



दि ओरिएण्टल इन्शुरेंस कम्पनी लिमिटेड
The Oriental Insurance Company Limited

**TENDER FOR REPAIRING & RENOVATION WORKS OF SAKET ROW HOUSE
AT
MEMNAGAR, AHMEDABAD.**

COPY ISSUED TO

M/S

PHONE NO.

MOBILE NO.

FAX NO.

E.MAIL I.D

CLIENT:

REGIONAL MANAGER

Oriental insurance company
Regional office,
Navjivan press,
Income tax Ahmedabad

CONSULTANT:

Shyamal Gandhi & Associates

21, Virnagar society,
Opp. I.D.B.I. Bank, Kiranpark,
Ahmedabad - 380 013
Phone/Fax: 079-27640161
M: 98250-66784



Shyamal Gandhi & Associates
Consultant

TENDER NOTICE

MEMORANDUM OF WORK

Oriental insurance company invites item rates sealed tenders from qualified contractors for the work mentioned below.

1.	Name of work	TENDER FOR REPAIRING & RENOVATION WORKS OF SAKET ROW HOUSES NO.114,128,129 & 130 AT MEMNAGAR, AHMEDABAD.
2.	Registration and minimum eligibility Criteria	<p>1. The contractor having experience of such type of works & The contractor should have successfully completed similar works during last three years ending Mar 31,2015 should be either of the following. The contractor should have completed three number of similar works each costing not less than 20 lacs.</p> <p>OR</p> <p>The contractor should have completed minimum two similar works each costing not less than 25 lacs</p> <p>OR</p> <p>The contractor should have completed one similar costing not less than 35 lacs</p> <p>Similar work means work including Tile flooring Civil, Plumbing & Sanitary Painting etc works for Govt.or semi Govt.Body</p> <p>1. The contractor should submit work completion certificates /Registration of service tax/Vet issued by respective authority.</p> <p>The authentic certificates / testimonials in support of minimum eligibility criteria shall have to be enclosed with the tender documents failing which the tender shall be rejected out right.</p>
3.	Tender fee	The blank tender forms can be obtained from the office of The Oriental Insurance Co. Ltd, Regional Office, 3rd Floor, Navjivan Trust Bhavan, B/h Gujarat Vidyapith, Opp Ashram Road, Ahmedabad - 380014 or the consultant architect's office at Shyamal Gandhi & Associates, 21, Virnagar Society, Opp-IDBI Bank, Kiran Park, Ahmedabad-380013 between 10.00 AM to 16.00 PM from 22/02/2016 to 14.03.2016 on payment of Rs.1000/- (Rupees one thousand only) in cash or by Pay Order/ Demand Draft payable at Ahmedabad, nonrefundable, in favour of THE ORIENTAL INSURANCE COMPANY LIMITED or can be downloaded from company web site www.orientalinsurance.org.in and said payment can be made along with tender submission..
3.	Time Limit	60 days
4.	Earnest Money Deposit	₹.36,000/- to be submitted in the form of D.D. in favour of Oriental insurance company, Ahmedabad (<u>D.D to be enclosed with the tender with technical bid</u>)
5.	Tender documents Issue period	From 22/02/2016 to 14.03.2016
6.	Tender fee	₹. 1000/
7.	Last date of receiving tenders.	Dt. 14.03.2016 up to 14.00 Hrs. Tenders received after this date



Shyamal Gandhi & Associates
Consultant

		and time will not be entertained under any circumstances.
8	Date of Opening of Tender	Technical Bid on Dt.15.03.2016 at 16.00 Hrs. Or date Which fixed shall be informed separately to contractor
9	Mode of sending the Tender Documents	By hand delivery only addressed to. The Regional Manager, Oriental Insurance Company. Regional office, Navjivan press, Income tax, Ahmedabad.

Note :- Conditional tenders are liable to be rejected. Oriental insurance company reserves the right to reject any or all the tenders without assigning any reasons thereof.



Shyamal Gandhi & Associates
Consultant

Information to Tenderers

- Name of Work:** Repairing & Renovation Works of Saket Row House
No.114,128,129 & 130
1. **Earnest Money Deposit** : ₹.36,000/- to be submitted in the form of D.D. in favour of Oriental insurance company, Ahmedabad valid for 180 days
 2. **(A) Security Deposit** : Total 10 % of tender amount as S.D.
 3. **Mode of sending the tenders in duplicate.**
In sealed cover by R P A D/ Speed post / courier or hand delivery only. : In sealed envelope super scribed the name of work.
 4. **Tender validity period** : 90 days
 5. **Time of completion** : 60 days. (3 days after the contract is accepted by the contractor)
 6. **Retention Money** : 5 % of tender amount.
 7. **Defect liability period** : 12 months after issue of completion certificate. Retention money shall be released after completion of defect liability period.
 8. **Compensation for delay** : 1% of tender amount per week but not exceeding 10 % of total contract value, there after client may arrange to get the work done through some other agency.
 9. **Last date of receipt of tender by RPAD /speed post /courier** : As mentioned in tender notice.
 10. **Place of receiving Tender Copies** : The Regional Manager, Oriental insurance company, Regional Office, Navjivan Press, Income tax, Ahmedabad.
 11. **Minimum value of work for interim bills** : ₹. 6,00,000/
 12. **Insurance:** : Workers insurance
Contractor's risk policy

The Oriental company 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 what so ever.:

- (a) To accept or reject any tender in whole or in part.
- (b) To increase or decrease the quantities of any item and tendered has to execute the same at the rate quoted.
- (c) To allot/issue work order of all four No.works to one agency or in pieces to different agencies

Sealed Tender in duplicate should be addressed to
THE REGIONAL MANAGER
REGIONAL OFFICE,
ORIENTAL INSURANCE COMPANY,
NAVJIVAN PRESS,
INCOME TAX
AHMEDABAD,



Shyamal Gandhi & Associates
Consultant

1. No tender will be received after **2.00 p.m.** on Dt. 14.03.2016 under any circumstances whatsoever.
2. The contractors are not expected to include any conditions contrary to tender provisions. However, if it is necessary to include certain conditions, the same should be submitted in separate sealed cover. To facilitate the processing of offers, two separate sealed envelopes, one containing conditions or non-conditions statement and the other containing the prices tender only in the stipulated form should be submitted. All letters, enclosures, tenders etc., should be submitted in duplicate. The tenders should be put in 2nd envelopes. The covers should be suitably super scribed indicating the contents. All letters, enclosures, tenders etc., should be submitted in duplicate. The tenders should clearly indicate on each copy of the priced tender, under their full signature, whether it is the original or duplicate copy.

A. MODE OF SUBMISSION OF TENDER:

The tender shall be submitted in accordance with the procedure detailed herein. Specified documents shall be sealed in two envelopes of appropriate sizes and envelope should be properly super scribed as: Envelope no. 1. EMD and other documents; and envelop no. 2; prices & bill of quantities only.

(a) ENVELOPE MARKED AS FIRST COVER:

Envelope marked as first shall contain

- I. Earnest money deposit in the form as indicated as above.
- II. Covering letter to the tender and tender documents issued by the Consultants. (excluding priced tender duly signed.)
- III. Any comment which the tenderer desired to make in the form of a statement as brief as possible and with proper reference to the items, clauses and pages of the documents to which the comments pertain.
- IV. The name and addresses of the bankers to the tenderer.
- VI. Complete set of tender drawings with signature of the tenderer and seal.
- VII. Whether the tendering firm has ever been black listed ? If yes, give details.
- VIII. Details of registration with Nationalized Banks / Public sector undertakings / government / Semi Government organizations.
- IX. Certificate of performance from their previous clients.
- X. Detail about constitution of firm - whether proprietorship, partnership, private public ltd Co., cooperative body etc.
- XI. Name/s or proprietor / partners / Directors etc.
- XII. Registration date/Service tax & wet Rg.certificate.
- XIII. Please take a careful note that the quoted tender price should not be indicated in any of the documents enclosed in envelope marked FIRST.
- XV. The aforesaid information / document EMD along with tender documents (excluding priced tender) issued by the Consultants should be put in the envelope marked FIRST in duplicate and duly signed by the tenderer and should



Shyamal Gandhi & Associates
Consultant

b) ENVELOPE MARKED AS SECOND COVER:

Envelope marked SECOND COVER shall contain only price tender in duplicate duly signed and duly filled in rates and amount in words and figures by the tenderer and should be properly sealed.

B. OPENING OF TENDERS:

(a) The sealed envelopes marked FIRST COVER containing the tender documents / EMD / OPENING OF TENDERS:

- (a) The sealed envelopes marked FIRST COVER containing the tender documents / EMD / other information as mentioned in a paragraph A (a) above shall be opened in the office of **The Regional Manager, Oriental insurance company, Regional Office, Navjivan Press, Income tax, Ahmedabad..** on Dt. 15.03.2016 at **4 P.M** in presence of representatives of the Consultants and authorized representatives of tenderers who choose to remain present.
 - (b) If the earnest money deposit and other information / documents called for are not found as prescribed in paragraph A(a) above, the tender shall be rejected.
 - (c) **The tender which is found suitable technically as well as financially whose past performance is found satisfactory to carry out works of similar nature and magnitude as per the details submitted by them and who have fulfilled all other requirements as mentioned in paragraph A(a) will be considered for discussing conditions, if any and then priced tender enclosed in envelope marked as SECOND COVER will be opened of such selected contractors. The price bid of rejected tenderer keeping in view the FIRST COVER will not be opened and E.M.D. without interest will be returned to them as soon as the bank takes any decision to this effect.**
 - (d) The selected contractors will be intimated by the bank regarding opening of the SECOND COVER containing priced tender. The tenderer or his authorized representative who is competent to take on the spot decision in the matter should be present. After discussing the conditions, if any, and after standardizing / withdrawing the conditions, the selected contractors will have to submit their offer in a separate cover and sealed cover containing priced tender (submitted earlier) will be opened simultaneously.
 - (e) After opening the envelope containing the offer on the standardized conditions and opening of the priced tender, no correspondence / revised offer whatsoever may be in nature, will be entertained.
 - (f) The tender shall remain open for acceptance by the bank for a period of 3 (three) months from the date of opening of the SECOND COVER containing the priced tender which may be extended further by mutual agreement and the tenderer during validity period failing which EMD will be forfeited.
 - (g) The tenderer must use only the tender forms/documents issued by the Bank. If given space falls short for furnishing the information / separate sheet may be added duly signed by the contractors.
 - (h) The Company reserves the right to reject or select the tender for opening the priced tender and also the bank will not be bound to accept the lowest tender and reserve the right to accept or reject any or all the tenders without assigning any reason whatsoever.
3. Tenderer are requested to read the tender documents, general conditions, special conditions, drawing, specifications, schedule of quantities, etc. carefully and offer most competitive rate after visiting site. The clause of Notice Inviting tender prevails over general terms and special terms of contract.



4. The date of completion of job is the essence to this contract. The contractors are therefore requested to complete the job in the stipulated time. Any deviation with respect to time or specification Oriental company prejudice has right to
 - (a) Cancel / Revoke the order.
 - (b) Impose penalty up to 10 % of the total value of job.
5. Contractor in their own interest are advised to visit the site & get themselves familiarize in the prevailing situations before submitting their rates. No claim whatsoever for ignorance, misunderstanding shall be entertained later.
6. **The proposed works are to be done at ground & first floor.**
7. The contractor shall be responsible for making good in expeditions & workman like manner. Any defects, which may be found with in one years of the handing over the premises, put to beneficial use. In case contractor fails to do so, the same would be got done at his cost & risk. The cost incurred by the Oriental company shall be deducted from the retention money or any other dues.
8. Rates quoted shall be inclusive of all taxes, levies, duties & all charges such as freight, insurance, octroi, loading/unloading, unpacking & moving the position in site, etc. for complete item.
9. The schedule of quantities is only approximate & all the work executed shall be paid for in accordance with the actual measurements as per relevant part of IS : 1200 : 1974 or otherwise provided.
10. In case of any dispute, the same shall be referred to court at AHMEDABAD and its decision shall be final & binding on both the parties.
11. An item rate tender containing percentage below / above will be summarily rejected. However if the Tender voluntarily offers rebate for payment with in stipulated period, this may be considered.
12. The tender documents shall be duly filled in and signed by the tenderer and shall be addressed (in sealed cover) to the office of **ORIENTAL INSURANCE COMPANY Ahmedabad** – The full name and address of the tenderer and name of the work shall be written on the cover.
13. Unit rates shall be quoted in English in figures as well as in words with reference to each item and for all items shown in the attached schedule of quantities. The amount of each item should be worked out.
14. All entries in the documents shall be clearly written and shall be in ink. corrections if any shall be clearly made any duly signed and dated by the tenderer erasing and over writings and shall not be permitted and the tender liable for rejection.
15. The tender shall sign and every page of the tender documents including the layout drawings attached here to.
16. Each tender shall be signed by the tenderer with his usual signature. Tender by Partnership of Hindu joint family firm may be signed in the firm's name by one of the partners of the Karta or Manager as the case may be or any other duly authorized representative followed by the name and designation of the person so signing. An attested copy of the partnership firm shall also be attached.. Tender by a shall be signed with the name of the company by persons authorized in this behalf and power of attorney or other satisfactory proof showing the person signing the tender as the authorized person to do such documents on behalf of the company is duly authorized to do so shall accompany the tender.
17. Unless otherwise specified all the rates and prices in the tender shall cover sales taxes, octroi, vat, other taxes and duties, and transportation, sales tax on work contract etc.



18. Tender not containing the full particulars as mentioned above or as called for in the special conditions is liable to summarily rejection.
19. With their quotations the tenderer shall sign all the schedules specifications, special conditions, etc. in taken of acceptance here of. The signature on the tender schedule alone shall also be deemed to be taken as acceptance of all these.
20. The unsealed tenders, tenders not super scribed as the prescribed tender documents, conditional and unsigned tenders, tenders containing absurd rates and amounts, tenders that are incomplete or otherwise considered defective are liable to be rejected.
21. In the event, there are two more parties between whom the work has been split, the contractor carrying out relevant work entrusted to him shall work in close coordination without causing any delay or hindrance to other agencies. Employer has the right to omit at his discretion one or more items of work when placing the order.
22. The work shall be deemed to have commenced from the date on which the contractor takes over the site or issue of work orders whichever is earlier. The site will be handed over to the contractor only on submission of initial security deposit.
23. The contractor shall give a program for the execution of the work during the total contract period and get it approved by the employer and the Consultant. In case of delay in progress of work at any stage, the employer shall issue the contractor a memo in writing pointing out the delay in progress and asking the contractor to explain the causes for the delay within 3 days of receipt of the above. The employer reserves the right to determinate the contract and forfeit the security deposit if satisfactory explanation is not offered by the contractor for delay in execution of work.
24. It will be obligatory on the part of the tenderer to sign on each & every page of the tender & all components of the tender. Conditional tender shall be summarily rejected.
25. The samples of all the material & work item shall be got approved from the Consultant or his representative before proceeding further on the work.
26. The drawing contains sketches showing salient features details at the various scales indicating extent of work & specifications to be followed. These can be modified by the Oriental company from time to time in accordance with technical requirements at the site.
27. Any damage done to the property of the Oriental company during execution of the work shall be responsibility of the contractor & it shall be made good by him, at his cost to the entire satisfaction of Consultant/Oriental company.
28. The Consultants shall have full power to get the material or workmanship etc. inspected & tested by an independent agency for its soundness & adequacy at the cost of contractor.
29. The contractor shall examine all drawings before quoting & commencing of actual work & report to the Consultant/Oriental company any discrepancies for omission & shortcomings in the drawings.
30. The work shall be of highest standard both as regard to material & workmanship. Modern tools & first-class latest techniques shall be employed for its execution.
31. The work shall be done as per accordance with the company guidelines.

Signature of contractor with seal



Shyamal Gandhi & Associates
Consultant

ARTICLES OF AGREEMENT

Articles of Agreement made this at **Ahmedabad** on thisday of2016, Between **The Regional Manager, Oriental insurance company, Regional Office, Navjivan Press, Income tax, Ahmedabad.** (hereinafter called "the Employer" of the one part), and Name : M/s..... (Hereinafter called the contractor of the other part) Where as the employer is desirous of having civil & Interior work and has caused drawings and specifications describing the work to be done as prepared by **Shyamal Gandhi & Associates**, Consultant, 21, Virnagar soc. Nr. Gayatri Hospital, Kiranpark, Ahmedabad - 13, as its Consultants and whereas the said drawings have been seen, the specifications and/or the schedule of quantities have been signed by or on behalf of the partners hereto the contractor and whereas the contractor has agreed to execute upon and subject to all conditions of contract (all of which are collectively hereinafter referred to as "the said conditions") the work shown upon the said drawing and/or described in the said specifications and included in the said schedule of quantities at the respective rates mentioned in the priced schedule of quantities of ₹. (**Rupees:**) and where as the contractor has deposited ₹. **8500** with the employer/ consultants for the due performance of his agreement.

NOW IT IS HEREBY AGREED AS FOLLOWS

1. In consideration of the said contract amount to be paid at the time and in the manner set forth in the said conditions execute and complete the work shown upon the said drawings and described in the said specifications and the schedule of quantities, either in whole or in part.
2. The employer shall pay the contractor the said contract amount or such other sum as shall become payable at the time and in the manner hereinafter specified in the said conditions.
3. The term "the Consultants" in the said conditions shall mean the said Shyamal Gandhi & Associates, 21, Virnagar soc. Nr. Gayatri Hospital, Kiranpark, Ahmedabad - 13. Consultant, or in the event of their death or ceasing to be the Consultants for the purpose of this contract, such other person or persons as shall being a nominated for the purpose by the employer not being a person to whom the contractor shall object for reasons (maintained in said conditions) considered to be sufficient by the employer. Provided always that no person or persons subsequently appointed to be Consultants under this contract shall be entitled disregard or overrule any previous decision or approval or direction given or expressed in writing by the Consultant for the time being.
4. The said conditions and appendix shall be read and construed as forming part of this agreement and the parties here to shall respectively abide by to submit themselves to the conditions and perform the respective agreements on their part as contained in the said conditions contained.
5. The structural consultant refers to Shyamal Gandhi & Associates Consultant, or appointed by him.
6. The plans, agreements and documents mentioned herein shall form the basis of this contract.
7. The contract is neither a fixed lump sum contract nor a piece work contract, but is a contract to carry out work in respect of the Civil & Interior work items of **Oriental insurance company**, Ahmedabad, Gujarat. and also some addition and alteration works to be paid for according to actual measured quantities at the rates contained in the schedule of rates and probable quantities as provided in the said conditions.
8. The contractor shall afford every reasonable facility for the carrying out of the all works relating to Civil & Interior work items of **Oriental insurance company**, at Ahmedabad, Gujarat. telephone, electrical installation fittings, air-conditioning and other ancillary works in the manner laid down in the said conditions, and shall make good any damage done to walls, floors etc., after the completion of his work.



Shyamal Gandhi & Associates
Consultant

9. The Employer reserves to itself the right of altering the drawing and nature of the work by the adding to or omitting any item of work or having portions of the same carried out without prejudice to this contract.
10. The employer through the Consultant and civil engineers reserves to himself the right of altering the drawing and nature of the work of having portions of the same carried out without prejudices to this contract.
11. The said conditions shall be read and construed as forming part of this agreement and the parties hereto will respectively abide by to submit themselves to the conditions and stipulations and perform the agreements of their parts, respectively in such conditions contained.
12. Time shall be considered as the essence of this agreement and the contractor hereby agrees to commence the work soon after the site is handed over to him or from issue of formal work over as provided for in the said conditions. Whichever is late and to complete the entire work within **60 Days** subject never the less to provisions for extension of time.
13. All payments by the Employer under this contract will be made only at Ahmedabad.
14. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen in Ahmedabad and only the courts in AHMEDABAD shall have jurisdiction to determine the same.
15. The several parts of this contract have been read and fully understood by the contractor. In witness whereof the employer If the contractor have set partnership or and their respective hands to these individual. Presents and two duplicates here of the day and year first here in above written.

In witness where of the parties hereof the Employer if the contractor has set its hand to these company.

Presents its duly authorized official and the contractor has caused its common seal to be affixed hereunto and the said two duplicates/ has caused these presents and the said two duplicates hereof to be exacted on its behalf, the day and year first herein above written.

SIGNATURE CLAUSE

SIGNED AND DELIVERED BY THE

by the

(Name and designation)

in the presence of :



Shyamal Gandhi & Associates
Consultant

1.

Address

Witness :

If the party is a partnership firm or an individual should be signed by all or on behalf of all the partners.

SIGNED AND DELIVERED BY

In the presence of:

2.

Address

Witness :

THE COMMON SEAL OF

We hereunto affixed pursuant to the resolutions passed by its board of Directors at the meeting held on _____ in the presence of

1.

2.

If the contractor signs under its common seal, the signature clause Directors who have signed these presents in the Articles of in taken there of in the presence of : Association.

1.

2.

If the contractor is signing by the hand of power of Attorney, whether



Shyamal Gandhi & Associates
Consultant

GENERAL CONDITIONS OF CONTRACT

SUB : TENDER FOR REPAIRING & RENOVATION WORKS SAKET ROW HOUSE AT MEMNAGAR, AHMEDABAD.

General Instructions to Contractor

1	Inspection of sites: The contractor shall visit and examine the site and satisfy as to the nature and correct dimensions of work and facilities for obtaining material and shall obtain generally his own information on all matters affecting the execution of work. No extra charge made in consequence of any misunderstanding or incorrect information on any of these points on the ground of insufficient description will be allowed. All expenses incurred by the contractors in connection with obtaining information for submitting this tender including his visit to site and efforts in compiling the tender shall be borne by the tenderer and no claims for reimbursement thereof shall be entertained.
2	Safety Regulations: The contractor shall take all the necessary precautions while working and to safeguard adjacent property, Oriental company's property, Oriental company's employees, and traffic persons
3	Compliance to local laws: The contractor shall conform to the provisions of any Act of the Legislature relating to the work and to the Regulation of Bye Laws of any authority. He shall also obtain the permission of the Municipality or any other Authorities if required under the existing rules.
4	Site cleaning : All the rates quoted are inclusive of removal of rubbish / debris collected during the progress of work, rejected material and clearance of site before and after the work is completed. The contractor shall arrange to remove the same immediately. If the contractor is failing to remove the same and the expenses shall be recovered from the contractor and he will not dispute for the expenses so incurred.
5	Vouchers / bills: Contractor shall upon the request of the Oriental company furnish bills, invoices, accounts, receipts and other vouchers for all materials brought on site to prove that the material purchased are as mentioned in the specification.
6	Contractor's responsibility : The work will from time to time be examined by Oriental company's Consultant / Engineer, but such examination shall not in any way exonerate the contractor from the obligation to remedying any defects which may be observed at any stage of the work or after the same is completed.
7	Dismissal from work: The contractor shall upon the written request of the Oriental company's Consultant / Engineer immediately dismiss from the work any person employed by him thereon, who may in the opinion of the authority be incompetent or misconduct himself and such person shall not be again employed on the work, without the permission of the Oriental company.
8	Order of work, etc.: Oriental company reserves the right to fix the order in which the various items of work involved are to be executed. However, the contractor shall be responsible for the completion of the entire job within the item limit specified failing which liquidated damages as mentioned in clause No.49 shall be recovered from the contractor as under.



Shyamal Gandhi & Associates
Consultant

9	Commencement of work: The work must be started within 3 days upon accepting the work order and the program for carrying out the various jobs shall be drawn out in consultation with the Oriental company's Consultant / Engineer. Adequate labour force shall be provided to complete the work within the specified period. Proper security aspects should be taken care of by adequate vigilance in view of the importance of the building. Default in compliance with the programs so finalized shall entail operation of liquidated damages as stated.
10	Subletting the work: The contractor shall not directly or indirectly sublet the work to other party without written permission from the Oriental company.
11	Quantities of works are provisional: The quantities mentioned in schedule are provisional and likely to increase / decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit / business shall be entertained on this account
12	Distribution of work: The Oriental company reserve the right to distribute the work for which quotation have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor agrees to cooperate with other agencies appointed by the Oriental company.
13	Third party damage : The contractor shall be responsible for all injury to persons, animals, building, building structure, any damage to road, streets, footpaths and shall rectify it at its own cost.
14	Insurance cover : All the workers of the contractor as well as his sub-contractor must be properly covered by an Insurance Policy under Workman's Compensation Act and Fatal Accidents Act. The contractor at his own expenses arrange to effect and maintain until the virtual completion of the contract, insurance policy in the joint name of the Oriental company and the contractor against this risk to be retained by the Oriental company until the virtual completion of the work, and indemnify the Oriental company from all the liabilities arising out of such events. In case of delay, contractor shall arrange to extend insurance policy till work is completed.
15	Delay & Extension of time: All the work should be completed within the specified period in the tender. If the work is delayed due to the reasons beyond the control of the contractor, he should applying to the Oriental company explaining, therein the reasons for such delays, immediately and if in the opinion of Oriental company's authorities the delay is justified, the contractor shall be granted extension in time limit.
16	Certificate of virtual completion : As soon as the work is completed, the contractor shall inform in writing such completion to the Oriental company's Consultant / Engineer who will inspect the work and if satisfied will issue the certificate that the work has been virtually completed and the defects liability period shall commence from the date of such certificate.
17	Defect liability period : The defects or other faults which may appear during the defect liability period which is 12 months after the virtual completion of the work, arising in the opinion of the Oriental company due to inferior quality of material or bad workmanship not in accordance with the contract, contractor shall make good at his own cost within a reasonable time. In case of default, Oriental company may employ and pay other agencies to amend and make good such defects and all expenses / damages / losses shall be recoverable by Oriental company or may be deducted from any money due to the contractor
18	Arrangement of work: The contractor shall organize the work in such a way that the office



	users or the nearby public area put to no hardships and the working of the office is not affected. The contractor shall take adequate care during the progress of work to protect the office property like stationery, furniture, etc. In case of any damage, the same shall be made good by the contractor. Contractor is agreed to work after office hours for which no extra cost shall be considered.
19	Stacking of material: The contractor is not to stack any of his material recklessly so as to endanger the safety of the building and cause any nuisance to the occupants and the public.
20	Extra charges: It must be clearly understood that all the conditions of contracts are intended to be strictly enforced and that no extra charges in respect of extra work will be allowed unless they are clearly outside the spirit and meaning of the condition and unless such work shall have been ordered in writing.
21	Protection of material and work: The contractor shall be responsible for storing and watching his own material and protecting the work at his own cost. The contractor and his worker will be allowed to use lift after office hours. However, no paint drums or heavy bag of cement / paint will be allowed to be taken into the lift. Any damage / spoiling of lift / floor / dado caused during such act will have to be made good by the contractor at his own expenditure.
22	Water supply: The contractor shall make his own arrangement for water required for the work. in case the water is available and supplied by the Oriental company, the charges for the same shall be recovered at the rate of 1% of value of the work executed. In case water supplied by the Oriental company, the contractor shall make his own arrangement for the storage, pipeline from point of tap of to the required location.
23	Electric supply: Electricity will be supplied by the Oriental company, the contractor shall make his own arrangement for providing points, wires lines, extension board wherever it is required in the premises, in and out.
24	Approval of samples: The contractor shall furnish well in time before work commence at his own cost, colour samples, samples of material or workmanship that may be called by Oriental company's Consultant / Engineer for approval. Rates quoted shall cover for such preliminary work.
25	Workmanship: The work involved calls for a high standard of workmanship combined with speed. All the glass panes, door handles / hinges, electric fitting, fans, furniture records, floors etc. are to be thoroughly cleaned after work is completed. Any damage to the flooring, tiles, dado, paneling or any other part of the building, etc. shall be made good at the cost of the contractor to the entire satisfaction of the Oriental company. Contractor shall make all arrangements for shifting of furniture / records and keeping the same in its original position after he finishes the work on daily basis. The contractor at his own cost shall provide brown paper, polythene, tarpaulin etc. for protecting furniture / fixtures, paneling, electrical, fittings, records, etc.
26	Interpretation of documents / drawing: Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design drawings and instructions herein before mentioned and as to the quality of workmanship or materials used for the work or as to any other question, claim, right, matter or thing whatsoever, in any way arising out of or relating to the contract, designs, drawings specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the competent authority of the



	Oriental company whose decision shall be final and binding on the contractor.
27	Use of scaffolding: The contractor shall allow the use of scaffolding erected by them to any other agency employed by the Oriental company during the contract period without any payment.
28	Provisional Item: If ordered by the Oriental company, contractor shall be required to carry out provisional items at the same conditions and rates as applicable for this contract.
29	Measurements of all concealed items: Measurements of all concealed items of work and extra item if any, shall be got recorded by the Oriental company's Consultant / Engineer before they are checked up.
30	Measurements: All measurement tapes shall be of steel and all scaffolding and ladders that may be required for taking measurements shall be supplied by the contractor.
31	Cleaning during the work: The rates quoted shall include cleaning of ceiling roses, electric switches, boards, window panes etc. after the repairing leaving the site neat and tidy from time to time.
32	Complying I.S. specification: Unless otherwise mentioned in the contract, the latest Indian Standard Code for material specifications, method of work, mode of measurements shall be followed. The payment shall be made on the basis of actual measurement of work done to be submitted along with bill
33	Rate to include: The rates quoted by the contractor shall cover for work at any height in the premises for all finished items under this contract. The rate quoted shall be inclusive of all material cost, wastage, labour, loading, profit, taxes if any, scaffolding, transport, supervision, spot light arrangement and any other means to complete the job. Octroi, sales-tax, works contract tax or any other taxes present or future to be included in the rates so quoted.
34	Price Fluctuation: The rates quoted by the contractor shall be firm throughout the currency of contract (including extension of time if any granted) and will not be subject to any fluctuation due to variation in the cost of material or labour.
35	The successful tenderer if called upon to do so, shall obtain a letter from the approved trade manufacturer whose product is used, if found necessary by the Oriental company confirming that the manufacturer shall provide all the technical assistance and supervision during the execution of the work at all such places as directed and the contractor shall bear the expenses, if any, for such supervision and technical assistance supplied by the trade manufacturer.
36	Testing of materials: If at any point of time during the work, if Oriental company authorities desire to carry out the tests of certain materials, the contractor shall arrange for the same and submit the test report without any extra cost to the Oriental company.
37	The contractor shall note that they should bring to the notice of the Consultant / Engineer any breakage in glass window before starting work. However, if any glass window is found to be broken during the repairing work, the same shall be replaced by the contractor at his own cost.



38	Conditional tenders: Conditional tenders are liable to be rejected.
39	Rates of non-tendered items: The successful tenderer is bound to carry out any item of work necessary for the completion of the job even though such items are not included in schedule of quantities.
40	Abandonment of work: If in any case the work required to be abandoned, the contractor shall not be entitled for any claims and he will be paid as per the actual work done till that period.
41	The Oriental company reserves the right to accept / reject the lower or any or all tenders in part or in whole without assigning a reason therefor.
42	Decision of the Oriental company shall be final and binding on any matter connected with the work. The matter of any dispute shall be decided after mutual discussions based on the terms and conditions of this contract. However, if the matter can not be resolved then the same shall be referred to the respected, qualified person in the field agreed to both the parties and his opinion shall be binding on both the parties. However, this is precourse to any legal action in this regard.
43	Incomplete tender: Incomplete tender shall be summarily rejected
44	When the work has been virtually completed and Oriental company's Consultants / Engineer has certified in writing that the work has been completed on the basis of detailed measurements and has made a final scrutiny and that there is no dispute items, rates, ad quantities, the contractor shall be entitled to the payment of the final bill in accordance with the final certificate which will be honored within the period specified in the Appendix as period of honouring final certificate.
45	The contractor shall be paid by the Oriental company within the period named in Appendix (period of honouring certificate) after such certificate has been delivered to the employer by the Oriental company's Consultant / Engineer. Oriental company's Consultant / Engineer has power to withhold any certificate in the work or any part thereof are not carried out to his satisfaction or the contractor fails to show the desired progress or fails to follow the instructions given or in case of breach of this contract.
46	Earnest Money Deposit of successful tenderer shall be treated as security deposit. The contractor should pay this amount to the Oriental company by DD or PO at the time of submission of tender. This amount shall be retained by the Oriental company till the work is virtually completed and all amounts relating thereto settled.
47	When the certificate of the virtual completion is issued to the contractor the security deposit in the form of EMD and balance to the extent of 4% of the final bill will be retained and returned to the contractor after the expiry of defect liability period (see point 5 &6 of appendix), subject to deductions for any appropriations thereof required to be made by the Oriental company as per conditions of the contract. The contractor should note that no interest will be allowed on his security deposit.
48	The contractor is requested to sign each page of the quotation and put rubber stamp, seal below his signature and seal the quotation in an envelope.
49	Liquidated damages: If the contractor fails to maintain the required progress or to complete the work and clear the site or before the contract or extended date period of



	completion, he shall without prejudice to any other right , pay as agreed compensation amount of 1% of contract amount per week of delay subject to maximum of 10% of contract amount as liquidated damages.
50	Records & measurements: Measurements shall be taken jointly by Oriental company's Consultant / Engineer and contractor and shall without extra charges provide assistance with appliance, labour and other things necessary for the work and measurements will be signed and dated by both the parties on completion of measurements.
51	Safety measures: The contractor at his own cost shall provide tarpaulins on the external side of the building at the time of breaking plaster etc. to safeguard adjacent property, Oriental company's property, employees, traffic, etc. The contractor shall follow all the safety measures while carrying out the work. Employer that is Oriental company shall not be liable for any compensation due to accident, any mishap or negligence.
52	If there is delay in commencement of work for any reason, the employer that is Oriental company shall not be liable for any compensation.
53	If at any point of time during the progress , it is observed that the contractor is not progressing the work with due diligence, care and lagging much behind the schedule or fails to gear up the work despite instructions from Oriental company's Consultants, the employer (Oriental company) reserves the right to terminate the contract with 7 days notice. In such case, the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages. In case of such termination the security deposit held by the Oriental company will be forfeited
54	Although the number of coats of paints / polishing / white washing are specified the contractor will have to additional coats if the surface is not to the satisfaction of the Oriental company's Consultant / Engineer and there shall be no extra payment on account of such coats
55	First Aid: The contractor shall be responsible for all first aid and he shall keep the site fully equipped to meet such emergency.
56	Supervision: The contractor is required to have on site during all working hours a competent supervisor (acceptable to Oriental company) who will be responsible for the conduct of worker and who has authority to receive and act on such instructions issued by the Consultant / Engineer of Oriental company.
57	All work shall be carried out in a workman-like manner to the entire satisfaction of the Consultant / employer.
58	Contractor shall follow all rules / regulations in force and should possess the license for employing labour and also follow all safety measures, labour bye law and shall be responsible for any lapse.
59	Transfer of Tender Documents: Transfer of tender documents purchased by one intending tenderer to another is not permissible.
60	Safety: The contractor shall carry out the entire work in a workman like manner having full regard for the safety of the men working at site. All safe practices shall be strictly adhered to by the workmen of the contractor like wearing helmets, safety belts when working at heights, gloves when handling sharp objects and reinforcement, eye shields during welding,



	safety shoes, etc. The contractor shall protect sides of openings in floor slabs, edges of slabs, stairs, stairwells etc. with barricades, warning signs / lights and educate all his workmen regarding following safe working practices. He shall provide first aid boxes at site.
61	In spite of following safe methods, in case of any unfortunate accident , the contractor shall indemnify the employer against any expenses or claims towards treatment or compensation.
62	Nuisance: The contractor shall not any time do cause or permit anyone to do or cause any nuisance on the site or do anything which shall cause unnecessary disturbance of inconvenience to the Employer or to the owners, tenants or occupiers of other properties near the site and to the public generally.
63	Rights, remedies and powers:
	l) Termination of contract due to contractor's default. If the contractor:
	a. Abandon the contract.
	b. At any time defaults in proceedings with the works with due diligence and continues to do so after a notice in writing of seven days from the Engineer or Project Consultant or Employer, or
	c. Commits default in complying with any of the terms and conditions of the contract and does not remedy it within 7 days after a notice in writing is given to him in that behalf of the Engineer or Project Consultant or Employer.
	d. Persistently disregards the instructions of the Engineer, Project Consultant or contravenes any provision of the contract, or
	e. Fails to remove materials from the site or to pull down and replace work after receiving from the Engineer, Project Consultant notice to the effect that the said materials or works have been rejected.
	f. Fails to complete the works or items of work on or before the stipulated date (s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer, or Project Consultant of Employer, or
	g. Offer or gives or agrees to give to any person in the Employer's service or to any other person on this behalf, any gift or consideration of any kind as an inducement or reward for doing or forbearing to do so for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for the Employer, or
	h. Shall enter into a contract with the Employer in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed in writing to the Employer / Engineer, or
	i. Shall obtain a contract with the Employer as a result of ring tendering or other non-bonafide methods of competitive tendency, or
	j. Being an individual, or if a firm, any partner thereof, shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made



	against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or support so to do, or any application be made under any Insolvency Act for the time being in force for the sequestration of his estates or if a trust deed be executed by him for benefit of his creditors, or
	k. Being a company, shall pass a resolution or the court shall make an order for the liquidation of its affairs, or a appointed or circumstances shall arise which entitle the court or debenture holders to appoint a receiver or manager, or
	l. Shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days, or
	m. Assigns, transfers, sublets (engagement of labour on a piece work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be sub-letting) or attempts to assign, transfer or sub-let the entire works, or any portion thereof without the prior written approval of the employer.
	n. The Oriental company may, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter as the Employer by written notice determine the contract either as a whole or in part.
	II) Upon such determination of the contract in whole or in part, the security deposit with the Employer in respect of the contract shall stand forfeited to the Employer without in any way effecting the rights of the Employer.
	III) Rights of the employer after determination of the contract due to contractor's default.
	The Engineer/Consultant shall on such determination have powers to:
	a. Take possession of the site and any materials equipment, plant, implements stores etc. thereon, and / or
	b. Carry out the incomplete work by any means at the risk and cost of the contractor.
	IV) On determination of the contract in full or in part, the Engineer shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss or damage suffered by the Employer. In determining the amount, credit shall be given to the contractor for the value of the work executed by him up to the time of cancellation or the value of contractor's materials to be present so as to record the measurements in his presence. If the contractor fails to be present in response to the notice, the recording of measurements shall be preceded with ex-parte and the measurements as recorded shall be binding the contractor.
	V) The Oriental company shall have the right to use contractor's plant, machinery and materials on the balance work but shall not in any way be responsible for any damage or loss of the same and the contractor shall not be entitled to any compensation thereof.



SPECIAL CONDITIONS OF THE CONTRACT: -

- Tenderer shall go through all documents before quoting rates, & provide for necessary cost as may be include in either bill or material of specifications.
- Tenderer shall give prices in blank column. Entries in English shall be made in ink. To arrive at the grand total must also fill in all "Rate only columns" and sign all corrections.
- Tenders shall be invalid unless all rates are filled in. No extra conditions shall be submitted. Tenders shall signed by all the legal partners of the firm.
- The tenderer shall sign each page of the tender documents.
- The tenderer whose tender is accepted shall be bound to implement the contract within three days of intimation form Consultant.
- Work shall be done night & day without extra charge, if necessary.
- Tenderer shall provide for stacking materials in such a way as to facilitate rapid checking of quantities.
- Materials supplied by owner shall be used only in owner's site.
- Contractors shall pay any local charges relating to execution of work.
- The rate quoted by contractor is including wastages.
- Contractors shall arrange for all temporary connections.
- No extra shall be paid for variation in the quantity. Quantity sheets & drawings both are to be considered jointly and Consultant/Company's Engineer is the final authority for the interpretation.
- Site instruction shall be deemed sufficient for proper execution, and shall be carried out without extra charge.
- Order book with numbered pages shall be kept on site. Contractor shall carry out all instructions properly.
- Contractors shall insure whole work against fire, PIC & third party.
- Contractor shall submit samples of or for the approval of the Consultant/Company before commencing the bulk of work. The rest of the work shall be completed only on the express approval of the Consultant.
- The mentioned specifications to be applicable for all the tender items whether mentioned or not mentioned in the individual item description.
- Prices quoted by the tenderer shall remain firm during execution of the work and no escalation shall be entertained on account of variation in the prices of raw materials, labour, taxes and any Government levies etc.
- Sales tax or any other tax on material or on finished work like work's contract tax, turn over tax etc. in respect of this contract shall be payable by the contractor and the Company will not entertain any claim what so ever in this respect.
- All quantities indicated in tender are approximate & are likely to change. Contractor must take actual measurement at site, before starting the work.
- Billing to be done as per actual measurement of work done at site.
- Work has to be got executed at site in co-ordination with various other agencies.
- The Waterproofing test for seepage/China mosaic of terrace/ anti termite plumbing & sanitation lines are to be given by contractor at free of cost & bond for that, is to be submit in prescribed format for 5 Years guarantee.



- The contractors would use all the materials for various items strictly as per enclosed list of approved brands and makes and he should justify the purchase of all the materials to the Consultant's and Company's engineer's satisfaction.
- The contractor is instructed of get approval of all the material, fixtures, color and shade before starting the work. If required, he should provide different sample of materials for approval, before execution of work.
- Contractor is strictly instructed to get it approved the samples of each and every item before putting the finishing material on it.
- No changes in the design should be done without any discussion with the Consultant and for any clarification, the Consultants may be contacted.
- If the tenderer has a relative employed in any capacity with the ORIENTAL INSURANCE COMPANY, he shall inform the authority calling the tenders of the fact when submitting his tender, failing which his contract may be rescinded, and if the fact subsequently comes to light, he shall be liable to make good to the employer any loss of damage.
- If extra items are to be executed the rate will be paid on actual cost of material and labour and additional 10% as contractor's profit, the rate for extra items given by Consultant would be final.
- Work shall be carried out as per specifications in tender schedules / C.P.W.D specification 1977 Volume I & II & along with the latest correction slips and the relevant Indian Standard Codes of practice & of as specified by the Consultant. In case of doubts the decision of the Company. Shall be final and binding on the contractor.
- The General conditions of contract and standard contract form of the work will be followed as per Circular No. ADV/ © /Gen-53/71/CIR/ 103-73 dated 6th February 1973 issued by the Bureau of Public Enterprises, Ministry of Finance with latest modifications and as amended by Company. In their Paint Work procedure to suit their requirement.
- Contractor shall be responsible for any damage to the property of the Company equipment or structure injury to personnel during the progress of the work and he shall be liable to pay such compensation or may be decided by the engineer-in charge in respect of such damages/ injuries. The contractor should rectify the damages at his cost of entire satisfaction of the Consultant / Company engineer.
- The serviceable materials out of the dismantled materials will be property of Company/ Employer and shall be properly streaked by the Contractors as directed by the Engineer-in-charge on the serviceability on the contractor.
- All labour employed by the contractor shall be covered by works men's compensation Act. Any death, injury of mishap to the workman of the contractor will entirely be at the Contractor's responsibility and Company / employer shall not be liable to pay any damages for the same.



- Tenderer shall go through all documents before quoting rates, & provide for necessary cost as may be include in either bill or material of specifications.
- Tenderer shall give prices in blank column. Entries in English shall be made in ink. To arrive at the grand total must also fill in all “Rate only columns” and sign all corrections.
- Tenders shall be invalid unless all rates are filled in. No extra conditions shall be submitted. Tenders shall signed by all the legal partners of the firm.
- The tenderer shall sign each page of the tender documents.
- The tenderer whose tender is accepted shall be bound to implement the contract within eight days of intimation form Consultant.
- Work shall be done night & day without extra charge, if necessary.
- Tenderer shall provide for stacking materials in such a way as to facilitate rapid checking of quantities.
- Materials supplied by owner shall be used only in owner’s site.
- Contractors shall pay any local charges relating to execution of work.
- The rate quoted by contractor is including wastages.
- Contractors shall arrange for all temporary connections.
- No extra shall be paid for variation in the quantity. Quantity sheets & drawings both are to be considered jointly and Consultant/Company’s Engineer is the final authority for the interpretation.
- Site instruction shall be deemed sufficient for proper execution, and shall be carried out without extra charge.
- Order book with numbered pages shall be kept on site. Contractor shall carry out all instructions properly.
- Contractors shall insure whole work against fire, PIC & third party.
- company / employer shall not be liable to pay any damages for the same.

Signature of contractor with seal



Shyamal Gandhi & Associates
Consultant

GENERAL RULES, SPECIAL CONDITION AND THE GUIDANCE OF TENDERERS

Tender are hereby invited on behalf of ORIENTAL INSURANCE COMPANY FOR **REPAIRING & RENOVATION WORKS , WORKS OF SAKETROW HOUSES AT MEMNAGAR, AHMEDABAD.**

Contract documents consisting of the plans, complete specifications, the schedule of quantities of the various classes of work to be done, and the set of conditions of contract to be complied with by the person whose tenders may be accepted

Tenders, which should always be placed in sealed cover, with the name of the project written quote in figures as well as in words the rate, and on the envelopes will be received by

The Regional Manager,

Oriental insurance company,

Regional office, Navjivan press,

Income tax, Ahmedabad up to to 2.00 p.m. on 14/03/2016

- The contractor should amount tendered by them. The amount for each item should be worked out and requisite totals given.
- When a contractor signs tender in an Indian language the percentage above or below the tendered amount and the total amount tendered should also be written in the same language. In the case of illiterate contractors the rates or the amounts tendered should be attested by a witness.
- Earnest money, amounting to ₹. 36,000/- in the form of Oriental company Draft drawn in favour of The Oriental insurance company, Ahmedabad. Must be accompany each tender in a sealed cover superscripted tender of REPAIRING & RENOVATION WORKS OF SAKET ROW HOUSES
- The acceptance of a tender will rest with the Oriental insurance company, which does not bind itself to accept the lowest tender, received without the assignment or a reason. All tenders in which any of the prescribed condition are not fulfilled or are incomplete in any respect are liable to be rejected.
- Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- All rates shall be quoted on the proper form of the tender alone.
- An item rate tender containing percentage below / above will be summarily rejected. However, where a tender voluntarily offers a rebate for payment within a stipulated period, this may be considered.
- On acceptance of the tender, the name of the accredited representatives(s) of the contractor who would be responsible for taking instructions from the employer / Consultants shall be communicated to the employer.
- Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the words '₹.' should be written before the figure of rupees and words 'P' after the decimal figures, e.g. ₹. 2.50 "p" and in case of words, the word "Rupees" should precede and the word "paise" should be written at the end, unless the rate is in whole rupees and followed by the words 'only' should invariably be up to two decimal places. While quoting the rate is in schedule of quantities, the word 'only' should invariably be up to two decimal places. While quoting the



Shyamal Gandhi & Associates
Consultant

rate is in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

- The Oriental company does not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the tender and the tender shall be bound to perform the same at the rate quoted. Also the tender containing any conditions is liable for rejection.
- Sales tax or any other tax on material or on finished works like work's contract tax, turn-over tax, etc. in respect of this contract shall be payable by the contractor and the Oriental company will not entertain any claim whatsoever in the respect.
- The contractor shall give a list of his relatives working with the Oriental company along with their designations and addresses.
- No employee of the Oriental company is allowed to work as a contractor for a period of two years of his retirement from Oriental company service, without the previous permission of the Oriental company. This contract liable to be canceled if either the contractor or any of his employees is found at any time to be such.
- The tender and the rates quoted for works shall remain open for acceptance for a period of 3 months from the date of opening of tenders. If any tender withdraws his tender before the said period, then the Oriental company shall be at the liberty to forfeit earnest money paid along with the tender.
- The tender of the work shall not be witness by a contractor or contractors who himself / themselves has/have tendered or who may and had/have tendered for the same work. Failure to observe this condition would render tenders of the contractors tendering as well as witnessing the tender liable to summary rejection.
- It will be obligatory on the part of the tender to tender and sign and tender documents for all the component parts and that, after the work is awarded, he will have to enter into and agreement for each component with the competent authority in the Oriental company.
- The tenderer, apart from being a competent contractor must associate himself with agencies of the appropriate class who are eligible to tender for furnishing items.
- The contractor shall carry the work strictly in accordance with drawings, details and instructions of the Consultants/ civil engineers and the structural consultant. If in the opinion of the Consultant or the civil engineer or the structural consultant changes have to be made in the design and with the prior approval in writing of the employer, that they desire the contractor to carry out the same, the contractor shall carry out the same without any extra charges. The Consultant/employers in, such cases shall be final and shall not be open to arbitration.
- A schedule of probable quantities in respect of each work and specifications accompany this special condition. The schedule of probable quantities is liable to alteration by omissions, deductions or additions at the discretion of the employer/Consultant. Each tender should contain not only the rates but also the value of each item should contain not only the rates but also the value of each item should be totaled in order to show the aggregate value of the entire tender.



- The tender must obtain for himself on his responsibility and at his own expenses all information which may be necessary for the contract and must examine the drawing and must inspect the site of the work and acquaint himself with all local conditions, means of access to the work, nature of the work and all matters appertain thereto.
26. The rates quoted in the tender shall include all charges for clearing of site before commencement as well as after completion, water electric consumption, meters, double scaffolding, centering including bailing, fencing, hoarding plate equipment storage sheds, watching and lighting by night as well as day including Sunday and holiday temporary plumbing, timbering, strutting, sorting, etc, as occasion shall require or when ordered to disturbed during the execution of the work and to the satisfaction of the Consultant. The rates quoted shall be deemed shall also be firm and shall not be measured at site. The rates shall also be form and shall not be measured at site. The rates variation, labour conditions, fluctuations in railway freights of any conditions, whatsoever, tenders must include in their rates sales tax, tax on works contract, excise duty, octroi and any other tax and duty or other levy levied, by the central Government or any state Government of local authority, if applicable. No claim in respect of sales tax, excise duty, octroi or other tax, duty or levy where existing or future shall be entertained by the employer.
- The contractor should note that unless otherwise stated the tender is strictly on items rate basis and each and every item should be corrects workable and self-supporting. The quality in the schedule of quantities approximately indicates the total in extent of work may vary to any extent and may even omit thus altering the aggregating value of the contract. No claim shall be entertained on this account.
 - Tenders will be considered only form recognized benefited contractors in the trade concerned. Each tender shall submit with his tender a list of large works of a like nature he ahs executed giving details as to their nature and cost. The proportion of work done by the contractor in it and the time within which the works completed.

Special attention of the tenders is drawn to the alternative items in the schedule of probable quantities the rates and amounts for these. Tender is informed that tender will not be considered unless the alternative rates are given for these items.

- The contractor shall not be entitled to any compensation for any loss suffered by him non account of delays commencing or executing the work, whatever the cause of delays may be, including delays arising out of modifications to the work entrusted to him or in any sub-contract connected therewith or delays in awarding contract of other trades of the practice or in commencement or completion of such works or in producing government controlled or other building materials or in obtaining water and power connections for constructing purpose or for any other reason what so ever and the employer shall not be liable for nay claim in respect thereof. The employer does not accept liability for any sum besides the tender amount. Subject to such variations as are provided for herein.
- The successful tender must co-operate with the other contractors appointed by the employer so the work shall be proceed smoothly with the least possible delay and to the satisfaction of the Consultants.
- The contractors must bear in mind that all work shall be carried out strictly in accordance with the specifications made by the Consultants and also in compliance of the requirements of the authority concerned and no deviation on any account will be permitted.
- The successful tender should make his own arrangements to obtain all materials required for the work including comment.



The rates quoted by the contractor shall include expenditure for providing all the material, labour etc, at site for which the contractor shall make his own arrangements

- All local authorities body fees for drainage, electricity and water connection for construction purpose shall be borne by the contractor and the fees if any payable for permanent connections shall be paid by the contractor. However the responsibility of getting such connections by lassoing with the local authority lies with the contractor.
- The contractor shall strictly comply with the provision of a safety code annexed here to.
- The contractor shall be responsible for the observance of all central and state government rules and regularities framed by the concerned Government under the Contract labour (Regulation and Arbitration) Act. 1970 the owners shall be entitled to deduct all losses, damages which they might suffer on account of non-observance of these rules by the contractor, from the amount payable to the contractor.
- Contractors under no circumstances are allowed to remove materials bought at site and advance paid against the same.
- The proposed work covered under this tender during its progress can also be inspected by the CHIEF TECHNICAL EXAMINER/TECHNICAL EXAMINER or by an officer, of the vigilance cell of the authority on behalf of the engineer in charge/ Oriental company Consultant for which the contractor shall extend all cooperation and assistance.
- The contractor will not be allowed to proceed with his own R.C.C. design. They are supposed to work as per the specifications mentioned in the tender and structural details and mix given by consultant or as directed by civil Engineer and / or Consultant.
- It is expressly understood that besides all taxes, levies etc. now in force and that may be effective in later stage, with or, without retrospective effect, the present sales tax on works contract is to be borne by the contractor I/We hereby declare that I /WE have read and understood the above instruction for the guidance of tenders.
- **The Specification of all items are as per standard drawings & specifications (un less specified)**

Date:

Signature of contractor with seal



Shyamal Gandhi & Associates
Consultant

APPENDIX TO THE CONTRACT DOCUMENTS

SUB: TENDER FOR REPAIRING & RENOVATION WORKS OF SAKETROW HOUSE AT MEMNAGAR AHMEDABAD.

1. Defect liability period : 12 month from the date of virtual completion of work.
2. Date of commencement : 3 days after the contract is accepted by the contractor
3. Date of completion : 60 Days.
4. Liquidated damages : 1% of contract amount per week / day of delay subject to maximum of 10% of contract amount.
5. Earnest Money to be submitted : ₹.36,000/ by demand draft or pay order on any Nationalized Oriental company drawn in favor of Oriental insurance company payable at Ahmedabad
6. Retention money : 5% of final bill value (including EMD) to be released after defect liability period of 12 month.



Shyamal Gandhi & Associates
Consultant

LIST OF INDIAN STANDARD REFEREED TO

1. I.S. NO. 1200 – latest measurement of building and civil engineer work.
2. I.S. NO. 287 – 1973 recommendation for maximum permissible moisture content of timber used for different purpose in different climatic zones
3. I.S.NO. 1141 – 1973 code of practice for seasoning of timbers.
4. I.S.NO. 6534 – 1971 guiding principals for grading and inspection of timber.
5. I.S.NO. 1200 (part XXI) 1973.
6. I.S.NO. 3845 – 1966 code of practice for joints used in wooden furniture.
7. I.S.NO. 4450 – 1967 wooden flush doors. Type to method of test for.
8. I.S.NO. 4970 – 1973 key for identification of commercial timber.
9. I.S.NO. 3364 (part II) – 1975 methods of measurements and evaluations of defects in timber, part II converted timber.
10. I.S.NO. 1708 – 1969 methods of testing shall clear specimens of timber.
11. I.S.NO 6342 – 1971 Rose wood logs for production of sliced veneers.
12. I.S.NO 5248 – 1969 Teakloges for production of sliced veneers.
13. I.S.NO. 2202 (part I) 1973. Specification for wooden flush door shutters (solid core type cat I plywood).
14. I.S.NO. 2338 (part 1) 1967 code pf practice for finishing of wood based materials part 1 operations and workmanship.
15. I.S. No. 7360 – 1975 Methods of sampling of plywood.
16. I.S.NO. 303 – 1975 Specification for plywood for general purposes.]
17. I.S.NO. 3129 – 1965 Specification for article board for insulation purposes.
18. I.S.NO. 3513 – 1966 (part – III & part iv) High and medium density wood based laminates part III general purposes. Part IV sampling test.
19. I.S. NO. 1659 – 1979 Block boards.
20. I.S.NO. 7916 – 1974 Decorative plywood using plurality or veneers for decorative faces.
21. I.S NO. 3478 – 1966 Height density wood particle boards.
22. I.S. NO. 1734 (part 1 to XX) Plywood method of test for
Part I-General
Part II-Plywood
Part III-Battens
23. I.S.NO. 1328 – 1970 veneer decorative plywood.
24. I.S. NO 710 Marine ply.
25. I.S.NO 3087 – 1965 Wood particle boards (medium density)
26. I.S. NO. 3087 – 1965 Specification for synthetic rising adhesives for plywood (phonolic & Amino plastic)
27. I.S.NO. 2046 – 1969 Specification for decorative laminate.
28. I.S. NO. 8273 – 1976 Fibrous gypsum plaster boards.
29. I.S. No. 2095 – 1964 Gypsum plaster boards.
30. I.S.NO. 2542 (part 1) – 1978 Gypsum plaster concrete products, methods of test for part 1 – plaster and concrete.
31. I.S NO. 8272 – 1976 Gypsum plaster for use in the manufacture of fibers plaster boards.
32. I.S.NO. 2441 – 1963 Fixing coiling covering code of practice for.
33. I.S.NO. 2835 – 1977 Specification for flat transparent sheet glass.
34. I.S NO. 2395 (part 1) – 1966, 2395 (part 11) – 1967 painting to concrete masonry, plaster surface code of practice for part –1 operation and workmanship part II schedule.
35. I.S.NO. 3548 – 1966 Glazing in building code of practice.
36. I.S.NO 6279 – 1965 Specification for ready mixed paint brushing, matt or egg-shell flat finishing, interior.
37. I.S.NO. 137 – 1965 Specification for ready mixed paint brushing, matt or egg-shell flat finishing, interior to Indian standard colours as required.



38. I.S.NO. 133- 1975 Specification for ready mixed paint brushing, wooden coating, interior ti Indian standard colours.
39. I.S. NO 129 – 1950 Specification for enamel interior (a) under coating (b) finishing.
40. I.S.NO. 120- 1950 Specification for ready mixed paint brushing, finishing interior oil glass, for general purposes to Indian standard colours.
41. I.S.NO. 533-1973 Specification for gum spirit of turpentine (oil of turpentine.)
42. I.S.NO. 101 – 1964 Methods of test for ready mixed paints and enamel.
43. I.S.NO. 75-1973 Specification for linseed oil, and refined.
44. I.S.NO. 77 – 1973 Specification for linseed oil, and refined.
45. I.S.NO. 124 (part1) – 1976 Specification for ready mixed paint brushing finishing semi-gloss for general purpose.
46. I.S.NO. 5884 – Specification for woolen carpets.
47. I.S.NO. 104- 1979 Specification for ready mixed paint Brushing finishing, zinc chrome primer.
48. I.S. NO 5391 – 1969 Adjustable metal chairs for use of typist and operators in telephone exchanges.
49. I.S.NO. 8756 – 1978 Ball catches for use in wooden almirahs.
50. I.S.NO 3499 – 1976 (part 11) chairs for office purposes metal revolving and tilting.
51. I.S.NO. 5416-1969 General purposes wooden chairs methods of test for.
52. I.S. NO. 6185 – 1971 High chairs specification and safety requirements for.
53. I.S.NO> 4116 – 1976 Joints used in wooden furniture code of practice for.
54. I.S.NO 3485 – 1966 Joints used in wooden furniture code of practice for.
55. I.S.NO. 7070- 1973 Shelving racks wooden (adjustable and non-adjustable)type.
56. I.S.NO 4414-1977 table tops (wooden)
57. I.S.NO. 5967-1969 Tables, wooden method of test for.
58. I.S.NO. 3564 –1975 Door closures (hydraulically regulated).
59. I.S.NO. 3564 – 1979 Drawer locks, cupboards and box locks.
60. I.S.NO. 7981 – (part1) – 1975 Glossary of terms relating to builders hardware – part 1 locks.
61. I.S.NO. 204- (part 1 & 11) 1978 Tower bolts ferrous metals and non-ferrous metals.

Note : The various items to be used in the interior decoration work shall be of ISI standards. Whenever the items/ products do not have ISI marks standard, shall be got tested for its quality etc. at the laboratory and necessary testing charges shall be borne by the contractor.



LIST OF APPROVED MAKES & GENERAL SPECIFICATION (CIVIL)

SR. NO.	ITEMS	PRODUCT
1.	TEAK WOOD	Only Seasoned Timber to be used
	FOR EXTERNAL USE	seasoned Teak Wood, or white beach as suggested in details specifications brown in color without knots, joints & bend wood.
	FOR INTERNAL USE	C.P. Teak Wood ,as suggested in details specifications without knots, joints & bend wood. .
2.	GLASS	
	1. Glass	Modi float ,Ashi float
	2. Mirror	Modi float ,Ashi float
3.	HARD WARE	
	1. Adhesives	Fevicol
	2. floor spring	Everite, Godrej
	3. Door stop	Good quality
	4. Locks	Efficient Gadget/ Godrej
	5. Hinges	C.P polish or good qualities/ Heavy Duty/ Suzo/Garg,.
	6. Stoppers, Aldrap, Knobs	C.P polish orbit /Garg
	7.Drawerchannel Door closer Key board drawer channel, Telescopic channel, Cable organiser	E.F.G ,Ebco
	8. Screw	R.K, 'GKW'
4.	PLYWOOD, PARTICLA BOARD, M.D.F	
	1Commercial ply wood & B.W.P.	Rotolam,Archid, (I.S. 303 quality)
5.	LAMINATE	Rotolam,Formica,Archid (S.F quality)as suggested by Consultant
6.	PAINTS	
	1. INTERIOR PAINT	Nerolac- Asian paint ,
	2. EXTERIOR PAINT	Nerolac Excel,Asian weather proof
7.	PLUMBING ACCESSORIES	Plumber / Jacquer.
8.	SANITARY FITTINGS	Cera / Bell.
9.	VITRIFIED & CERAMIC FLOORING	Design as approved by consultant & R.M
10.	PLUMBING & DRAINAGE CONDUIT	Ashirwad / Finolex company
11.	GRANITE	19 mm thk. Black colour (South Indian quality) selected
12.	CEMENT	Ambuja , Ultratec or eq.
	Tile Adhesive	Saint gobin or eq.
14	WHITE CEMENT	J.K/BIRLA
15	St.steel	I.S.I Quality



PL. Note that all Plywood & Wood used are to be ANTI TERMITE treated and termite treatment on basic materials is to be provided on site & Contractor have to submit Anti termite safe bond for 5 Years from Rg. Vendor for whole building.

Note: In case of non-availability of any material of specified make, the alternative should be used only after its due approved by the Employer of the Consultant.

The last decision of the choice of any of the material with consultant.

All unexposed wooden surface to be protected with good quality enamel paint or polished.

All Dimensions given are for considerations can be changed as per site dimensions

All ply particleboard & wood surface shall be treated by anti termite treatment at site.

All hardware / color shade shall be approved by site in charge or interior.

For all items only exposed elevation measurement shall be taken for bill amount hidden supporting members of furniture / supporting member of partition will not be taken in to account

SIGNATURE OF CONTRACTOR



Shyamal Gandhi & Associates
Consultant

LIST OF APPROVED MAKE FOR THE MATERIALS TO BE USED. (FOR ELECTRICAL WORKS)

MCB/MCB-DB SWITCHES AND ACCESSORIES HGS CONDUIT	Indo Kopp/ MDS/ MK India/ Anchor Roma or eq. AEC/ BEC/ ICI/ SCI
ELECT PVC WIRES PVC CONDUIT / PIPES AND ACCESSORIES	-Finolex F.R.L.S.quality or eq. -Precision/ Clipsal / Polycab
ARMoured CABLE	-Finolex / Polycab
CABLE GLANDS	HMI/Comet
CABLE LUGS AND SOCKETS	-Dowell's/3D
CONNECTORS	-As Specified
MCCB	-L&T/ Siemens/ M.D.S
ELCB / RCCB TELEPHONE WIRES	-GE/MDS -Delton/ National
METAL CLAD SOCKET	-MDS/ Clipsal /Haeger
PVC Junction Box	Precision/ Clipsal
SWITCH BOARDS	-According to Switch
EXHAUST FAN	-Usha/ Khaitan/ GEC
WALL/PEDESTAL FANS	-Crompton/ Usha
LIGHT FIXTURES	-Philips/ Wipro/as specified /
SFU & GRC FUSES	-L&T Siemens
METERS	-A.E.C. Company
BUS COPPLER	-Clipsal /GE/ L&T
T.V CABLE	-Finolex
Switch & Accessories	Anchor Roma Or Eq.

Note : In case of non availability of any material of specified make, the alternative should be used only after its due approved by the Employer of the Consultant.

The last decision of the choice of any of the agency rest with Consultant.

All Dimensions given are for considerations can be changed as per site dimensions.



Shyamal Gandhi & Associates
Consultant

For all items only exposed elevation measurement shall be taken for bill amount.

The Client, Consultant, Consultants have right to check the challans of supplier.

PLEASE FOLLOW :

- a. Indian Electricity Act of 1910 and rules issued there under revised up to date.
- b. Special Attention should be given to Rule No. 50.
- c. Regulations for electrical equipment in building issued by The Bombay REGIONAL Council of insurance Association of India.

The resistance of each earth station should not exceed 1 ohms.

The earth lead shall be connected to the earth plate through copper/brass bolts as shown on the drawing.

Minimum distance between two earth pits shall be 2 Mts.

All earth pits shall be minimum 1 Mt. Away from building foundation.

MEDIUM VOLTAGE CABLING

Scope :

The scope consists of Laying & testing L. T. Cable and its termination.

Standards :

AS PER SCHEDULE OF INDIAN STANDARDS; ATTACHED IN THE DOCUMENT

Cables :

All cables shall be 1100 Volt grade XLPE insulated, sheathed with or without steel armoring as specified and with an outer PVC protective sheath. Cables shall have high conductivity stranded aluminum or copper conductors and cores colour coded to the Indian Standards. All cables laid up to load should be without any joint.

All cables shall be new without any kind or visible damage. The manufacturers name, insulating material, conductor size and voltage class shall be marked on the surface of the cable at every 600 mm centers.

Cable joints and termination:

Connectors :

Cable terminations shall be made with copper Heavy duty long neck copper crimping lugs only crimped type solderless lugs for all aluminum cables and stud type terminals. For copper cables copper crimped solderless lugs shall be used. Crimping shall be done with the help of hydraulically operated crimping tool. All cable lugs should be long neck type only.

Cable Glands :



Shyamal Gandhi & Associates
Consultant

Cable glands shall be of heavy duty brass single compression type as specified. Generally single compression type cable glands shall be used for indoor protected locations and double compression type shall be used for outdoor locations. Glands for classified hazardous areas shall be CMRS approved.

Ferrules :

Ferrules shall be of self sticking type and shall be employed to designate the various cores of the control cable by the terminal numbers to which the cores are connected, for ease in identification and maintenance.

Cable joints :

Kit type joint shall be done and filled with insulating compound. The joint should be for 1.1 KV grade insulation.

CONDUIT WIRING

1.0 Scope :

1.1 The scope of work shall cover supply, installation testing and commissioning of all.

2.0 Standards :
As per annexure - iv

3.0 Rigid and Flexible conduits :

3.1 All PVC conduits shall be laid in open/concealed manner which are approved by F.I.A. & I.S.I. & of 25 mm. Diameter.

3.2 Flexible conduits shall be formed from a continuous length of spirally wound interlocked steel strip with a fused zinc coating on both sides. The conduits shall be terminated in brass adapters.

4.0 Accessories :

4.1 PVC conduit fittings such as bends, elbows, reducers, chase nipples, split couplings, plugs etc. shall be specifically designed and manufactured for their particular application. All conduit fittings shall conform to IS:2667-1974 and IS:3887-1966. All fitting associated with galvanized conduit shall also be galvanized.

5.0 Wires :

5.1 All wires shall be single core multi-strand/ flexible copper or single strand Aluminium/Copper, PVC insulated as per IS:694 and shall be 660v/ 1100V grade.

5.2 All wires shall be colour coded as follows :

Phase	Colour of wire
R	Red
Y	Yellow
B	Blue
N	Black
Earth	Green (insulated)
Control (If any)	Grey
All off wires	Same as Phase wire



Shyamal Gandhi & Associates
Consultant

- 5.3 Colour code should be strictly used for all wiring.
- ii) Installation, commissioning and testing.
 - iii) Cable marking.

For cable buried underground :

- i) Cables and protective bricks & tiles.
- ii) Installation, commissioning & testing.
- iii) Cable markers.

6.0 Switches & Sockets:

6.1 Switches shall be module type/ flush piano type with silver-coated contacts. Sockets shall be 3 pin with switch and plate type cover. Combination of multiple switch units and sockets should be used to minimize the switch boxes.

6.2 For heavy duty, metal clad sockets with M.C.B./ Isolator mounted in a galvanized steel box shall be provided.

6.3

7.0 Installation:

7.1 Conduits shall be kept at a minimum distance of 100 mm. From the pipes of other non-electrical services. And maintain minimum 300 mm distance between telephone, TV & Computer piping.

7.2 Separate conduits/raceways shall be used for:

1. Normal lights and 5 A 3 pin sockets on lighting circuit.
2. Separate conduit shall be laid from D.B. to switch board or point.
3. Power outlets – 15 A 3 pin 20 A/30 A, 2 pin scraping earth metal clad sockets.
4. Emergency lighting.
5. Telephones.
6. Fire alarm system.
7. Public address system & Music system.
8. For all other voltages higher or lower than 230 V.
9. T.V. Antenna.
10. Water level guard.
11. Computer Wiring.

7.3 Call bell wiring layout of conduits shall be generally indicated on drawings and the layout shall be supplemented and complemented by contractor on site with approval of the Engineer.

7.4 Wiring for short extensions to outlets in hung ceiling or to vibrating equipments, motors etc., shall be installed in flexible conduits. Otherwise rigid conduits shall be used. No flexible extension shall exceed 1.25 m.

7.5 Conduits run on surfaces shall be supported on metal 12 mm. thick saddles which in turn are properly screwed to the wall or ceiling. Saddles shall be at intervals of not more than 300 mm. Fixing screws shall be with round or cheese head and of rust-proof materials. Exposed conduits shall be neatly run parallel or at right angles to the walls of the building. Unseemly conduit bends and offsets shall be avoided by using fabricated mild steel junction/pull through boxes for better appearances. No cross-over of conduits shall be allowed unless it is necessary and entire conduit installation shall be clean and neat in appearance.



- 7.6 Conduits embedded into the walls shall be fixed by means staples at not more than 300 mm. intervals. Chases in the walls shall be neatly made and refilled after laying the conduit and brought to the finish of the wall but final finish will be done by the building contractor. The contractor shall provide wire mesh before making rough plaster.
- 7.8 Conduits buried in concrete structure shall be put in position and securely fastened to the reinforcement and got approved by the Engineer, before the concrete is poured. Proper care shall be taken to ensure that the conduits are neither dislocated nor choked at the time of pouring the concrete suitable fish wires shall be drawn in all conduits before they are embedded.
- 7.9 Inspection boxes shall be provided for periodical inspection to facilitate withdrawal and removal of wires. Such inspection boxes shall be flush with the wall or ceiling in the case of concealed conduits. Inspection boxes shall be spaced at not more than 12 meters apart or two 90° solid bends or equal. All junction and switch boxes shall be covered by 6 mm. clear Perspex plate truly cut and fixed with cadmium plated brass screws. These junction boxes shall form part of point wiring or conduit wiring as the case may be including the cost of removing the Perspex cover for painting and re-fixing. No separate charges shall be allowed except where specially mentioned.
- 7.10 Conduits shall be free from sharp edges and burrs and the threading free from grease or oil. The entire system of conduits must be completely installed and rendered electrically continuous before the conductors are pulled in. conduits should terminate in junction boxes of not less than 32 mm. deep.
- 7.11 An insulated earth wire of copper rated capacity shall be run in each conduit for entire length.
- 8.0 Lighting & Power Wiring:
- 8.1 all final branch circuits for lighting and appliances shall be single conductor/ stranded/ flexi-cables run inside conduits. The conduit shall be properly connected or jointed into sockets, bents, and junction boxes.
- 8.2 All circuits shall preferably be kept in a separate conduit up to the Distribution Board. No other wiring shall be bunched in the same conduit except those belonging to the same phase. Each lighting branch circuit shall not have more than ten outlets or 800 watts whichever is lower. Each conduit shall not hold more than three branch circuits of same phase.
- 8.3 Flexible cords for connection to appliances, fans and pendants shall be 650/1100V grade (three or four cores i.e with insulated neutral wire of same size) with tinned stranded copper wires, insulated, twisted and sheathed with strengthening cord. Colour of sheath shall be subject to the Engineer's approval.
- 8.4 Looping system of wiring shall be used. Wires shall not be jointed. Where joints are unavoidable, they shall be made through approved mechanical connectors. No such joints shall be made unless the length of the sub-circuit, sub-main or main is more than the length of the standard coil.
- 8.5 Control switches shall be connected in the phase conductors only. Switches shall be fixed in 3 mm. thick painted or galvanized steel boxes with cover plates as specified. Cadmium plated brass screws shall be used.



- 8.6 Power wiring shall be distinctly separate from lighting wiring. Conduits not less than 25 mm. and wires not less than 2.5 sq. mm. copper shall be used.
- 8.7 Every conductor shall be provided with identification ferrules at both ends matching the drawings.

9.0 Testing :

9.1 The entire installation shall be tested for :

- a) Insulation resistance.
- b) Earth continuity.
- c) Polarity of single pole switches.

A test certificate shall be submitted in the Performa shown under Appendix – I.

10.0 Mode of measurement:

10.1 The definition of point wiring shall be in accordance with sketch drawing and should wiring from D.B. onwards together with all junction boxes, connectors, earth wire, fixing accessories, connection to all light fittings switches etc. as specified and shown on drawings. The point rate shall include circuit wiring from distribution board to switch board and/or directly to the point. The circuit wire shall be in separate conduit. The contractor may draw maximum 2/3 circuits of the same phase in circuit mains conduit.

10.2 All switches sockets with boxes, earthing interconnection and plate type silver contact switch shall be inclusive in point wiring.

10.3 All empty conduit runs, including junction boxes fish wires etc. shall be paid on the basis of unit length.

Measurements shall be along the conduit and concurrent length of sub-circuit wiring.

10.4 Buzzer indicator of the ways specified shall consist of indicating lamps, reset button, electromagnet, Perspex cover plate, chromium plated brass screws etc. shall be considered as on unit for measurement and payment.

10.5 Two way light points shall be classified according to and consist of 2 Nos. 2 way plate type switches, wiring from the 1st 2 way switch to the 2nd 2 way switch to the first light controlled. Subsequent lights, if any, shall be measured as ordinary secondary point.

LIGHT FIXTURES AND FANS

1.0 Scope :

1.1 The scope of work shall cover the providing, Assembly, and testing of fluorescent and incandescent light fixtures and ceiling fans.

2.0 Standards :

As per annexure – iv

3.0 General Requirements :

3.1 All fixtures shall be complete with accessories necessary for installation whether so detailed under fixture description or not.



Shyamal Gandhi & Associates
Consultant

- 3.2 Fixture housing, frame or canopy shall provide a suitable cover for the fixture outlet box or fixture opening.
- 3.3 Fixtures shall be installed at mounting heights as detailed on the drawings or instructed on site by the Consultant/Consultant.
- 3.4 Fixtures and/or fixture outlet boxes shall be provided with hangers to adequately support the complete weight of the fixture. Design of hangers and method of fastening other than shown on the drawings or herein specified shall be submitted to the Consultant/Consultant for approval.
- 3.5 Pendant fixtures within the same room or area shall be installed in plumb and at a uniform height from the finished floor. Adjustment of height shall be made during installation as per Consultant's/Consultant's.
- 4.0 Ceiling Fans :
- 4.1 Ceiling fans shall be complete with fan suspension stem canopies and regulators. 30 cm suspension stem shall be standard accessory and stems shall be heavy duty galvanized steel tubes to IS 1239- 1958.
- 4.2 Fans shall be mounted on a pre-embedded hook with hard rubber isolator. Regulators shall be no-step type mounted in the switch box. The box in all such cases shall be large enough to accommodate the regulator and switches. One sample box with top cover shall be got approved before procurement.
- 5.0 Mode of measurement
- 5.1 Each fixture shall be measured as a unit complete with accessories, lamp, connectors, earthing mounting arrangement, clamps etc.
- 5.2 Suspension stems for light fittings shall be measured as bare conduits and paid at the rate per unit length.
- 5.3 Fans shall be measured as a unit complete with all accessories, Reqd size suspension rods, fan hook, etc.



B.O.Q FOR REPAIRING & RENOVATION OF SAKET ROW HOUSES

SUMMARY

NO	DETAIL	AMOUNT IN ₹
1	ROW HOUSE NO-114	
2	ROW HOUSE NO-128	
3	ROW HOUSE NO-129	
4	ROW HOUSE NO-130	
	TOTAL AMOUNT	

Net Tender Amount (in figure)

(in words)

Signature of Contractor with seal



Shyamal Gandhi & Associates
Consultant

B.O.Q for Repairing & Renovation of Saket Row house No. 114 at Memnagar, Ahmedabad.

No	Item description	Quantity	Unit	Rate in ₹.	Amount in ₹.
1	Removal of Damage cement plaster & glazed tiles:- Removal of Damage cement plaster works incl. service lines as per Instruction ,including removal of debris from site as per direction of consultant & sorting of useful materials.. The work shall be carried out in such manner such as no damage to building. The rate for removing tiles includes removal of base plaster.	5830	SFT		
2	Removal of Ex. Doors & Windows:- Removal of existing doors & windows and stacking to useful material as per direction of consultant & Removal of debris away from site.	198	SFT		
3	Removal of R.C.C damaged Works:- Removal of damaged R.C.C. works & structural steel including removal of debris away from site & sorting of useful materials and staking as per instructions.	85	SFT		
4	P/C R.C.C W/S & slab (Above stair) of M 20 grade conc. including form work centering:- P/C R.C.C slab M 20 grade & 120 mm thick (cast in situ) & Pre cast lintel 150 mm thick incl. removal of existing roof & lintel as per direction of. The item includes centering, shuttering, casting of Conc.& curing etc.comp.as directed.	130	SFT		
5	P/L T.M.T Steel for R.C.C works:- P/L Including Bending , Binding & Placing of T.M.T Structural Steel as per direction. (I.S.I. quality)	130	KG		
6	P/F M.S Pipe frame & laminated flush main door:- P/F 35 mm Flush door with lamination on both side fixed on M.S Pipe frame as per consultant design ,the item includes all hardware & paints on exposed wooden & M.S surfaces as directed by consultant.	30	SFT		
7	P/F P.V.C Frame & shutter Door:- P/F P.V.C Door frame & Shutter of Standard Brand As Per Direction,the item includes all mardware..	100	SFT		
8	P/F Alluminium windows & Ventilation:- Providing Fabricating & Fixing two track Aluminum sliding Window made from zindal brand anodized section fixed on Alluminium pipe or granite framing As Per Detail Of	98	SFT		



	Architect.(At all Levels)				
9	P/F KITCHEN PLAT FORM (black granite) :- P/c sandwich type kitchen platform made from kotah stone legs of 19 mm thick double polished & kotah stone bottom 25 mm thick (sand witch type) with 19 mm Z black granite stone on top of approved quality as per design & direction of consultant.	20	SFT		
10	Granite Steps:- P/c black granite (Rajasthan stone) in tread and riser of 19mm thk. Fixed on existing steps. the nosing of steps provided by anti skid.(the unit for riser & tread paid as single unit)	17	NO		
11	P/F stone frame& both sides laminated flush door:- P/f stone frame 5" wide (sand witch type as per design)and flush door 35 mm thk. shutter with laminate finish on both side the item include or hardware and locking arrangement as per direction of consultant	58	SFT		
12	P/F M.S Grill & jali:- P/f m.s grill & m.s. jail made from 10mm thk. Square bar and 35 mm mx5mm angle section and patti section as per design of consultant	250	KG		
14	P/L B.M wall:- P/C B.M Parapet Wall Including one side cement Mala Plaster and other side by Sand Face Plaster including all as directed by consultant or in charge.	230	SFT		
15	P/L Rough cement plaster in toilet & Kitchen P.F:- P/l rough cement plaster as backing coat of glaze tiles in cement mortar 1:4 laying in line and level the item include center point demarcation	365	SFT		
16	P/L cement plaster for interior wall (Mala Plaster):- Providing & laying 20 mm thick plaster in 1:3 cement mortar on masonry walls & reinforced cement concrete as required including racking of joints up to 18 mm thick (in case of brick work and making surface rough incase of reinforced cement concrete work including scaffolding to any height, finished with best quality of near or mala plaster ,curing etc. complete at all level as per the instruction given by the architect. The rate includes Providing and fixing hexagonal chicken mesh at the junction of concrete and brick work or at junction of two different materials. Rate to include for cutting themesh in width of 150mm or more, wastage etc. competed.	4000	SFT		
17	P/L Sand face plaster:- P/l sand face plaster on outside wall in two coats, base coat laid in C.M. 1:3 and finish coat done by tipani plaster as per direction of consultant the item incl. Centering & scaffolding it is completed directed.	1700	SFT		
18	M.S Ladder:- P/f m.s ladder made from m.s section & m.s pipe as per design & direction of consultant, .	100	KG		
19	P/A Enamel Paint :- Providing & applying one coat of primer and three coat of synthetic enamel paint of ICI Dulux/Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	380	SFT		



20	P/A Exterior Emulsion paint on exterior wall & Plastic Paints on inner wall:- Providing & applying one coat of primer and three coat of exterior emulsion or plastic paint of ICI Dulux / Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	1700	SFT		
21	P/L Vitrified Flooring:- providing & fixing 24" x 24" vitrified tiled laid on solid 1.3.6 conc. Bed min 50 mm thick on well compacted sand (1 cement-3 sand 6 part metal aggregates) for G.F & F.F flooring laid by cement adhesive or on C.M 20 M.M beading The rate is excl. skirting The flooring laid in leveling screed on 1:4 cement mortar (20mm thick) with proper slope in flooring & line & level in wall wherever required including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. unit –Sq.ft. the base conc item is not paid as separate measurement the item includes removal of debris from site	560	SFT		
22	P/L Vitrified Flooring including Skirting:- Providing & fixing 3" wide vitrified tiled (Mat & Glossy type) in skirting fixed by 1:4 cement mortar in line and level including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. Unit – rft.	160	RFT		
23	P/F Ceramic tiles in Dedo & Flooring of Toilets & Kitchen platform :- Providing & Laying Std. Quality ceramic Tiles fixed by cement paste & Adhesive, Racking of joint by matching colour pigments incl. as directed.	540	SFT		
24	P/L China mosaic with water proof incl water proofing & testing as per direction:- Providing & fixing in position at any height 6 mm. thick broken glazed tiles in size 12 mm to 20 mm, of odd sizes and shapes laid in approved crazy pattern (with one or more color in pattern, as directed) for floor/ dado having plain or curved surfaces, in cement mortar 1:3 proportion with cement, floating, joints finished with white or approved color cement including tamping, watering, curing, cleaning with oxalic acid, etc. complete as per the Engineer's instructions. The item includes Base Water proofing coat by proper W.P. chemical as directed.	450	SFT		
25	P/A Anti termite treatment:- Providing & Applying Anti termite treatment as per Consultant Specifications. with 5 years bond.	484	SFT		
26	P/F Electrification Work inc. D.B Board inc. & circuit :- 1) 5 A.M.P Point 10 2) 15 A.M.P Point 4 3) Plug Point 5 A.M.P 4) Telephone Point 5) Fan Point With Regulator 4 6) Bell Push 1	10 4 6 2 4 1	NO NO NO NO NO NO		



27	Plumbing Work:- 15 mm U.P.V.C Line 15 mm C.P.V.C line 25 mm U.P.V.C Line	180 40 40	RFT RFT RFT		
28	Sanitation Work:- 35 MM P.V.C 10 Kg/Sq.cm pressure 75 mm P.V.C 10 Kg/Sq.cm pressure 90 mm P.V.C 10 Kg/Sq.cm pressure 100 MM P.V.C 10 Kg/Sq.cm pressure	15 15 48 45	RFT RFT RFT RFT		
29	P/F Orissa pan:- P/F Orissa pan (white) of cera company incl, drainage & water connection all as per direction of consultant.	1	NO		
30	P/F Anglo Indian/European pan:- P/F Anglo Indian/European pan (white) of cera or eq.company incl, drainage connection & P.V.C top cover all as per direction of consultant.	1	NO		
31	P/F Wash Basin:- Providing & fixing in position wash hand basin of 550mm x 400mm of white glazed chinaware with built in overflow with C.P. water perforated grating and 32/30mm bore steel C.P. bottle trap steel C.P.. Chain& stud rubber plug. Size of the wash basin 22" x 16" of first quality complete with 1 ¼ " dia G.I waste pipe, all lead joints , connections 32mm dia C.P. brass connection etc. complete with two 15mm dia C.P. brass pillar taps 15mm dia C.P brass stop cocks of two numbers.	2	NO		
32	M.S Railing:- P/f m.s leader made from m.s section & m.s pipe asper design & direction of consultant	10	RFT		
33	Flush cock:- P/f Flush cock (Crown Company) 1 inch dia in W/S line as per design & direction of consultant	1	NO		
34	P.V.C flush tank:- P/f P.V.C Flush tank in W/S line as per design & direction of consultant.	1	NO		
35	P/F P.V.C Water tank on ground & Over head on toilet P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary accessories etc complete in all respects capacity of tanks. ed.(1000 lit.& 2000 lit.)	3000	LIT		
36	P.V.C Water tank over head :- P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary accessories etc complete in all respects capacity of tanks.	2000	LIT		
37	Bib cock :- P/f quarter turn Brass bib cock in W/S line as per design & direction of consultant	8	NO		
38	Pillar cock:- P/f Brass pillar cock on W/S line as per design & direction of consultant	2	NO		
39	T5 Tube:- P/F T5 Tube With Patti Fitting Of 40 W (Philips Make)	10	NO		
41	P/F P.V.C N.T incl. connection with main line:-	2	NO		
42	P/F P.V.C G.T:-	2	NO		



	Providing& fixing P.V.C gully traps grade complete with P.V.C frame and cover including embedding the trap in cement concrete 1:2:4 and construction of brick masonry chamber in 1:5 cement sand mortar of size 30cmX30cmX30cm, using good quality locally available approved bricks including cement plastering from inside. The work includes provisions of frame 4.53kg. and 2.72. Respectively duly black painted complete in the working condition.				
43	P/F curtain with drapery rods P/F curtain rods with drapery rods as per design using tapestry of basic rate 100 ₹./Rmt.	120	SFT		
44	P/F Mosquito net:- P/f Mosquito P.V.C net on windows fixed by vel crow method of Net lone company.	120	SFT		
45	P/F kitchen storage cabinet:- P/F Kitchen storage cabinet using S.S basket moving on S.S channel, top finished by 19 m.m ply wood & laminate as per design & detail of consultant with all necessary Hard ware & fittings	32	SFT		

Signature of contractor with seal



Shyamal Gandhi & Associates
Consultant

B.O.Q for Repairing & Renovation of Saket Row house No. 128 at Memnagar, Ahmedabad.

No	Item description	Quantity	Unit	Rate in ₹.	Amount in ₹.
1	Removal of Damage cement plaster & glazed tiles:- Removal of Damage cement plaster works incl. service lines as per Instruction ,including removal of debris from site as per direction of consultant & sorting of useful materials.. The work shall be carried out in such manner such as no damage to building. The rate for removing tiles includes removal of base plaster.	5830	SFT		
2	Removal of Ex. Doors & Windows:- Removal of existing doors & windows and stacking to useful material as per direction of consultant & Removal of debris away from site.	198	SFT		
3	Removal of R.C.C damaged Works:- Removal of damaged R.C.C. works & structural steel including removal of debris away from site & sorting of useful materials and staking as per instructions.	85	SFT		
4	P/C R.C.C W/S & slab (Above stair) of M 20 grade conc. including form work centering:- P/C R.C.C slab M 20 grade & 120 mm thick (cast in situ) & Pre cast lintel 150 mm thick incl. removal of existing roof & lintel as per direction of. The item includes centering, shuttering, casting of Conc.& curing etc.comp.as directed.	130	SFT		
5	P/L T.M.T Steel for R.C.C works:- P/L Including Bending , Binding & Placing of T.M.T Structural Steel as per direction. (I.S.I. quality)	130	KG		
6	P/F M.S Pipe frame & laminated flush main door:- P/F 35 mm Flush door with lamination on both side fixed on M.S Pipe frame as per consultant design ,the item includes all hardware & paints on exposed wooden & M.S surfaces as directed by consultant.	30	SFT		
7	P/F P.V.C Frame & shutter Door:- P/F P.V.C Door frame & Shutter of Standard Brand As Per Direction,the item includes all mardware..	100	SFT		
8	P/F Alluminium windows & Ventilation:- Providing Fabricating & Fixing two track Aluminum sliding Window made from zindal brand anodized section fixed on Alluminium pipe or granite framing As Per Detail Of Architect.(At all Levels)	98	SFT		



Shyamal Gandhi & Associates
Consultant

9	P/F KITCHEN PLAT FORM (black granite) :- P/c sandwich type kitchen platform made from kotah stone legs of 19 mm thick double polished & kotah stone bottom 25 mm thick (sand witch type) with 19 mm Z black granite stone on top of approved quality as per design & direction of consultant.	20	SFT		
10	Granite Steps:- P/c black granite (Rajasthan stone) in tread and riser of 19mm thk. Fixed on existing steps. the nosing of steps provided by anti skid.(the unit for riser & tread paid as single unit)	17	NO		
11	P/F stone frame& both sides laminated flush door:- P/f stone frame 5" wide (sand witch type as per design)and flush door 35 mm thk. shutter with laminate finish on both side the item include or hardware and locking arrangement as per direction of consultant	58	SFT		
12	P/F M.S Grill & jali:- P/f m.s grill & m.s. jail made from 10mm thk. Square bar and 35 mm mx5mm angle section and patti section as per design of consultant	250	KG		
14	P/L B.M wall:- P/C B.M Parapet Wall Including one side cement Mala Plaster and other side by Sand Face Plaster including all as directed by consultant or in charge.	230	SFT		
15	P/L Rough cement plaster in toilet & Kitchen P.F:- P/l rough cement plaster as backing coat of glaze tiles in cement mortar 1:4 laying in line and level the item include center point demarcation	365	SFT		
16	P/L cement plaster for interior wall (Mala Plaster):- Providing & laying 20 mm thick plaster in 1:3 cement mortar on masonry walls & reinforced cement concrete as required including racking of joints up to 18 mm thick (in case of brick work and making surface rough incase of reinforced cement concrete work including scaffolding to any height, finished with best quality of near or mala plaster ,curing etc. complete at all level as per the instruction given by the architect. The rate includes Providing and fixing hexagonal chicken mesh at the junction of concrete and brick work or at junction of two different materials. Rate to include for cutting themesh in width of 150mm or more, wastage etc. competed.	4000	SFT		
17	P/L Sand face plaster:- P/l sand face plaster on outside wall in two coats, base coat laid in C.M. 1:3 and finish coat done by tipani plaster as per direction of consultant the item incl. Centering & scaffolding it is completed directed.	1700	SFT		
18	M.S Ladder:- P/f m.s ladder made from m.s section & m.s pipe as per design & direction of consultant, .	100	KG		
19	P/A Enamel Paint :- Providing & applying one coat of primer and three coat of synthetic enamel paint of ICI Dulux/Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	380	SFT		



20	P/A Exterior Emulsion paint on exterior wall & Plastic Paints on inner wall:- Providing & applying one coat of primer and three coat of exterior emulsion or plastic paint of ICI Dulux / Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	1700	SFT		
21	P/L Vitrified Flooring:- providing & fixing 24" x 24" vitrified tiled laid on solid 1.3.6 conc. Bed min 50 mm thick on well compacted sand (1 cement-3 sand 6 part metal aggregates) for G.F & F.F flooring laid by cement adhesive or on C.M 20 M.M beading The rate is excl. skirting The flooring laid in leveling screed on 1:4 cement mortar (20mm thick) with proper slope in flooring & line & level in wall wherever required including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. unit –Sq.ft. the base conc item is not paid as separate measurement the item includes removal of debris from site	560	SFT		
22	P/L Vitrified Flooring including Skirting:- Providing & fixing 3" wide vitrified tiled (Mat & Glossy type) in skirting fixed by 1:4 cement mortar in line and level including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. Unit – rft.	160	RFT		
23	P/F Ceramic tiles in Dedo & Flooring of Toilets & Kitchen platform :- Providing & Laying Std. Quality ceramic Tiles fixed by cement paste & Adhesive, Racking of joint by matching colour pigments incl. as directed.	540	SFT		
24	P/L China mosaic with water proof incl water proofing & testing as per direction:- Providing & fixing in position at any height 6 mm. thick broken glazed tiles in size 12 mm to 20 mm, of odd sizes and shapes laid in approved crazy pattern (with one or more color in pattern, as directed) for floor/ dado having plain or curved surfaces, in cement mortar 1:3 proportion with cement, floating, joints finished with white or approved color cement including tamping, watering, curing, cleaning with oxalic acid, etc. complete as per the Engineer's instructions. The item includes Base Water proofing coat by proper W.P. chemical as directed.	450	SFT		
25	P/A Anti termite treatment:- Providing & Applying Anti termite treatment as per Consultant Specifications. with 5 years bond.	484	SFT		
26	P/F Electrification Work inc. D.B Board inc. & circuit :- 1) 5 A.M.P Point 10 2) 15 A.M.P Point 4 3) Plug Point 5 A.M.P 4) Telephone Point 5) Fan Point With Regulator 4 6) Bell Push 1	10 4 6 2 4 1	NO NO NO NO NO NO		



27	Plumbing Work:- 15 mm U.P.V.C Line 15 mm C.P.V.C line 25 mm U.P.V.C Line	180 40 40	RFT RFT RFT		
28	Sanitation Work:- 35 MM P.V.C 10 Kg/Sq.cm pressure 75 mm P.V.C 10 Kg/Sq.cm pressure 90 mm P.V.C 10 Kg/Sq.cm pressure 100 MM P.V.C 10 Kg/Sq.cm pressure	15 15 48 45	RFT RFT RFT RFT		
29	P/F Orissa pan:- P/F Orissa pan (white) of cera company incl, drainage & water connection all as per direction of consultant.	1	NO		
30	P/F Anglo Indian/European pan:- P/F Anglo Indian/European pan (white) of cera or eq.company incl, drainage connection & P.V.C top cover all as per direction of consultant.	1	NO		
31	P/F Wash Basin:- Providing & fixing in position wash hand basin of 550mm x 400mm of white glazed chinaware with built in overflow with C.P. water perforated grating and 32/30mm bore steel C.P. bottle trap steel C.P.. Chain& stud rubber plug. Size of the wash basin 22" x 16" of first quality complete with 1 ¼ " dia G.I waste pipe, all lead joints , connections 32mm dia C.P. brass connection etc. complete with two 15mm dia C.P. brass pillar taps 15mm dia C.P brass stop cocks of two numbers.	2	NO		
32	M.S Railing:- P/f m.s leader made from m.s section & m.s pipe asper design & direction of consultant	10	RFT		
33	Flush cock:- P/f Flush cock (Crown Company) 1 inch dia in W/S line as per design & direction of consultant	1	NO		
34	P.V.C flush tank:- P/f P.V.C Flush tank in W/S line as per design & direction of consultant.	1	NO		
35	P/F P.V.C Water tank on ground & Over head on toilet P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary accessories etc complete in all respects capacity of tanks. ed.(1000 lit.& 2000 lit.)	3000	LIT		
36	P.V.C Water tank over head :- P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary accessories etc complete in all respects capacity of tanks.	2000	LIT		
37	Bib cock :- P/f quarter turn Brass bib cock in W/S line as per design & direction of consultant	8	NO		
38	Pillar cock:- P/f Brass pillar cock on W/S line as per design & direction of consultant	2	NO		
39	T5 Tube:- P/F T5 Tube With Patti Fitting Of 40 W (Philips Make)	10	NO		
41	P/F P.V.C N.T incl. connection with main line:-	2	NO		
42	P/F P.V.C G.T:-	2	NO		



	Providing& fixing P.V.C gully traps grade complete with P.V.C frame and cover including embedding the trap in cement concrete 1:2:4 and construction of brick masonry chamber in 1:5 cement sand mortar of size 30cmX30cmX30cm, using good quality locally available approved bricks including cement plastering from inside. The work includes provisions of frame 4.53kg. and 2.72. Respectively duly black painted complete in the working condition.				
43	P/F curtain with drapery rods P/F curtain rods with drapery rods as per design using tapestry of basic rate 100 ₹./Rmt.	120	SFT		
44	P/F Mosquito net:- P/f Mosquito P.V.C net on windows fixed by vel crow method of Net lone company.	120	SFT		
45	P/F kitchen storage cabinet:- P/F Kitchen storage cabinet using S.S basket moving on S.S channel, top finished by 19 m.m ply wood & laminate as per design & detail of consultant with all necessary Hard ware & fittings	32	SFT		

Signature of contractor with seal



Shyamal Gandhi & Associates
Consultant

B.O.Q for Repairing & Renovation of Saket Row house No. 129 at Memnagar, Ahmedabad.

No	Item description	Quantity	Unit	Rate in ₹.	Amount in ₹.
1	Removal of Damage cement plaster & glazed tiles:- Removal of Damage cement plaster works incl. service lines as per Instruction ,including removal of debris from site as per direction of consultant & sorting of useful materials.. The work shall be carried out in such manner such as no damage to building. The rate for removing tiles includes removal of base plaster.	5830	SFT		
2	Removal of Ex. Doors & Windows:- Removal of existing doors & windows and stacking to useful material as per direction of consultant & Removal of debris away from site.	198	SFT		
3	Removal of R.C.C damaged Works:- Removal of damaged R.C.C. works & structural steel including removal of debris away from site & sorting of useful materials and staking as per instructions.	85	SFT		
4	P/C R.C.C W/S & slab (Above stair) of M 20 grade conc. including form work centering:- P/C R.C.C slab M 20 grade & 120 mm thick (cast in situ) & Pre cast lintel 150 mm thick incl. removal of existing roof & lintel as per direction of. The item includes centering, shuttering, casting of Conc.& curing etc.comp.as directed.	130	SFT		
5	P/L T.M.T Steel for R.C.C works:- P/L Including Bending , Binding & Placing of T.M.T Structural Steel as per direction. (I.S.I. quality)	130	KG		
6	P/F M.S Pipe frame & laminated flush main door:- P/F 35 mm Flush door with lamination on both side fixed on M.S Pipe frame as per consultant design ,the item includes all hardware & paints on exposed wooden & M.S surfaces as directed by consultant.	30	SFT		
7	P/F P.V.C Frame & shutter Door:- P/F P.V.C Door frame & Shutter of Standard Brand As Per Direction,the item includes all mardware..	100	SFT		



8	P/F Alluminium windows & Ventilation:- Providing Fabricating & Fixing two track Aluminum sliding Window made from zindal brand anodized section fixed on Alluminium pipe or granite framing As Per Detail Of Architect.(At all Levels)	98	SFT		
9	P/F KITCHEN PLAT FORM (black granite) :- P/c sandwich type kitchen platform made from kotah stone legs of 19 mm thick double polished & kotah stone bottom 25 mm thick (sand witch type) with 19 mm Z black granite stone on top of approved quality as per design & direction of consultant.	20	SFT		
10	Granite Steps:- P/c black granite (Rajasthan stone) in tread and riser of 19mm thk. Fixed on existing steps. the nosing of steps provided by anti skid.(the unit for riser & tread paid as single unit)	17	NO		
11	P/F stone frame& both sides laminated flush door:- P/f stone frame 5" wide (sand witch type as per design)and flush door 35 mm thk. shutter with laminate finish on both side the item include or hardware and locking arrangement as per direction of consultant	58	SFT		
12	P/F M.S Grill & jali:- P/f m.s grill & m.s. jail made from 10mm thk. Square bar and 35 mm mx5mm angle section and patti section as per design of consultant	250	KG		
14	P/L B.M wall:- P/C B.M Parapet Wall Including one side cement Mala Plaster and other side by Sand Face Plaster including all as directed by consultant or in charge.	230	SFT		
15	P/L Rough cement plaster in toilet & Kitchen P.F:- P/l rough cement plaster as backing coat of glaze tiles in cement mortar 1:4 laying in line and level the item include center point demarcation	365	SFT		
16	P/L cement plaster for interior wall (Mala Plaster):- Providing & laying 20 mm thick plaster in 1:3 cement mortar on masonry walls & reinforced cement concrete as required including racking of joints up to 18 mm thick (in case of brick work and making surface rough incase of reinforced cement concrete work including scaffolding to any height, finished with best quality of near or mala plaster ,curing etc. complete at all level as per the instruction given by the architect. The rate includes Providing and fixing hexagonal chicken mesh at the junction of concrete and brick work or at junction of two different materials. Rate to include for cutting themesh in width of 150mm or more, wastage etc. competed.	4000	SFT		
17	P/L Sand face plaster:- P/l sand face plaster on outside wall in two coats, base coat laid in C.M. 1:3 and finish coat done by tipani plaster as per direction of consultant the item incl. Centering & scaffolding it is completed directed.	1700	SFT		
18	M.S Ladder:- P/f m.s ladder made from m.s section & m.s pipe as per design & direction of consultant, .	100	KG		



19	P/A Enamel Paint :- Providing & applying one coat of primer and three coat of synthetic enamel paint of ICI Dulux/Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	380	SFT		
20	P/A Exterior Emulsion paint on exterior wall & Plastic Paints on inner wall:- Providing & applying one coat of primer and three coat of exterior emulsion or plastic paint of ICI Dulux / Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	1700	SFT		
21	P/L Vitrified Flooring:- providing & fixing 24" x 24" vitrified tiled laid on solid 1.3.6 conc. Bed min 50 mm thick on well compacted sand (1 cement-3 sand 6 part metal aggregates) for G.F & F.F flooring laid by cement adhesive or on C.M 20 M.M beading The rate is excl. skirting The flooring laid in leveling screed on 1:4 cement mortar (20mm thick) with proper slope in flooring & line & level in wall wherever required including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. unit –Sq.ft. the base conc item is not paid as separate measurement the item includes removal of debris from site	560	SFT		
22	P/L Vitrified Flooring including Skirting:- Providing & fixing 3" wide vitrified tiled (Mat & Glossy type) in skirting fixed by 1:4 cement mortar in line and level including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. Unit – rft.	160	RFT		
23	P/F Ceramic tiles in Dedo & Flooring of Toilets & Kitchen platform :- Providing & Laying Std. Quality ceramic Tiles fixed by cement paste & Adhesive, Racking of joint by matching colour pigments incl. as directed.	540	SFT		
24	P/L China mosaic with water proof incl water proofing & testing as per direction:- Providing & fixing in position at any height 6 mm. thick broken glazed tiles in size 12 mm to 20 mm, of odd sizes and shapes laid in approved crazy pattern (with one or more color in pattern, as directed) for floor/ dado having plain or curved surfaces, in cement mortar 1:3 proportion with cement, floating, joints finished with white or approved color cement including tamping, watering, curing, cleaning with oxalic acid, etc. complete as per the Engineer's instructions. The item includes Base Water proofing coat by proper W.P. chemical as directed.	450	SFT		
25	P/A Anti termite treatment:- Providing & Applying Anti termite treatment as per Consultant Specifications.with 5 years bond.	484	SFT		



26	P/F Electrification Work inc. D.B Board inc.& circuit :- 1) 5 A.M.P Point 10 2) 15 A.M.P Point 4 3) Plug Point 5 A.M.P 4) Telephone Point 5) Fan Point With Regulator 4 6) Bell Push 1	10 4 6 2 4 1	NO NO NO NO NO NO		
27	Plumbing Work:- 15 mm U.P.V.C Line 15 mm C.P.V.C line 25 mm U.P.V.C Line	180 40 40	RFT RFT RFT		
28	Sanitation Work:- 35 MM P.V.C 10 Kg/Sq.cm pressure 75 mm P.V.C 10 Kg/Sq.cm pressure 90 mm P.V.C 10 Kg/Sq.cm pressure 100 MM P.V.C 10 Kg/Sq.cm pressure	15 15 48 45	RFT RFT RFT RFT		
29	P/F Orissa pan:- P/F Orissa pan (white) of cera company incl, drainage & water connection all as per direction of consultant.	1	NO		
30	P/F Anglo Indian/European pan:- P/F Anglo Indian/European pan (white) of cera or eq.company incl, drainage connection & P.V.C top cover all as per direction of consultant.	1	NO		
31	P/F Wash Basin:- Providing & fixing in position wash hand basin of 550mm x 400mm of white glazed chinaware with built in overflow with C.P. water perforated grating and 32/30mm bore steel C.P. bottle trap steel C.P.. Chain& stud rubber plug. Size of the wash basin 22" x 16" of first quality complete with 1 ¼ " dia G.I waste pipe, all lead joints , connections 32mm dia C.P. brass connection etc. complete with two 15mm dia C.P. brass pillar taps 15mm dia C.P brass stop cocks of two numbers.	2	NO		
32	M.S Railing:- P/f m.s leader made from m.s section & m.s pipe as per design & direction of consultant	10	RFT		
33	Flush cock:- P/f Flush cock (Crown Company) 1 inch dia in W/S line as per design & direction of consultant	1	NO		
34	P.V.C flush tank:- P/f P.V.C Flush tank in W/S line as per design & direction of consultant.	1	NO		
35	P/F P.V.C Water tank on ground & Over head on toilet P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary accessories etc complete in all respects capacity of tanks. ed.(1000 lit.& 2000 lit.)	3000	LIT		
36	P.V.C Water tank over head :- P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary accessories etc complete in all respects capacity of tanks.	2000	LIT		
37	Bib cock :-	8	NO		



	P/f quarter turn Brass bib cock in W/S line as per design & direction of consultant				
38	Pillar cock:- P/f Brass pillar cock on W/S line as per design & direction of consultant	2	NO		
39	T5 Tube:- P/F T5 Tube With Patti Fitting Of 40 W (Philips Make)	10	NO		
41	P/F P.V.C N.T incl. connection with main line:-	2	NO		
42	P/F P.V.C G.T:- Providing& fixing P.V.C gully traps grade complete with P.V.C frame and cover including embedding the trap in cement concrete 1:2:4 and construction of brick masonry chamber in 1:5 cement sand mortar of size 30cmX30cmX30cm, using good quality locally available approved bricks including cement plastering from inside. The work includes provisions of frame 4.53kg. and 2.72. Respectively duly black painted complete in the working condition.	2	NO		
43	P/F curtain with drapery rods P/F curtain rods with drapery rods as per design using tapestry of basic rate 100 ₹./Rmt.	120	SFT		
44	P/F Mosquito net:- P/f Mosquito P.V.C net on windows fixed by vel crow method of Net lone company.	120	SFT		
45	P/F kitchen storage cabinet:- P/F Kitchen storage cabinet using S.S basket moving on S.S channel, top finished by 19 m.m ply wood & laminate as per design & detail of consultant with all necessary Hard ware & fittings	32	SFT		

Signature of contractor with seal



Shyamal Gandhi & Associates
Consultant

**B.O.Q for Repairing & Renovation of Saket Row house No. 130 at Memnagar,
Ahmedabad.**

No	Item description	Quantity	Unit	Rate in ₹.	Amount in ₹.
1	Removal of Damage cement plaster & glazed tiles:- Removal of Damage cement plaster works incl. service lines as per Instruction ,including removal of debris from site as per direction of consultant & sorting of useful materials.. The work shall be carried out in such manner such as no damage to building. The rate for removing tiles includes removal of base plaster.	5830	SFT		
2	Removal of Ex. Doors & Windows:- Removal of existing doors & windows and stacking to useful material as per direction of consultant & Removal of debris away from site.	198	SFT		
3	Removal of R.C.C damaged Works:- Removal of damaged R.C.C. works & structural steel including removal of debris away from site & sorting of useful materials and staking as per instructions.	85	SFT		
4	P/C R.C.C W/S & slab (Above stair) of M 20 grade conc. including form work centering:- P/C R.C.C slab M 20 grade & 120 mm thick (cast in situ) & Pre cast lintel 150 mm thick incl. removal of existing roof & lintel as per direction of. The item includes centering, shuttering, casting of Conc.& curing etc.comp.as directed.	130	SFT		
5	P/L T.M.T Steel for R.C.C works:- P/L Including Bending , Binding & Placing of T.M.T Structural Steel as per direction. (I.S.I. quality)	130	KG		



Shyamal Gandhi & Associates
Consultant

6	P/F M.S Pipe frame & laminated flush main door:- P/F 35 mm Flush door with lamination on both side fixed on M.S Pipe frame as per consultant design ,the item includes all hardware & paints on exposed wooden & M.S surfaces as directed by consultant.	30	SFT		
7	P/F P.V.C Frame & shutter Door:- P/F P.V.C Door frame & Shutter of Standard Brand As Per Direction,the item includes all mardware..	100	SFT		
8	P/F Alluminium windows & Ventilation:- Providing Fabricating & Fixing two track Aluminum sliding Window made from zindal brand anodized section fixed on Alluminium pipe or granite framing As Per Detail Of Architect.(At all Levels)	98	SFT		
9	P/F KITCHEN PLAT FORM (black granite) :- P/c sandwich type kitchen platform made from kotah stone legs of 19 mm thick double polished & kotah stone bottom 25 mm thick (sand witch type) with 19 mm Z black granite stone on top of approved quality as per design & direction of consultant.	20	SFT		
10	Granite Steps:- P/c black granite (Rajasthan stone) in tread and riser of 19mm thk. Fixed on existing steps. the nosing of steps provided by anti skid.(the unit for riser & tread paid as single unit)	17	NO		
11	P/F stone frame& both sides laminated flush door:- P/f stone frame 5" wide (sand witch type as per design)and flush door 35 mm thk. shutter with laminate finish on both side the item include or hardware and locking arrangement as per direction of consultant	58	SFT		
12	P/F M.S Grill & jali:- P/f m.s grill & m.s. jail made from 10mm thk. Square bar and 35 mm mx5mm angle section and patti section as per design of consultant	250	KG		
14	P/L B.M wall:- P/C B.M Parapet Wall Including one side cement Mala Plaster and other side by Sand Face Plaster including all as directed by consultant or in charge.	230	SFT		
15	P/L Rough cement plaster in toilet & Kitchen P.F:- P/l rough cement plaster as backing coat of glaze tiles in cement mortar 1:4 laying in line and level the item include center point demarcation	365	SFT		
16	P/L cement plaster for interior wall (Mala Plaster):- Providing & laying 20 mm thick plaster in 1:3 cement mortar on masonry walls & reinforced cement concrete as required including racking of joints up to 18 mm thick (in case of brick work and making surface rough incase of reinforced cement concrete work including scaffolding to any height, finished with best quality of near or mala plaster ,curing etc. complete at all level as per the instruction given by the architect. The rate includes Providing and fixing hexagonal chicken mesh at the junction of concrete and brick work or at junction of two different materials. Rate to include for cutting themesh in width of 150mm or more, wastage etc. competed.	4000	SFT		
17	P/L Sand face plaster:- P/l sand face plaster on outside wall in two coats, base coat laid in C.M. 1:3 and finish coat done by tipani plaster as per	1700	SFT		



	direction of consultant the item incl. Centering & scaffolding it is completed directed.				
18	M.S Ladder:- P/f m.s ladder made from m.s section & m.s pipe as per design & direction of consultant, .	100	KG		
19	P/A Enamel Paint :- Providing & applying one coat of primer and three coat of synthetic enamel paint of ICI Dulux/Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	380	SFT		
20	P/A Exterior Emulsion paint on exterior wall & Plastic Paints on inner wall:- Providing & applying one coat of primer and three coat of exterior emulsion or plastic paint of ICI Dulux / Nerolac/ Asian make & tint as per manufactures specifications with brush including rubbing cleaning leveling the surfaces with putty with necessary scaffolding.	1700	SFT		
21	P/L Vitrified Flooring:- providing & fixing 24" x 24" vitrified tiled laid on solid 1.3.6 conc. Bed min 50 mm thick on well compacted sand (1 cement-3 sand 6 part metal aggregates) for G.F & F.F flooring laid by cement adhesive or on C.M 20 M.M beading The rate is excl. skirting The flooring laid in leveling screed on 1:4 cement mortar (20mm thick) with proper slope in flooring & line & level in wall wherever required including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. unit –Sq.ft. the base conc item is not paid as separate measurement the item includes removal of debris from site	560	SFT		
22	P/L Vitrified Flooring including Skirting:- Providing & fixing 3" wide vitrified tiled (Mat & Glossy type) in skirting fixed by 1:4 cement mortar in line and level including pointing of the joints with white cement and matching pigments, curing etc. complete in all respects. Unit – rft.	160	RFT		
23	P/F Ceramic tiles in Dedo & Flooring of Toilets & Kitchen platform :- Providing & Laying Std. Quality ceramic Tiles fixed by cement paste & Adhesive, Racking of joint by matching colour pigments incl. as directed.	540	SFT		
24	P/L China mosaic with water proof incl water proofing & testing as per direction:- Providing & fixing in position at any height 6 mm. thick broken glazed tiles in size 12 mm to 20 mm, of odd sizes and shapes laid in approved crazy pattern (with one or more color in pattern, as directed) for floor/ dado having plain or curved surfaces, in cement mortar 1:3 proportion with cement, floating, joints finished with white or approved color cement including tamping, watering, curing, cleaning with oxalic acid, etc. complete as per the Engineer's instructions. The item includes Base Water proofing coat by proper W.P. chemical as directed.	450	SFT		
25	P/A Anti termite treatment:- Providing & Applying Anti termite treatment as per Consultant	484	SFT		



	Specifications.with 5 years bond.				
26	P/F Electrification Work inc. D.B Board inc.& circuit :- 1) 5 A.M.P Point 10 2) 15 A.M.P Point 4 3) Plug Point 5 A.M.P 4) Telephone Point 5) Fan Point With Regulator 4 6) Bell Push 1	10 4 6 2 4 1	NO NO NO NO NO NO		
27	Plumbing Work:- 15 mm U.P.V.C Line 15 mm C.P.V.C line 25 mm U.P.V.C Line	180 40 40	RFT RFT RFT		
28	Sanitation Work:- 35 MM P.V.C 10 Kg/Sq.cm pressure 75 mm P.V.C 10 Kg/Sq.cm pressure 90 mm P.V.C 10 Kg/Sq.cm pressure 100 MM P.V.C 10 Kg/Sq.cm pressure	15 15 48 45	RFT RFT RFT RFT		
29	P/F Orissa pan:- P/F Orissa pan (white) of cera company incl, drainage & water connection all as per direction of consultant.	1	NO		
30	P/F Anglo Indian/European pan:- P/F Anglo Indian/European pan (white) of cera or eq.company incl, drainage connection & P.V.C top cover all as per direction of consultant.	1	NO		
31	P/F Wash Basin:- Providing & fixing in position wash hand basin of 550mm x 400mm of white glazed chinaware with built in overflow with C.P. water perforated grating and 32/30mm bore steel C.P. bottle trap steel C.P.. Chain& stud rubber plug. Size of the wash basin 22" x 16" of first quality complete with 1 ¼ " dia G.I waste pipe, all lead joints , connections 32mm dia C.P. brass connection etc. complete with two 15mm dia C.P. brass pillar taps 15mm dia C.P brass stop cocks of two numbers.	2	NO		
32	M.S Railing:- P/f m.s leader made from m.s section & m.s pipe asper design & direction of consultant	10	RFT		
33	Flush cock:- P/f Flush cock (Crown Company) 1 inch dia in W/S line as per design & direction of consultant	1	NO		
34	P.V.C flush tank:- P/f P.V.C Flush tank in W/S line as per design & direction of consultant.	1	NO		
35	P/F P.V.C Water tank on ground & Over head on toilet P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary accessories etc complete in all respects capacity of tanks. ed.(1000 lit.& 2000 lit.)	3000	LIT		
36	P.V.C Water tank over head :- P/F P.V.C water tanks double layer complete in all respects with providing & making of inlet and outlet connection, over flow pipe, 50mm dia. Brass ball cock and necessary	2000	LIT		



	accessories etc complete in all respects capacity of tanks.				
37	Bib cock :- P/f quarter turn Brass bib cock in W/S line as per design & direction of consultant	8	NO		
38	Pillar cock:- P/f Brass pillar cock on W/S line as per design & direction of consultant	2	NO		
39	T5 Tube:- P/F T5 Tube With Patti Fitting Of 40 W (Philips Make)	10	NO		
41	P/F P.V.C N.T incl. connection with main line:-	2	NO		
42	P/F P.V.C G.T.:- Providing& fixing P.V.C gully traps grade complete with P.V.C frame and cover including embedding the trap in cement concrete 1:2:4 and construction of brick masonry chamber in 1:5 cement sand mortar of size 30cmX30cmX30cm, using good quality locally available approved bricks including cement plastering from inside. The work includes provisions of frame 4.53kg. and 2.72. Respectively duly black painted complete in the working condition.	2	NO		
43	P/F curtain with drapery rods P/F curtain rods with drapery rods as per design using tapestry of basic rate 100 ₹./Rmt.	120	SFT		
44	P/F Mosquito net:- P/f Mosquito P.V.C net on windows fixed by vel crow method of Net lone company.	120	SFT		
45	P/F kitchen storage cabinet:- P/F Kitchen storage cabinet using S.S basket moving on S.S channel, top finished by 19 m.m ply wood & laminate as per design & detail of consultant with all necessary Hard ware & fittings	32	SFT		

Signature of contractor with seal



Shyamal Gandhi & Associates
Consultant