
28	The work will have to be carried out 6 th floor. So contractor should visit site & check all conditions of work at site before quoting rates.
	CONTRACTOR'S SIGNATURE WITH SEAL OF COMPANY
	ADDRESS :
	PLACE :
	DATE :

LIST OF INDIAN STANDARD REFEREED TO

I.S. No 287 - 1973	Recommendation for maximum permission moisture content of timber used for different purpose in different climatic zones
I.S. No. 1141 - 1973	Practice for grading and inspection of timbers.
I.S. No 6534 - 1971	Guiding principles for grading and inspection of timber
I.S. No. 3845 - 1966	Code of practice for joints used in wooden furniture
I.S. No 4970 - 19973	Key for identification of commercial timbers
I.S. No 3364 - (Part II) - 1975	Method of measurement and valuations of defects in timber, part II converted timber
I.S. No. 1708 - 1969	Method of testing shall clear specimens of timber
I.S. No. 2338 (part I) 1967	Code of practice for finishing of wood based materials part I operation and workshop.
I.S. No. 7360 - 1975	Methods of sampling of plywood
I.S. No. 303 - 1975	Specification for plywood for general purposes
I.S. No. 3129 - 1965	Specification for article board for insulation purposes
I.S. No. 1659 - 1979	Block boards
I.S. No. 1734 (part to XX).	Plywood method of test for Part I - General Part II - Plywood Part III - Battens
I.S. No. 710	Marine ply
I.S. No. 848 - 1974	Specification for synthetic rising adhesives for plywood.(Phonolic & Amino plastic)
I.S. No. 2046 - 1969	Specification for decorative laminate.
I.S. No. 133 - 1795	Specification for ready mixed paint brushing, wooden coating, interior to Indian standard colors.
I.S. No. 129 - 1950	Specification for enamel interior (a) under coating (b) finishing
I.S. No. 101 - 1964	Methods of test for ready mixed paint and enamel.
I.S. No. 8756 - 1978	Ball catches for use in wooden almirahs.
I.S. No. 4116 - 1976	Joints used in wooden furniture code of practice for .
I.S. No. 348 - 1966	Joints used in furniture code of practice for.
I.S. No. 4414 - 1977	Table tops (wooden)

I.S. No. 5967 - 1969	Tables, wooden method of test for.
I.S. No. 3569 - 1975	Door colures (hydraulically regulated).
I.S. No. 799- 1975	Drawer locks, cupboards and box locks.
I.S. No. 7981-(Part I) - 1975	Glossary of terms relating to builders hardware -part locks.
I.S. No. 204 - (Part I& II) 1978	Tower bolts ferrous metals and non-ferrous metals.
I.S. No. 3478 - 1966	Height density wood particleboards.
I.S. No.2835- 1977	Specification for flat transparent sheet glass.
I.S. No. 5391- 1969	Adjustable metal chairs for use of typist and operators in
I.S. No.8756 - 1978`	Ball catches for use in wooden almirahs.
I.S. No.3499 - 1976 (part II)	Chairs for office purposes metal revolving and titling.
I.S. No. 6185 - 1971	High chairs specification and safety requirements for.
I.S. No. 3564 - 1975	Door colures (hydraulically regulated).
I.S. No. 799 - 1979	Drawer locks, cupboards and box locks.
I.S. No. 7981 - (part I) -1975	Glossary of terms relating to builders hardware - part I locks
I.S. No. 204 -(part I&II) 1078	Towers bolt ferrous metals and non - ferrous metals.
I.S. No. 1761	Transparent sheet glass for glazing and framing purpose.
I.S. No. 1081	Code of practice for fixing and glazing of metal (steel and
I.S. No. 3458	Code of practice for glazing in building.

Note: The various items to be used in the interior decoration work shall be of ISI standard wherever
Not have ISI marks standard, shall be got tasted for its quality etc. at the laboratory and necessary
Shall be borne by the contractor.

APPROVED MAKES FOR VARIOUS MATERIALS IN CIVIL WORK

[A] : BUILDING MATERIAL :

- (1) : Cement : Ordinary Portland Cement made by Ambuja, Siddhi, L & T, TATA ACC [53 Grade]
(2) : Bricks : Obtained from Chimney Kiln
(3) : Sand : Coarse clean river sand free from salt & other impurities.

[B] : GLAZED TILE :

- (1) : Glazed Tiles : First Quality Tiles of
Kajaria, Somani, Johnson, Sonara make [Size: 8"x 8 "]
80 % Light & 20 % Special in Colour Finish & Shade) as suggested by the Architect.
(2) : FLOORING TILES : " V-5" GRADE TILE [600X600] SIZE [ITALIC MAKE]

[C] : PAINT / POLISH :

- (1) : Paints : I.C.L, Narolac Goodlass, Asian Paints, Berger Paint, Royal Paint.
(2) : Anti Corrosive Paint : TECHCOAT from Choksey Chemicals or any other equivalent.
(3) : Red Oxide : Narolac , Asian, Shalimar.

[D] : GLASS / MIRROR :

- (1) : Glass : Saint Gobbin , Modi Guard, Indo Assai.
(2) : Mirrors : Saint Gibbin, Modi Guard, Gold fish.

[E] : PIPE / PIPE FITTINGS :

- (1) : G.I. Pipes : TATA " C " Class
(2) : G.I. Fittings : " R " Brand fittings
(3) : Bib Cock, Stop Cock, Angle Cock & other fixtures : Essco, ESS-Ess, Jaguar [Half Turn]
(4) : Control Valve : Crown, Prince, Samrat.
(5) : PVC Pipe : Prince Supreme - 6 kg ISI make.

[F] : SANITARYWARE :

- (1) : Virtuous China Ware : Cera, Hindustan Sanitary ware, Perry ware.
Wash Basin, E.W.C etc.
(2) : Toilet Accessories : ESS ESS / Surya

[G] : WATER-PROOFING :

- (1) : Water-proofing Compound: Choksey, Chembond, Roff- Polyurethane coating, Pedilite.

1. The ARCHITECTS / N.I.C.L. reserves the right to select the approved make from the above list & to make change [add or delete of other make] in this list during the execution.
2. Vendor / Contractor should quote rates of items considering listed only. Second preference make would be accepted by the Architects unless & if first preference make can not be available or any specific reason. However the final decision for accepting second preference make or accepting only First preference make be that of the Architect.

