

Regional Office Karnal
1st floor Asa Ram Market, Model Town Karnal Haryana, Pin 132001

Notice Inviting Tender

APPOINTMENT OF CONTRACTOR FOR INTERIOR FURNISHING WORK OF REGIONAL OFFICE PREMISES AT FIRST AND SECOND FLOOR OF BSNL OFFICE SECTOR- 6 KARNAL

Union Bank of India invites applications in prescribed formats for pre-qualification and professional fee bid from eligible contractors based in Haryana, Punjab, NCR, Chandigarh for appointment as contractors for interior furnishing of Regional Office Karnal.

The application forms can be collected from the undersigned at the above address during working hours from 14/02/2024 to 06/03/2024. The application forms are also available during aforesaid period on Bank's website at www.unionbankofindia.co.in and www.eprocure.gov.in.

The last date for submission of the completed forms is 06/03/2024 at 1400 hours. The sealed bids will be opened at 1500 hours on 06/03/2024 at the above address in presence of applicants/ their authorized representatives.

Union Bank of India reserves the right for rejecting any or all applications received without assigning any reasons whatsoever.

Deputy General Manager
Regional Office Karnal

**TENDER FOR INTERIOR FURNISHING, CIVIL, MODULAR FURNITURE,
ELECTRICAL, LAN & AIR CONDITIONING WORKS,**

AT

REGIONAL OFFICE, KARNAL

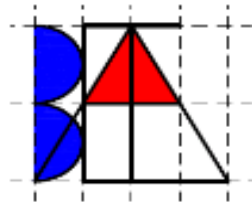
**PREQUALIFICATION
CUM
TECHNICAL BID**

PLACE OF COLLECTING, SUBMISSION OF TENDER AND PRE-BID MEETING

**UNION BANK OF INDIA
REGIONAL OFFICE, KARNAL**

1st Floor, Asa Ram Market, Model Town, Karnal, Haryana- 132001

CONSULTANT



BURMAN ET.AL

**Villa No-5 (LGF), Block-II,
Eros Garden, Surajkund Road,
Faridabad, Haryana-121009, Tel - 0129-4876589
Mail: burmanetal@gmail.com, burmanetal2008@gmail.com
Mobile: + 91-9811210589.**

NOTICE INVITING TENDER

Sealed, Item Rate, tenders are invited in the prescribed format from eligible contractors for execution of Interior Furnishing, Civil, Modular Furniture, Electrical, Lan & Air Conditioning Works for establishment of Regional Office Karnal” as per following

Name of the work	Tender for Interior Furnishing, Civil, Modular Furniture, Electrical, Lan & Air Conditioning Works for establishment of Regional office Karnal at Bharat Sanchar Nigam Limited Telecom Exchange Building ,Sector 6, Karnal Haryana 132001.
Estimated cost	Rs. 84.84 Lacs (approx).
Eligibility Criteria	<ul style="list-style-type: none">• Should have executed one similar work of Rs. 67.87 lacs OR Should have executed two similar work of Rs. 42.42 lacs OR Should have executed three similar works of Rs. 33.93 lacs during last 3 years. “The similar work shall mean “Establishment of entire Administrative office having minimum area of 4000 SQFT consisting of Civil, Electrical, Data, finishing and furnishing works, of Public/Private sector Banks / Public sector undertakings only.”• Experience with Public Sector Banks• Average turnover for the last three years shall be minimum 75 lacs and above form government projects• solvency certificate of Rs. 75 lacs (not older than 3 months)
Tender Fees	Rs.2000/- (non-refundable) by way of DD in favour of Union Bank of India payable at Karnal
Earnest Money Deposit	Rs. 2,00,000/- (Rupees Two Lakh only) by way of DD and drawn in favour of Union Bank of India, payable at Karnal
Period of Completion	1.5 months / 45 days
Validity of Tender	180 days
Date of Issue of Tender	From 14.02.2024 up to 06.03.2024 from 11:00 AM to 2:00 PM during working days. The tender can also be downloaded from the Bank’s website www.unionbankofindia.co.in and government tender portal www.eprocure.gov.in .
Pre-bid Meeting with Contractor	11.30 AM onwards on 26.02.2024
Last date of submission of Tender	Up to 2.00 PM on 06.03.2024
Date & Time of opening the Tender (Technical bid)	3.00 PM on 06.03.2024; Presence of bidder is desired during opening of Bid.
Date & Time of opening the Tender (Price bid)	Price Bid of only eligible bidders would be opened. The date of opening of price bid shall be announced to qualifying bidders through email only. Presence of bidder is mandatory during opening of Bid.
Performance Guarantee	The amount of performance guarantee shall be 5% of

	the accepted value of the tender excluding EMD. The performance guarantee shall be payable in form of DD / Bank Guarantee issued by Nationalized government Banks. Performances guarantee to be submitted within 07 days of issue of work order.
Date of commencement	07 days from the date of acceptance of work order OR date of site possession, whichever is later.
Retention money to be deducted from the bills.	10% of the certified gross value of each running bill, till accumulating total security deposit.
Total Security Deposit	10% of Contract amount / value of final bill whichever is maximum.
Defect Liability Period	Twelve months from the virtual completion. However, if all the works or more than one works awarded to one contractor the defects liability period will be reckoned from the date of virtual completion of last work.
Period of Final Measurement	15 days.
Liquidated damages	Shall be 1.0 % of contact amount per week of delay subject to ceiling of 10 % of the accepted contract amount.
Value of works for Interim Certificates	Value not less than Rs.10.00 lacs (Rs. Ten Lakhs only) or as decided by the Bank.
Period for honouring interim certificate.	Payable within 30 days after checking by the Bank.
Recovery towards taxes.	As per rules applicable from time to time.

- 1) The Pre-bid meeting and purchase / submission of tender will be at Union Bank Of India Regional Office, Karnal, 1st Floor, Asa Ram Market, Model Town, Karnal, Haryana- 132001, the tender can be purchased from above address **during working days from 11.00 A.M. up to 4.00 P.M.** on payment of Tender fees of Rs.2000/- (non-refundable) by way of DD in favour of Union Bank of India payable at Karnal. The tender can also be downloaded from the Bank's website www.unionbankofindia.co.in and government tender portal www.eprocure.gov.in.
- 2) The Item Rates under the contract include for full, final & entire completion of all works in all respects as described in documents forming part of the contract. Tenders will be opened in the presence of contracting agencies or their authorized representatives.
- 3) **It is mandatory for bidders to attend pre-bid meeting along with site inspection at mentioned date.**
- 4) The tenders shall be submitted in two envelopes. **The envelope No. 1** shall be marked as **Technical Bid**, shall contain Technical Bid of the tender, containing (but not limited to) EMD in the form of Demand Draft / Pay Order, Prequalification application & supporting documents etc.

The envelope No. 2 shall be marked as **Price Bid** and shall include the price bid only. Unsealed price bids would be rejected.
- 5) **Envelope No. 1.** Will be opened on the due date of opening. **Envelope No. 2 / Price bid** of only qualified bidders will be opened at later date (to be intimated subsequently) and the sealed price bid of disqualified bidders shall be returned unopened.

- 6) Tenders are to be submitted in one sealed Envelope Cover Enclosing therein the Envelope No. 1 and Envelope No.2 duly Superscripted “ Tender for Interior Furnishing, Civil, Modular Furniture, Electrical, Lan & Air Conditioning Works for establishment of Regional office Karnal at Bharat Sanchar Nigam Limited Telecom Exchange Building ,Sector 6 Karnal, Haryana -132001”
- 7) The tenderer must use only the tender forms issued for the purpose to fill in the rates. Intimation of tender quoted by letter, telegram / telex will not be acceptable. The tender must be dropped in a tender box. Delivery of the tender through courier / post shall be avoided and will not be entertained.
- 8) Tenderers are advised not to make any alteration/modification in the tender documents, Item of work or in any respect whatsoever. Violation of this requirement will make the tender Liable for rejection.
- 9) In case of postal delivery, the tenderer has to ensure that tender is reached before the due date and time and dropped in the tender box. The bank will not be responsible for damage in the transit and delay of receipt of tender, if any or sent by a special messenger. Tender received late shall be rejected.
- 10) Every page of the tender documents should be signed by the person or persons submitting the tender in token of his/their having acquainted himself/themselves with the General and Special Conditions of Contract, Specifications etc., as laid down. Any tender with any of the documents not so signed will be subjected to rejection.
- 11) No consideration will be given to a tender received after the time stipulated above and no extension will be allowed for submission of the tender.
- 12) The Union Bank of India shall not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.
- 13) This notice inviting tenders, the conditions of tender and the duly completed form of tender etc. will form part of the Agreement to be executed by the successful tenderer with the bank.
- 14) Tender submitted without EMD will be treated as incomplete and the same will be rejected out rightly. The EMD shall be strictly in the form of Pay Order / Demand Draft. No Cheques will be accepted on account of EMD. Tenders submitted with the cheque as EMD will be treated as incomplete and will be rejected. The EMD of successful bidder shall be retained by the Bank and the EMD of unsuccessful bidders shall be returned. The bidder seeking relaxation in EMD as per statutory guideline in vogue shall submit all relevant documents, failing which their tender is likely to be rejected.

NOTE: - it is mandatory to fill all required field properly in legible handwriting with black / blue pen in the given format only, extra sheet may be used as per need. Merely mentioning “refer attachment” in the tables shall make tender liable for rejection

BIO - DATA OF CONTRACTING AGENCY

1. Name of the firm :
Address :
Telephone No. :
Office :
Residence :
Mobile :
Fax :
E-Mail :

2.a) Whether proprietary/partnership/
Pvt. Ltd. / Public Ltd. (certificate
of registration / partnership deed
to be enclosed as Annexure-I).

b) Name of the Proprietor, :
Partners, Directors :
I)
II)

c) Year of establishment :

3. Registration with Tax Authorities :
i) Income-tax (PAN) No. :
ii) GST no. :
iii) EPF Regn. No. :
iv) ESI Regn. No. :
v) TIN / VAT No. :

(copies of certificates of registration with relevant authorities to be enclosed as Annexure-II-A, II-B, II-C, II-D & II-E)

4. Names of the Bankers with address & telephone numbers:

I)

II)

5. Enclose solvency certificate of : Enclosed / Not enclosed
Minimum Rs. 30 Lacs

Note: The solvency certificate should be addressed to Union Bank of India and not older than three months from the date of advertisement.

6. Furnish copies of audited balance-Sheet and Profit & Loss A/C. for the last 3 years as Annexure-IV-A, IV-B & IV-C. : Enclosed / Not enclosed
7. Registration with Govt. / Public Sector / Banks (certificates of Registration to be enclosed as Annexure-V.

Name of the Organization	Year since empanelled

8. Give details if at present involved in litigation in similar type of contracts:

Sr. No.	Name of Project	Name of Employer	Nature of work	Work order dated	Date of completion of work	Value Rs.

9. Details of civil suit, if any, that arose during execution of contract in the past 10 years. :
10. Specify maximum value of single value project executed during the last three years. :
11. Name & relation, if any, with the staff member of Union Bank of India. :
12. Details of work executed during the last 3 years:

Type of work	Work executed for (name of the Institution / Body)	Nature of work (in brief)	Location	Value Rs.	Duration of work with dt Commence completion		If work left incomplete or terminated (give reasons)

Note: Copies of work orders along with xerox copies of relevant TDS certificate, satisfactory completion certificate obtained from the client shall be enclosed as Annexure VI. Please note without the copies of certificates, your application is liable to be rejected.

13. Details of work on hand (photocopies of performance certificate, work orders issued by valued clients, preferably Banks, Govt., and Semi-Govt. Bodies should be enclosed as Annexure VII).

Type of work	Work executed for (name of the Institution / Body)	Nature of work (in brief)	Location	Value Rs.	Duration of work, stipulated time	Present stage of work

14. Details of Pre-Qualifying work (Filling of columns is mandatory and to be supported by copies of work order and completion letters as per the criteria. Non filling of columns or not enclosing credentials, the application form submitted will be rejected without assigning any reason)

Name of the work	Name of the client	Work order reference /date	Completion letter reference/ date	Value of work completed

Signature & Stamp of bidder

15. LIST OF NAME/S OF PROPRIETOR / PARTNERS & EMPLOYEES

Name	Qualifications	Experience	Particulars of work done	Employed in your firm since	Value of work done

16. Turnover in last 5 years: Enclose certified copy issued by registered CA with UDIN

Sr. No.	Year	Turnover (Rs.in lacs)	Income-tax paid	VAT paid	GST / Service Tax paid
1	2022-23				
2	2021-22				
3	2020-21				
4	2019-20				
5	2018-19				

Copies of income-tax returns / assessment orders for each year to be enclosed as Annexure VIII-A,B,C,D & E

17. List of equipments / machinery owned:

Sr. No.	Name of equipment	Year of manufacture	Nos. available

18. PRE-QUALIFICATION CRITERIA:

Sr. No.	Criteria	Weightages	Self rating marks
1	Should have executed one similar work of Rs. 67.87 lacs OR Should have executed two similar work of Rs. 42.42 lacs OR Should have executed three similar works of Rs. 33.93 lacs during last 3 years.	50 40 30	
2	Experience with Public/Private Sector Banks	20	
	Average turnover for the last three years shall be minimum 75 lacs and above from government projects. Certificate issued from registered CA in favor of Union Bank is mandatory	10	
3	Should have submitted solvency certificate of Rs. 75 lacs (not older than 3 months) and have made profit at least in two years during last three years. Certificate issued from registered CA in favor of Union bank would only be acceptable. Mandatory Criteria, without which tender shall be rejected	10	
4	Empanelment with Union Bank of India	10	

NOTE: Criteria mentioned above are just minimum requirement. The Bank at its discretion may upgrade the criteria. No complaint on this account will be entertained. Contractors scoring minimum 80 marks will only be considered for pre-qualification. Contractors themselves have to fill in self-rating marks column in the above table.

“The similar work shall mean “Establishment of entire Administrative office having minimum area of 4000 SQFT consisting of Civil, Electrical, Data, finishing and furnishing works, of Public Private Sector Banks / Public sector undertakings Only.”

19. LIST OF ENCLOSURES:

ANNEXURE NO.	PARTICULARS	TICK IF ENCLOSED
I	Certificate of registration of Company / partnership deed.	
IIA, IIB, IIC, IID, IIE	Certificates of registration with Income Tax, GST, EPF, ESI and VAT / TIN authorities.	
III	Solvency Certificate.	
IVA, IVB, IVC	Audited Balance Sheet & Profit & Loss A/c. Statement	
V	Certificates of Registration with Govt. / Public Sector / Banks.	
VI	Copies of work orders along with xerox copies of relevant TDS certificate, satisfactory completion certificate mentioning value of work.	
VII	Copies of performance certificate, work orders issued by valued clients, preferably Banks, Govt., Semi-Govt. Bodies.	
VIIIA, VIIIB, VIIC, VIID, VIIIE	Copies of income-tax returns / assessment orders	

Note: In absence of any of the above enclosures, your application is likely to be rejected.

DETAILS OF PREQUALIFYING WORKS - I

(Filling all details are mandatory without which application will be summarily rejected)

1.	NAME OF FIRM & ADDRESS FOR WHOM THE WORK IS EXECUTED	
2.	DETAILS OF WORK DONE BY THE FIRM	
3.	PHOTOGRAPHS OF WORK COMPLETED (PLEASE ENCLOSE COPY)	
4.	VALUE OF CONTRACT EXECUTED	
5.	BRIEF DISCRPTION OF THE WORK	
6.	PERIOD DURING WHICH THE CONTRACT IS EXECUTED	
7.	WORK ORDER REFERENCE (PLEASE ENCLOSE COPY OF THE WORK ORDER)	
8.	COMPLETION CERTIFICATE REFERENCE (PLEASE ENCLOSE COPY OF THE COMPLETION OF WORK)	
9.	DELAY IN EXECUTION OF WORK	
10.	WHETHER TIME SCHEDULE IS ADHERED TO	
11.	ANY OTHER INFORMATION WHICH YOU CONSIDER WILL HELP US IN TAKING OUR DECISION.	

PLACE:

SIGNATURE WITH OFFICE SEAL

DATE:

DETAILS OF PREQUALIFYING WORKS - II
(Filling all details are mandatory without which application will be summarily rejected)

12.	NAME OF FIRM & ADDRESS FOR WHOM THE WORK IS EXECUTED	
13.	DETAILS OF WORK DONE BY THE FIRM	
14.	PHOTOGRAPHS OF WORK COMPLETED (PLEASE ENCLOSE COPY)	
15.	VALUE OF CONTRACT EXECUTED	
16.	BRIEF DISCRPTION OF THE WORK	
17.	PERIOD DURING WHICH THE CONTRACT IS EXECUTED	
18.	WORK ORDER REFERENCE (PLEASE ENCLOSE COPY OF THE WORK ORDER)	
19.	COMPLETION CERTIFICATE REFERENCE (PLEASE ENCLOSE COPY OF THE COMPLETION OF WORK)	
20.	DELAY IN EXECUTION OF WORK	
21.	WHETHER TIME SCHEDULE IS ADHERED TO	
22.	ANY OTHER INFORMATION WHICH YOU CONSIDER WILL HELP US IN TAKING OUR DECISION.	

PLACE:

SIGNATURE WITH OFFICE SEAL

DATE:

DETAILS OF PREQUALIFYING WORKS - III
(Filling all details are mandatory without which application will be summarily rejected)

23.	NAME OF FIRM & ADDRESS FOR WHOM THE WORK IS EXECUTED	
24.	DETAILS OF WORK DONE BY THE FIRM	
25.	PHOTOGRAPHS OF WORK COMPLETED (PLEASE ENCLOSE COPY)	
26.	VALUE OF CONTRACT EXECUTED	
27.	BRIEF DISCRPTION OF THE WORK	
28.	PERIOD DURING WHICH THE CONTRACT IS EXECUTED	
29.	WORK ORDER REFERENCE (PLEASE ENCLOSE COPY OF THE WORK ORDER)	
30.	COMPLETION CERTIFICATE REFERENCE (PLEASE ENCLOSE COPY OF THE COMPLETION OF WORK)	
31.	DELAY IN EXECUTION OF WORK	
32.	WHETHER TIME SCHEDULE IS ADHERED TO	
33.	ANY OTHER INFORMATION WHICH YOU CONSIDER WILL HELP US IN TAKING OUR DECISION.	

PLACE:

SIGNATURE WITH OFFICE SEAL

DATE:

DECLARATION

I / We have read the instructions appended to the proforma and I / We understand that if any false information is detected at a later date, any future contract made between ourselves and Union Bank of India, on the basis of the information given by me / us can be treated as invalid by the Bank and I / We will be solely responsible for the consequences.

I / We agree that the decision of Union Bank of India in selection of contractors will be final and binding to me / us.

All the information furnished by me hereunder is correct to the best of my knowledge and belief.

I / We agree that I / we have no objection if enquiries are made about the work listed by me / us in the accompanying sheets.

Place :
Date :

SIGNATURE
NAME & DESIGNATION
SEAL OF ORGANISATION

INSTRUCTION WITH REGARD TO SUBMISSION OF TENDER

- 1) Rates should be quoted both in figures and words in columns specified. All erasures and alterations made while initials of the tenderer must attest filling the tender. Overwriting of figures is not permitted. Failure to comply with either of these conditions will render the tender invalid and it will be the option of Union Bank of India to accept or reject the tender. No request of any change in rate or conditions after opening of the tender will be entertained.
- 2) In the case of figures, the word `Rs.` should be written before the figures of rupees and the word `P` written after the decimal figures e.g. Rs. 3.25 P. In the case of words, the word Rupee should similarly precede and the words "Paise only" should be written at the end, closely following each the percentage rate. The word "only" should not be written in the next line unless the rate quoted is in whole Rupees closely followed by the word "only": The amount should invariably be upto two decimal places.
- 3) The different Schedules should be filled as follows:
 - (a) The "Rate" Column wherever applicable to be legibly filled in ink in both figures and words.
 - (b) The "Amount" Column also to be legibly filled in ink in both figures and words.
 - (c) All corrections to be initialed.
 - (d) No over writing is allowed.
 - (e) The figure of percentage of rate shall be legibly filled in ink in both figure and words.
- 4) Errors in the bill of quantities shall be dealt with in the following manner.
 - a. In the event of any discrepancy between the rates quoted in words and the rates in figures the former shall prevail.
 - b. In the event of an error occurring in the amount column of the bills of quantities as a result of the wrong extension of the unit rate and the quantity, the unit rate shall be regarded, as firm and extension shall be amended on the basis of the rates.
 - c. All the errors in totaling in the amount column and in carrying forward the totals shall be corrected.
- 5) The tender shall be signed and dated at all places provided therein. Also all pages, drawings and corrections / alterations shall be initialed. The tender submitted on behalf of a firm shall be signed by all the partners of the firm or by a partner who has the necessary authority on behalf of the firm to enter into the proposed contract. Otherwise the tender may be rejected by Union Bank of India.
- 6) The time allowed for completion of works is 1.5 months / 45 days from the date of commencement of the work is reckoned from the tenth day from the date of Letter of Intent. Time shall be considered the essence of contract.
- 7) It shall be the responsibility of the contractor to arrange for water and electricity required for completing construction. If water is available with the bank, the same shall be supplied to the contractor. However, contractor will have to make

arrangement of pipeline for distributing water. Contractor to make own arrangement of electricity and pay tariff to the electricity board.

- 8) Every tender shall be accompanied by earnest money of Rs.1,50,000/- (Rupees One Lac and fifty thousand only) by way of Demand Draft/Pay Order favouring UNION BANK OF INDIA, payable at Muzaffarnagar. Tender submitted without earnest money shall be summarily rejected. The bidder seeking relaxation in EMD as per statutory guideline in vogue shall submit all relevant documents, failing which their tender is likely to be rejected. The contractor whose tender is accepted will have to deposit Performance guarantee a further sum of 5 % of the value of the accepted tender. The performance guarantee will have to be made within 07 days from the date of acceptance of tender, failing which the Bank at his discretion may revoke the letter of acceptance and forfeit the earnest money deposit furnished along with the tender.
- 9) The Earnest Money will be retained in the case of the successful tenderer as part of the security for due fulfillment of the Contract. No interest shall be paid on this deposit. Failure to enter into the Contract agreement within the stipulated time of 7 days from the date of acceptance of work order shall entail the forfeiture of the Earnest money Deposit. The Earnest money of unsuccessful tenderers will be released after issue of work order, without any interest.
- 10) The tenderer shall submit his tender after carefully examining the whole of the tender document and the terms and conditions of contract, specifications, the schedule of quantities etc., and also after examining the site and conditions prevailing in and around site.
- 11) The Bank does not bind himself to accept the lowest or any tender and reserve to them the right of accepting the whole or any part of the tender and tenderer is bound to perform the same at the rates quoted. The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tender without assigning any reasons whatsoever. The work may also be divided among the contracting agencies depending on the exigencies of the bank.
- 12) Tenders shall remain valid for a period of 180 days from the date of opening of the tender which period may be extended by mutual agreement and the tenderer shall not cancel or withdraw the tender during the initial validity period of 180 days.
- 13) The successful tenderer shall be bound to implement the Contract and mobilise within 07 days and sign specified agreements within 10 days from the date of acceptance of work order.
- 14) Tenderers must include in their rates, sales tax (State & Central Govt.), service-tax, education cess, Labour cess, excise duty, octroi, sales tax on works contract, VAT and any other tax & duty or other levy by the central and state government applicable on the date of submitting tender. Due to change in taxes structure by orders from Central Govt. / State Govt. after opening of tenders shall be reimbursed to the contractor as per actual and upon verifying the proof of having made the payment.
- 15) This contract shall be a item rate contract. The Contractor shall be paid for actual quantity of work done, as measured at site including any deviation plus or minus. The

rate of any non-schedule items of work shall be decided as mentioned in the conditions of contract.

- 16) No correspondence will be entertained in respect of this tender other than any clarifications strictly pertaining to this tender.
- 17) The tender price quoted by a tenderer shall be kept strictly confidential and shall not be divulged to any other party even approximately before the time limit for delivery of tender. The only exception be for obtaining an insurance quotation, you may give your insurance company or agent any essential information they ask for, so long as it is done in strict confidence. No information about other's tender price should be obtained and no arrangement with any one else should be made whether or not he submit the tender.
- 18) For electrical, sanitary, water supply and drainage works, tenderers must possess respective valid licenses from the competent authority of the area where the site is located.
- 19) Contractor should sign at the end of every page prior to submitting the tender.
- 20) Conditional tenders will be summarily rejected.
- 22) COMPLETION PERIOD OF THE PROJECT WILL BE 1.5 MONTHS / 45 DAYS.

To be filled by bidder wherever required in legible handwriting in blue and black pen

TENDER FORM

To,
Regional Head,
Union Bank of India,
RO, Karnal

TENDER FOR: *Tender for Interior Furnishing, Civil, Modular Furniture, Electrical, Lan & Air Conditioning Works for establishment of Regional office Karnal at Bharat Sanchar Nigam Limited Telecom Exchange Building ,Sector 6, Karnal Haryana 132001.*

Sir,

1. We have read and examined the following documents as received by us:

- a) Notice Inviting Tender
- b) Instructions to Tenderers
- c) Conditions of Contract.
- d) Supplementary Conditions.
- e) Specifications / Drawings
- g) Schedule of Quantities.
- h) Addition condition of contract

1. We are well aware and familiar with CPWD, Schedule of Rates and their specifications, CPWD Specification, BIS publication and National Building code which shall apply to this contract to supplement any missing details in this contract in order of preference.

Further to the above, we have visited and examined the site of the proposed works and have acquired the requisite information relating thereto as affecting the tender invited by Bank.

2. We agree that any other terms or conditions of contract or any general reservation which may be printed on any correspondence emanating from us in connection with this tender or with any contract resulting from this tender shall not be applicable to this tender or to the contract.

3. We have obeyed the rules about confidentiality of tenders and will continue to do so as long as they apply.

4. We are enclosing along with our tender an earnest money of Rs. _____ (Rupees _____ only) favouring Union Bank of India, payable at Karnal (Pay Order No.----- dated ----- drawn on -----). We hereby agree that this

Signature & Stamp of bidder

sum shall be forfeited by Union Bank of India in the event of our tender being accepted and if we fail to execute the contract when called upon to do so.

5. Subject to and in accordance to the terms and conditions contained or referred to in the tender documents, we agree and offer to execute all the Works referred to in the said documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered to be valued as per the conditions of contract.
6. We undertake to complete and deliver the whole of the works within a period i.e. 2 months / 60 days as specified in the contract and further confirm that the time allowed for completion is adequate. Time allowed for completion of entire job or part job assigned shall be reckoned from the tenth day of the date of acceptance of work order. We shall be under the obligation to pay the sum as stated in the contract for every day that the works shall remain incomplete, damages as compensation subject to the conditions of contract relating to extension of time.
7. We hereby agree that unless & until a formal agreement is prepared & executed in accordance with the Articles of agreement, this tender together with your acceptance thereof, shall constitute a binding contract between us.
8. We agree to pay Performance Guarantee of 5% of the contract amount by way of DD/BG in favour of UNION BANK OF INDIA, payable at Karnal. This amount shall be released after virtual completion of work. We further agree for a deduction of 10% from the running bill as retention money till accumulating total security deposit.
9. Validity of the tender is 180 days from the date of opening of tender or it may be beyond 180 days if mutually accepted.
10. The bank is at liberty to accept or reject any tender, without assigning any reasons whatsoever.
11. The work may be split up in the first instance as per exigencies of the bank. But it may be split up in more parts or parts combined if so desired by the Bank without assigning any reasons whatsoever. We will not have any claim either for loss of profit or revision in rates.
12. Adherence to the PERT chart will be ensured by us as the project is to be executed in a very strict time frame.
13. We are aware that the quantities of work indicated in the bill of quantities are approximate, may vary to any extent, even it may be omitted, we will not have any claim of any kind against the bank.

Signed in the capacity of duly authorised
to sign tenders for and on behalf of

Address

Telephone No

Date:

SUPPLEMENTARY CONDITION

INDEMNITY BOND

On the acceptance of his tender, the contractor will be required to execute an Indemnity Bond with-in 07 days of issue of work order in favor of the bank against third party claims, civil or criminal complaints, site mishaps and other accidents or disputes, against any damages, loss or expenses due to or resulting from any negligence or breach of duty on the part of the contractor, his subcontractors or his employees and agents etc., as per the appropriate Indemnity Bond attached.

It will also be covered by labour laws of the Govt. of India.

Any other conditions suggested by the Bank may be added subsequently.

INDEMNITY BOND

(On Non-Judicial Stamp Paper of Rs. 10/-)

KNOW all men by these presents that I/We _____ do hereby execute Indemnity Bond in favour of the Union Bank of India on this _____ day of _____ 20__.

WHEREAS Union Bank of India, (address of the office) _____, have appointed _____ as the Contractors for their Proposed Union Bank of India Project at _____.

THIS DEED WITNESS AS FOLLOWS:

I/We _____ hereby do Indemnify and save harmless Union Bank of India, _____ against

1. Any third party claims, civil or criminal complaints/liabilities, site mishaps and other accidents or disputes and/or damages occurring or arising out of any mishaps at the site due to faulty work, negligence, faulty construction and/or for violating any law, rules and regulations in force, for the time being while executing/executed works by me/us.
2. Any damages, loss or expenses due to or resulting from any negligence or breach of duty on the part of me/us or my sub contractor's if any, servants or agents.
3. Any claim by an employee of mine/ours or of sub contractors if any, under the Workmen's Compensation Act and Owners Liability Act, 1939 or any other law, rules and regulations in force for the time being and any Acts replacing and/or amending the same or any of the same as may be in force at the time and under any law in respect of injuries to persons or property arising out of and in the course of the execution of the contract work and/or arising out of and in the course of employment of any workman/employee.

Any act or omission of mine/ours of sub-contractor's if any, our/their servants or agents which may involve any loss, damage, liability, civil or criminal action.

IN WITNESS WHEREOF THE _____ has set his/their hand on this day of _____ 20__.

SIGNED AND DELIVERED BY THE	NAME AND ADDRESS
AFORESAID _____	(Contractor)

IN THE PRESENCE OF WITNESSES:

- 1.
- 2.

ARTICLES OF AGREEMENT

(Draft will be modified by Bank's Law Officer as per requirement)

ARTICLES OF AGREEMENT made at _____ this _____ day of _____ Two Thousand and _____.

BETWEEN

UNION BANK OF INDIA, a body corporate constituted under the Banking Companies (Transfer of Undertakings) Act, 1970 and having its Office at 239, Vidhan Bhavan Marg, Nariman Point, Mumbai 400 021, hereinafter called "the Bank" (which expression shall, unless it be repugnant to the context or meaning thereof, include its successors and assigns) of the **ONE PART**

AND

MESSRS _____, having its registered office at _____, hereinafter called the "Contractor" (which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) of the **OTHER PART**.

WHEREAS

- i. The Bank is desirous of _____ (Works) on its _____ at _____.
- ii. The Bank has already appointed and retained M/s _____, having its Office at _____ and Registered Office at _____ to supervise the Works.
- iii. The Bank has caused the bills of quantities showing and describing the works to be done to be prepared by or under the direction of the Bank;
- iv. The Bank had invited tenders for _____ work in accordance with the general conditions of contract, special conditions of contract, technical specifications, bills of quantities and furnished to the Contractor.
- v. Having examined the general conditions of contract, special conditions of contract, technical specifications, bills of quantities, the Contractor offered to execute, complete and maintain the whole of the Works relating to the Project in conformity with the said general conditions of contract, special conditions of contract, technical specifications, bills of quantities and in accordance with instructions issued by the Bank and the Contractor submitted its tender for the contract sum of Rs. _____ towards the said work.
- vi. The tender submitted by the Contractor was, after negotiations, modified/alterd upon the Contractor agreeing to revise the rates of certain items and further offering a rebate for execution and completion of the Project thereby reducing the tender amount to Rs. _____ as confirmed by its letters dated _____.

- vii. Towards the implementation of the Project, the Contractor has supplied the Bank with a fully priced copy of the said bills of quantities (which copy is hereinafter referred to as “the Contract Bills”). The Contract Bills have been signed by or on behalf of the parties hereto:
- viii. The Contractor has already agreed with the Bank to implement and execute the Project in full on the basis of the contract documents as hereinafter defined on the terms and conditions therein contained;
- ix. The parties are now executing this Agreement setting out the basic terms of the agreement between them for smooth implementation and execution of the Project without any unnecessary difference or dispute.

NOW IT IS HEREBY AGREED as follows:

1. The Contract Document is comprising of

- i. Tender document including technical bid (Vol.-I) and pre-bid (Vol.-II).
- ii. Notice Inviting Tender issued vide letter _____
- iii. Subsequent letters issued by the Bank vide _____
- iv. Clarifications submitted by the contractor vide letter dt. _____.
- v. Minutes of Meeting held on _____
- vi. Rebate / Discount offered by the contractor vide letter _____
- vii. Work Order issued by the Bank vide letter _____
- viii. Acceptance letter _____ from the contractor

1.a Unless the context otherwise requires the contract documents above mentioned shall be harmoniously construed and in the chronological order.

1.b Unless otherwise expressly provided under these presents, contract documents (iii) to (ix) above shall be construed as modifying only those general and special terms and conditions in tender document in so far and to the extent referable to the clauses in the said tender document.

1.c Unless otherwise stated expressly hereunder, all the general and special terms and conditions shall apply and binding on the contractor.

2. The Contract Document is complimentary. What is called for in any one shall be as binding as called for by all. The aforesaid shall form integral part of contract and in the event of any inconsistency between any provisions herein the provisions of the Contract Documents shall prevail. When any of the General and Special Conditions are at variance, the condition stipulated in the Special Conditions of Contract shall supercede relevant provisions in General Conditions. For all matters not specifically provided for herein the provisions of General and Special Conditions in the Tender Documents shall apply and the rights and liabilities of the parties shall be decided accordingly. The decision of the Bank in this regard shall be final and binding.

3. All time limits stated in the Contract Document are of the essence of the contract where the work has to be completed within 1.5 months / 45 days failing which

liquidated damages will be recovered @ 0.5% of contract amount for per week of delay subject to maximum recovery of 7.5% of the contract amount.

4. For the consideration hereinafter mentioned, the Contractor shall carry out and complete the Works in conformity with the contract documents and in accordance with the instructions issued by the consultant from time to time including all modifications extra and additional works and obligations to be carried out either on the Site or at any factory or work shop or any other place for subsequent incorporation as required for the due performance of the contract.
5. The general character and the scope of the Works is illustrated and defined by the specifications and the bills of quantities herewith attached and by the signed drawings. The scope includes furnishing all materials, labour, tools, equipment and management necessary for and incidental to the construction and completion of the Works. If the Contractor shall find any discrepancy in or divergence between the contract drawings and/or the contract bills he shall immediately give to the Consultant a written notice specifying the discrepancy or divergence and the Consultant shall issue instructions in regard thereto which shall be complied with by the Contractor.

6. INTENT

The intention of arrangement is to secure the performance of the Contractor's obligations to the satisfaction of the Bank / Bank / Consultant. All labour, material, equipment, constructional plant and transportation necessary for the proper execution of the Project is to be provided by the Contractor and should only be of the approved manufacturer/agencies respective kinds as described in the Contract Documents which is to be subjected from time to time to such tests as the Engineer/ Consultant's representative may direct. In case the required material/services of approved manufacturers/agencies are not available or are not upto the mark the Contractor shall procure material/ services from such other manufacturer/agencies as may be approved by the Consultant / Bank and the Contractor shall submit rate analysis for such material.

7. EXTENT

The Contractor shall carry out and complete the Works in every respect in accordance with this contract and with the directions of and to the reasonable satisfaction of the Consultant. The Consultant may in their absolute discretion and from time to time issue further drawings, details and/or written instructions and written explanations whole of which are collectively referred to as Consultants' instructions. All such drawings and instructions shall be consistent with the Contract Document true developments thereof as reasonably inferable therefrom.

8. TYPE OF CONTRACT

The Contract is an Item Rate contract. The Contractor shall be paid for the actual quantity of Work done, as measured at Site, at the rates quoted by him in the Contract Bills. The contractors have

- i. Been informed that the schedule of approximate quantities is liable to alteration by omission, deduction, substitution or additions at the discretion of the Bank without affecting the terms of the contract and no compensation to Contractor.
- ii. Fully and correctly understood the meaning of all the tender documents, the General Conditions of Contract, Special Condition of Contract, Technical Specifications, Bill of Quantities or part thereof.

9. CONTRACTORS COVENANTS

- i. The Tender form conditions, priced schedule of quantities, and General and Special Conditions of Contract, specifications, priced Bill of Quantities, Schedule of Rates and Prices, if any, Tender, pre-contract correspondence, Letter of Intent/Acceptance, Work order, shall be read and construed as forming part of this agreement and the Contractor shall abide by and submit themselves to all the conditions and stipulations contained therein; which are not specifically incorporated herein;
- ii. The Contractor shall obtain necessary permissions/ certificates/ order from the Competent Authority in respect of workmen employed by them for the Project and shall keep the Bank safe, harmless and reimburse all amounts/expenses incurred or suffered by the Bank in connection with any such claim;
- iii. The Contractors shall not make any claim as regards want of information of any particular point or any change in the rate or conditions save and except as provided herein;
- iv. The Contractors shall have a duly authorized agent at the place of Work to accept services of notice and to agree to extras, omissions, additions and substituted items of Works and rates from the commencement of the Work until it is virtually completed.
- v. In the event of any discrepancy between the details and/or description given in the Bill of Quantities, the Drawings and the Technical Specifications, such item shall be deemed to have been priced in accordance with the details and/or description confirming to the most superior provisions contained in any of the following :-
 - a) Bill of Quantities
 - b) Drawings
 - c) Technical Specifications
- vi. It shall be understood that the details and/or description not specifically mentioned in the Bill of Quantities shall be the same as those mentioned in the Technical Specification. Any further interpretation of above Clause shall be at the discretion of the Bank, whose decision shall be final and binding on the parties to the contract.
- vii. The Contractors shall not make any claim for increase in the contract consideration on the basis of incorrectness and insufficiency of the information available at the time of submitting the Tender and/ or incorrectness and insufficiency of the rates and prices stated in the price bill of quantity and schedule of rates and prices or otherwise alleging insufficiency of the tender amount to cover their obligation under the contract or matters concerning the execution of the Project.

- viii. It shall be responsibility of intending bidder to visit site and make self assessment of work and bid accordingly, nothing extra can be claimed in this regard at any stage of work.
 - ix. The Contractor shall be fully responsible for the adequacy, stability and safety of all site operations and methods of construction.
 - x. The Contractor shall promptly inform the Bank of any error, omission, fault and other defects in specifications for the Works, which are discovered while reviewing the Contract Documents or in the process of execution of the Works.
 - xi. The Contractor shall arrange for the permits and licenses for release of materials, which are under Government control subject to the Bank giving all the necessary assistance and signing any forms or applications that may be necessary.
 - xii. The Contractor shall comply with the provisions of all statutory legislation prevailing during the currency of contract.
10. The Contractor shall keep the Bank saved harmless and indemnified against claims if any of the workmen and all costs and expenses as may be incurred by the Bank in connection with any claim that may be made by any workmen.

11. GENERAL CONDITIONS

- i. The schedule of Quantities given in the Contract Bill are provisional and are meant to indicate the intent of the Work and to provide a uniform basis for tendering. The Bank reserves the right to increase or decrease any of the quantities or to totally omit any item of Work and the Contractor shall not claim any extras or damages on these grounds.
 - ii. Any error in description or in quantity or omission of items from the Contract Bill shall not vitiate this Contract but shall be treated as a variation.
 - iii. The rates quoted by the Contractor in the priced bill of quantities (Contract Bills) shall be treated as firm and the contract sum shall be deemed to have been calculated with reference to the cost of execution of Works as set out in Contract Documents and shall not be adjusted or altered for any reason other than any adjustments on account of statutory rise or fall in the cost of labour and/or material or any other matters affecting the cost of execution of Works, or price variation adjustment formula if provided.
12. Notwithstanding anything contained elsewhere in any of the clauses of the tender, the prices/rates quoted for each item/Work in the Bills of Quantities shall be deemed to be inclusive of all direct and indirect costs, duties, taxes, sales tax, consignment tax, octroi/local tax, Works contract tax, etc. on any of inputs, royalty on quarried items etc. that may be involved in completing the item/Work as required in the fulfillment of all obligations under the contract and to the satisfaction of the Bank. Additional Taxes / Levies by Central / State Government legislations after opening of tender shall be reimbursed to the contractors as per actuals.
13. All the interim payments shall be regarded as payments by way of advance against the

final payment only and not as payments for Work actually done and completed, and shall not preclude the repairing of bad, unsound, and imperfect or unskilled Work to be removed and taken away and reconstructed, or re-erected or be considered as an admission of the due performance of the contract, or any part thereof in any respect or the accruing of any claim, nor shall, it conclude, determine or affect in anyway the power of the Bank under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract. The final bill shall be submitted by the Contractor within one month of the date fixed for completion of the Work and payment shall be made within eight (8) weeks from the date of receipt of final Bill and joint measurement.

14. INSURANCE

- i. Without limiting the obligations and responsibilities under Contract Clause for Care of Work the Contractor shall effect third party insurance with an insurer and in terms approved by the Bank in the joint names of the Bank and the Contractor-
- ii. against all loss or damage from whatever cause arising, other than the excepted risks stated in contract clause of the General Conditions for which the Contractor is to be held responsible under the terms of the Contract so as to cover the Bank and the Contractor during the period beginning with commencement of the Works until the date stated in the Certificate of Completion for the whole of the Works.
- iii. Against any loss or damage occasioned by the Contractor in the course of any operations carried out by him for the purposes of completing the outstanding Work during the Defects Liability period pursuant to the Undertaking given at the time of applying for the issue of Certificate of Completion.
- iv. Against any loss or damage occasioned by the Contractor in the course of any operations carried out by him for rectifying any defect in perfection or fault appearing during the progress of the Work or during the Defects Liability Period.
- v. Against any loss or damage occasioned by the Contractor in the course of any operations carried out by him for searching the cause of any defect, imperfection or fault appearing during the progress of the Works or during the Defects Liability Period.
- vi. Against any liability for or in respect of any damages or compensation payable at law in respect of or in consequence of any accident or injury to any workmen or other person in the employment of the sub-Contractor provided the sub-contractors shall not have insured against such contingency. (Insurance against accident etc. to workman)
- vii. Unless otherwise instructed the Contractor shall insure the Works and keep them insured until the virtual completion of the contract against loss or damage by fire and/or earthquake, flood etc.
- viii. The Contractor shall maintain Contractors' all risks insurance policy covering loss, damage, theft, burglary etc. of all materials and equipments, temporary Works and the Work shall be insured for a total sum equal to the value of all such items plus 10% of such value.

Provided always that all the insurance under the contract documents shall be arranged by the Contractor from a first class insurance company having a branch near the site who can deal with all matters pertaining to the subject, the insurance must be placed with a company approved by the Bank, in the joint names of the Bank and the Contractor for such amount and for any further sum if called to do so by the Bank, the premium of such further sum being allowed to the Contractor as an authorised extra.

15. The Contractor shall deposit the policy and receipt for premiums paid with the Bank within 21 (twenty-one) days from the date of issue of Work order unless otherwise instructed. In default of the Contractor insuring as provided above, the Bank on his behalf may so insure and may deduct the premiums paid from any money due, or which may become due to the Contractor. The Contractor shall as soon as the claim under the policy is settled or the Work reinstated by the Insurance Company should they elect to do so, proceed with due diligence with the completion of the Works in the same manner as though the insured risk/contingency has not occurred and in all respects under the conditions of the contract. The Contractor in case of rebinding or reinstatement after the occurrence of the insured risk/contingency shall be entitled to such extension of time for completion as the Bank may deem fit.
 - A. Such insurance shall continue during the whole of the time of continuance of Work and/or during such time that any persons are employed by him on the Works and shall when required produce before the Bank or the consultant, such policy of insurance and the receipt for payment of the earlier premium and the current premium.
 - B. The insurance shall be effective in such manner that the Bank is indemnified under the policy. In the event of the sub-contractor having effected an insurance against accident etc. to the workmen the Contractor shall require such sub-contractor to produce to the Bank / consultant when required, such policy of insurance and the receipt for the payment of the current premium, then in that event insurance under clause (vii) hereof by the Contractor shall not be necessary.
- 16 The Contractor shall provide for adequate cover to the Bank as per the provisions of Workmen Compensation Act.
- 17 The Contractor shall make available the insurance cover note before the commencement of the Work and shall notify any change in the nature or extent of the Work and also make available additional insurance of Works if required in special circumstances.

18 DEFECTS LIABILITY

- A. Any defects, shrinkages or other faults which shall appear within the Defects Liability Period of 12 months from the date of handing over the works and which are due to materials or workmanship not in accordance with this contract or on account of failure on the part of the Contractor to comply with any of his obligations expressed or implied shall be specified by the consultant in a schedule of defects which he shall deliver to the Contractor not later than 14 days after the expiration of the Defects Liability Period, and within a reasonable time after receipt of such schedule the defects, shrinkages and other faults therein specified shall be made good by the

Contractor and (unless the consultant shall otherwise instruct, in which case the contract sum shall be adjusted accordingly) entirely at his own cost.

- B. The Contractor shall make good at his own costs and to the satisfaction of the consultant, all defects, shrinkages or small faults arising in the opinion of the Bank from Work or materials not being in accordance with the drawings or specifications or schedule of quantities or the instructions of the Bank, which may appear within the **"Defects Liability Period of 12 months from the date of handing over completed site"** referred to in the Appendix to General Conditions. All defects, shrinkages or small faults arising from any other cause not attributable to the Contractor shall be rectified by the Contractor as an additional work.
- C. In the event of failure of the Contractor to carry out any such work to the satisfaction of the Bank, the Bank shall be entitled to carry out the same at the Contractor's costs and all expenses consequential and incidental thereto shall be deducted by the Bank from any payment due or to become due to the Contractor.
- D. When in the opinion of the Bank any defects, shrinkages or other faults which he may have required to be made good under sub-clause (1) and (2) of this condition shall have been made good he shall issue a certificate to that effect, and completion of making good defects shall be deemed for all the purposes of this contract to have taken place on the day named in such certificate.

19 **SPECIAL RISK**

The Contractor shall not be liable for or in respect of any consequences arising out of any special risks as enumerated in relevant clause of the General Conditions. The responsibilities, rights and liabilities of the parties in such case shall be determined with respect to Clause 65 of the General Conditions.

20 **STATUTORY OBLIGATIONS, NOTICES, FEES AND CHARGES**

The Contractor shall comply with and give all notices required by any Act of Parliament, any instrument rule or order made under any Act of Parliament, or any regulation or byelaw of any local authority or of any statutory undertaker which has any jurisdiction with regard to the Works or with whose systems the same are or will be connected. The Contractor before making any variation from the contract drawings or the contract bills necessitated by such compliance shall give to the Bank a written notice specifying and giving the reason for such variation and the bank may issue instructions in regard thereto. If within 7 days of having given the said written notice the Contractor does not receive any instructions in regard to the matters therein specified, he shall proceed with the Work confirming to the Act of Parliament, instrument, rule, order, regulation or byelaw in question and any variation thereby necessitated shall be deemed to be a variation required by the Bank.

21 **MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS**

- A. All the Works specified and provided for in the specifications or which may be required to be done in order to perform and complete any part thereof shall be executed in the best and most workmanlike manner with materials of the best and approved

quality of the respective kinds in accordance with the particulars contained in and implied by the specifications and as represented by the drawings or according to such other additional particulars, and instructions as may from time to time be given by the Bank during the execution of the Work, and to his entire satisfaction.

- B. If required by the Bank the Contractor shall have to carry out tests on materials and workmanship in approved materials testing laboratories or as prescribed by the Bank at his own cost to prove that the materials etc., under test conform to the relevant I.S. Standards or as specified in the specifications. The necessary charges for preparation of mould (in case of concrete cube) transporting, testing etc., shall have to be borne by the Contractor. No extra payment on this account should in any case be entertained.
- C. In case contractor is delaying or refusing or avoiding testing of material, the Bank shall arrange for carrying out testing of material and the necessary expenditure in carrying out the testing, transportation and incidental expenses shall be recovered from the contractor.

22 All the materials (except where otherwise described) stores and equipment required for the full performance of the Work under the contract must be provided through normal channels and must include charge for import duties, sales tax, octroi and other charges and must be the best of their kind available and the Contractor/s must be entirely responsible for the proper and efficient carrying out of the Work. The Work must be done in the best workmanship. Samples of all materials to be used must be submitted to the Bank when so directed by the Bank and written approval from Bank must be obtained prior to placement of order.

23 During the inclement weather the Contractor shall suspend concreting and plastering for such time as the Bank may direct and shall protect from injury all Work when in course of execution. Any damage (during constructions) to any part of the Work for any reason due to rain, storm or neglect of Contractor shall be rectified by the Contractor in an approved manner at no extra cost.

24 If the Work be suspended by reason of rain, strike, lock-outs or any other cause, the Contractor shall take all precautions necessary for the protection of Work and at his own expenses shall make good any damage arising from any of these causes.

25 The Contractor shall cover up and protect from damage from any cause, all new Work and supply all temporary doors, protection to windows, and any other requisite protection for the execution of the Work whether by himself or special tradesmen or sub-contractor and any damage caused must be made good by the Contractor at his own expenses.

26 **SUBSTITUTION**

Should the Contractor desire to substitute any materials and workmanship, he/they must obtain the approval of the Bank in writing for any such substitution well in advance. Materials designated in this specification indefinitely by such term as "Equal" or "Other approved" etc. specific approval of the Bank has to be obtained in writing. The term equivalent means, if material specified is not available, then after

satisfying to the fact, the Bank may give other material to be used which will be subject to adjustment in purchase prices.

27 INSPECTION OF WORKS

- A. All materials and workmanship shall be subject to inspection, examination and test at any and all times during manufacture and/or construction. The Bank may issue instructions requiring the Contractor to open up for inspection any work covered up or to arrange for or carry out any test at any and all times.
- B. The Bank shall have the right to reject the defective material and workmanship or require its correction.
- C. The test of any materials or goods (whether or not already incorporated in the Works) or of any executed Work, and the cost of such opening up or testing (together with the cost of making good in consequence thereof) shall be added to the contract sum unless provided for in the contract bills or unless the inspection or test shows that the Work, materials or goods are not in accordance with this contract.
- D. The Bank may issue instructions in regard to the removal from the site of any Work, materials or goods, which are not in accordance with this contract.
- E. The Bank may (but not unreasonably) issue instructions requiring the dismissal from the Works of any person employed thereon.
- F. On the failure of the Contractor to comply with any of the Bank's instructions the Bank may proceed to replace or correct such material/workmanship entirely at the cost of the Contractor.

28 REMOVAL OF IMPROPER WORK

The Bank shall during the progress of the Work have power to order in writing from time to time the removal from the Work within such reasonable time or times as may be specified in the order of any materials which in the opinion of the Bank are not in accordance with specification or instructions, the substitution or proper re-execution of any Work executed with materials or workmanships not in accordance with the drawings and specifications or instructions. In case the Contractor refuses to comply with the order the Bank shall have the power to employ and pay other agencies to carry out the Work and all expenses consequent thereon or incidental thereto as certified by the Bank shall be borne by the Contractor or may be deducted from any money due to or that may become due to the Contractor. No certificate which may be given by the Bank shall relieve the Contractor from his liability in respect of unsound Work or bad materials.

29. PROTECTIVE MEASURES

- A The Contractor from the time of being placed in possession of the site must make suitable arrangements for watching, lighting and protecting the work, the site and surrounding property by day, by night, on Sundays and other holidays.
- B Contractor shall indemnify the Bank against any possible damage to the building, roads,

or members of the public in course of execution of the work.

29 C The contractor shall provide necessary temporary enclosures etc. for the protection of the work and materials and for altering and adopting the same as may be required and removing on completion of the works and making good all works disturbed.

30 **NOTICE AND PATENTS OF APPROPRIATE AUTHORITY AND OWNERS.**

A. The Contractor shall conform to the provisions of any Acts of the Legislature relating to the Work, and to the Regulations and Bye-laws of authorities, and/or any water, lighting and other companies, and/or authorities with whose systems the structures were proposed to have connection and shall before making any variations from the drawings or specification that maybe associated to so conform, give the Bank written notices, specifying the variations proposed to be made and the reasons for have making them and apply for instruction thereon. The Bank on receipt of such intimation, shall give a decision within a reasonable time.

B. The Contractor/s shall arrange to give all notices required for by the said Acts, Regulations or Bye-laws to be given to any authority, and to pay to such authority or to any public officer all fees that may be properly chargeable in respect of the Work and lodge the receipts due with the Bank.

31 **ASSIGNMENT AND SUB-LETTING**

A. The whole of the Works included in the contract shall be executed by the Contractor and the Contractor shall not directly or indirectly transfer, assign or underlet the contract or any part, share or interest therein nor, shall take a new partner, without written consent of the Bank and no subletting shall relieve the Contractor from the full and entire responsibility of the contract or from active superintendence of the Work during their progress.

B. The Contractor shall not assign the Contract or any benefit or interest therein or thereunder, otherwise than by a charge in favour of the Contractor's bankers of any money due or to become due under this Contract, without the prior written consent of the Bank.

C. The Contractor shall not sub-let the whole of the Works except where otherwise provided by the contract, the Contractor shall not sublet any part of the Works without the prior written consent of the Bank, which shall not be unreasonably withheld, and such consent, if given shall not relive the Contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any sub-contractor, his agents, servants or workmen as fully as if they were the acts, defaults or neglects of the Contractor, his agents, servants or workmen. Provided always that the provision of labour on a piecework basis shall not be deemed to be a subletting under this clause. The Contractor shall co-ordinate and shall be responsible for all aspects of his sub-contractor(s) without being relieved of any of his obligation under the contract.

D. If, the contracting agencies are violating the tender terms and sub-let the work without bank's consent and the same is brought to the notice of the Bank, the Bank will be

entitled to recover 10% of such work as penalty besides initiating measures as provided in contract.

32. If, at any time during the execution of the Works, the Bank shall require the Contractor to make boreholes or to carry out exploratory excavation, such requirement shall be ordered in writing and shall be deemed to be an addition ordered under the provisions of the General Conditions unless a provisional sum in respect of such anticipated Work shall have been included in the Bill of Quantities.
33. The Contractor shall in connection with the Works provide and maintain at his own costs all lights, guards, fencing and watching when and where necessary or required by the Consultant / Engineer or the Bank, or by any duly constituted authority, for the execution and for the protection of the Works, and/or for the safety and convenience of the public / others.
34. The Contractor shall, in accordance with the requirements of the Bank, afford all responsible opportunities for carrying out their Work to any other Contractors employed by the Bank and their workmen and to the workmen of the Bank and of any other duly constituted authorities who may be employed in the execution on or near the Site of any Work not included in the contract or of any contract with the Bank may enter into in connection with or ancillary to the Works. The Contractor will not be paid any compensation on this account.
35. Shall keep the Site reasonably free from unnecessary store of constructional plant and machinery, wreckage and rubbish during progress of Works and on completion leave the whole site clean and in a workmanlike condition to the satisfaction of the Bank.

36. Default of Contractor

If the Contractor

- i. being a company presents a petition for winding up and/or goes into liquidation (other than a voluntary liquidation for the purposes of amalgamation or reconstruction) or
- ii. shall make an assignment or a composition for the benefit of the greater part, in number of amount of his creditors or shall enter into a Deed or arrangement with his creditors, or
- iii. if a Receiver of the Contractor's firm appointed by the court shall be unable, within fourteen days after notice to him requiring him to do so, to show to the reasonable satisfaction of the Bank that he is able to carry out and fulfill the contract, and if so required by the Bank to give reasonable security therefor, or
- iv. if the Contractor shall suffer execution to be issued, or
- v. shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the Contractor, or
- vi. shall assign, charge or encumber this contract or any payments due or which may become due to the Contractor without the consent in writing of the Bank first obtained, thereunder, or

- vii. shall agree to carry out the contract under a committee of inspections of his creditors, or
- viii. shall have an execution levied on his goods, or
- ix. shall use improper materials or workmanship in carrying on the Works, or
- x. shall in the opinion of the Bank not exercise such due diligence and make such due progress as would enable the Work to be completed within due time agreed upon, and
- xi. the Bank certifies in writing that the Contractor has failed to commence the Works or failed to proceed with the Works after the suspension order when so called upon by the Bank, or
- xii. shall abandon the contract,
- xiii. without reasonable excuse has failed to commence the Works or have suspended the progress of Works for 28 days after receiving from the Bank written notice to proceed on
- xiv. has failed to remove materials from the site or to pull down or replace for 28 days after receiving from the Bank written notice that the said materials or Work has been condemned and rejected by the Bank under these conditions or
- xv. despite previous writings by the bank in writing has failed to execute Works in accordance with the contract, or is persistently or flagrantly neglecting to carry out his obligations under the contract or as to the detriment of good workmanship or in defiance of the Bank instructions to the contrary, sublet any part of the contract then and in any of the said cases the Bank may notwithstanding previous waiver
 - a) determine the contract by after giving 14 days notice in writing to the effect as hereinafter mentioned, but without thereby affecting the powers of the Bank or the obligations and liabilities of the Contractor the whole of which shall continue in force as fully as if the contract, had not been so determined and as if the Works subsequently executed had been executed by or on behalf of the Contractor (without thereby creating any trust in favour of the Contractor)
 - b) further the Bank or his agent, or its officials, may enter upon the Site and take possession of the Work and all Constructional Plant, amenities, unused materials, tools, scaffolding, sheds, machinery, steam and other power, utensils and materials lying upon premises or the adjoining lands or roads reserved for the execution of the Works and
 - I. sell the same as his own property or
 - II. may employ the same by means of his own officials and workmen in carrying on and completing the Works or
 - III. by employing any other Contractors or other persons or person to complete the Works, and the Contractor shall not in any way interrupt or do any act, matter of thing to

prevent or hinder such other Contractors or other persons or person employed from completing and finishing or using the materials and plants for the Works when the Works shall be completed, or as soon thereafter as conveniently may be, the Bank shall give notice in writing to the Contractor to remove his surplus materials and plants and should the Contractor fail to do so within a period of 14 days after receipt by him the Bank may sell the same by Public Auction and shall give credit to the Contractor for the amount so realized.

- 36.1 Any expenses or losses incurred by the Bank in getting the Works carried out by other Contractors shall be adjusted against the amount payable to the Contractor by way of selling his tools and plants or due on account of Work carried out by the Contractor prior to engaging other Contractors or against the Security Deposit.
- 36.2 Upon such entry and expulsion by the Bank, Bank may adopt an appropriate mode at his discretion and certify the amounts, if any, that had at the time of such entry and expulsion reasonably been earned in respect of the work actually done by him and the value of any unused or partially used materials, any Constructional Plant and any amenities brought into existence exclusively for execution of the Works.
- 36.3 If the Bank shall enter and expel [the Contractor] under this Clause, he shall not be liable to pay to the Contractor any money on account of the Contract, until the expiration of the Defects Liability Period and thereafter until the costs of execution, damages for delay in completion, if any, and all other expenses incurred by the Bank have been ascertained and the amount thereof certified by the Bank. The Contractor shall then be entitled to receive only such sum or sums, if any, as the Bank may certify would have been payable to him upon due completion by him after deducting the said amount. If such amount shall exceed the sum which would have been payable to the Contractor on due completion by him, then the Contractor shall, upon demand, pay to the Bank the amount of such excess and it shall be deemed a "debt due" by the contractor to the Bank and shall be recoverable accordingly.

37 DEFAULT OF THE BANK

The Contractor may, if -

- a. The Bank does not pay to the Contractor the amount due on any certificate within six weeks from the receipt of Certificate named in the appendix to these conditions and continues such default for 7 days after receipt by registered post or recorded delivery of a notice from the Contractor stating that notice of determination under this condition will be served if payment is not made within 7 days from receipt thereof; or
- b. The Bank interferes with or obstructs the issue of any certificate due under this contract; or
- c. The carrying out of the whole or substantially the whole of the uncompleted Works is suspended by the Bank for a continuous period of 90 days;
- d. The Bank becomes bankrupt or makes a composition or arrangement with his creditors or has a winding up order or (except for the purposes of reconstruction) a resolution for voluntary winding up passed or a receiver or manager of his business or undertaking is duly appointed, or possession is taken by or on behalf of the holders of

any debentures secured by a floating charge, of any property comprised in or subject to the floating charge,

- e. if the Bank gives a formal notice of his inability to meet his contractual obligations after giving 14 days prior written notice by registered post or recorded delivery to the Bank terminate the employment of the Contractor PROVIDED that such notice shall not be given unreasonably or vexatiously.

37.1 Upon the expiry of 14 days notice referred to herein, the Contractor shall with all reasonable dispatch remove from the site all constructional plant brought by him thereon.

37.2 Upon such determination, without prejudice to the accrued rights or remedies of either party or to any liability which may accrue either before the Contractor or any sub-contractors shall have removed his temporary buildings, plant, tools, equipment, goods or materials or by reason of his or their so removing the same, the respective rights and liabilities of the Contractor and the Bank shall be as follows, that is to say:

- a. The Contractor shall with all reasonable dispatch and in such manner and with such precautions as will prevent injury, death or damage of the classes in respect of which before the date of determination he was liable to indemnify the Bank remove from the site all his temporary buildings, plant, tools, equipment, goods and materials and shall give facilities for his sub-contractors to do the same;
- b. After taking into account amounts previously paid under this contract the Contractor shall be paid by the Bank for;
 - The total value of Work completed at the date of determination;
 - The total value of Work begun and executed but not completed at the date of determination, the value being ascertained if such Work were a variation required by the Bank
 - The cost of materials or goods properly ordered for the Works for which the Contractor shall have paid or for which the Contractor is legally bound to pay, and on such payment by the Bank any materials or goods so paid for shall become property of the Bank;
 - The reasonable cost of removal under paragraph (a) of this sub-clause.
 - And in addition the amounts payable in respect of any preliminary item, so far as the work or service comprised therein has been carried out or performed and a proper proportion as certified by the Consultant / Engineer of any such item, work or service comprised in which has been partially carried out or performed.
 - A sum certified by the Bank being the amount of any expenditure reasonably incurred by the Contractor in the expectation of completing the whole of the Works in so far as such expenditure shall not have been covered by the payments made under this clause.

- The reasonable costs of repatriation of all the Contractor's staff and workmen, employed on or in connection with the Works at the time of such termination.

Provided always that against any payment due from the Bank under this sub-clause, the Bank shall be entitled to be credited with any outstanding balances due from the Contractor for advances in respect of constructional plant and materials and any other sums which at the date of termination were recoverable by the Bank from the Contractor under the terms of the Contract. The Bank shall also return all Bank Guarantees and Retention after proper accounts have been settled between the Contractor and the Bank.

Provided that in addition to all other remedies the Contractor upon such determination take possession of and shall have a lien upon all unfixed goods and materials, which may have become the property of the Bank until payment of all monies due to the Contractor from the Bank.

- 37.3 If a war or other circumstances outside the control of both the parties, arises after the Contract is made, so that either party is prevented from fulfilling his contractual obligations, or under the law governing the Contract, the parties are released from further performance, then the sum payable by the Bank to the Contractor in respect of the Work executed shall be the same as that which would have been payable under Clause 32 hereof as if the Contract had been terminated under the provisions of Clause 32 hereof. Performance of obligations becoming more onerous shall not be consider as a cause for "Frustration".

38 NOTICES

- 38.1 All certificates, notices or written orders to be given by the Bank to the Contractor under the terms of the Contract shall be served by sending by registered post or by Courier or delivering the same to the Contractor's principal place of business, or such other address as the Contractor shall nominate for this purpose or email.
- 38.2 All notices to be given to the Bank under the terms of the Contract shall be served by sending by registered post or by Courier or delivering the same to the respective addresses nominated for that purpose in Part II of these conditions.
- 38.3 Either party may change a nominated address to another address in the country where the Works are being executed by prior written notice to the other party and the Consultant / Engineer may do so by prior written notice to both parties.

39 ARBITRATION

- 39.1 Wherever, in any of the documents forming part of the Contract, the Bank's Dy General Manager, RO Karnal has been vested with the final powers, his decision, opinion, certificate or any other discretion shall be final conclusive and binding on the parties and shall be without appeal. All other matters shall be subject to the right of arbitration.
- 39.2 All disputes or differences of any kind whatsoever save and except matters referred to in clause 1) arising out of or in connection with the Contract, whether during the progress of Work or after Completion and shall after written notice by either party to

the contract to the other of them and to the Bank hereinafter mentioned be referred for adjudication to two Arbitrator, one each to be nominated by the Contractor and the Bank, who shall thereafter appoint an Umpire. The provisions of Indian Arbitration and Conciliation Act 1996 shall apply for the purposes.

- 39.3 The Work under the Contract shall, however, continue during the arbitration proceedings and no payment due or payable to the Contractor shall be withheld on account of such proceedings.
- 39.4 The Arbitrator shall be deemed to have entered on the reference on the date he issued notice to both the parties fixing the date of the first hearing.
- 39.5 The Arbitrator may from time to time, with the consent of the parties, enlarge the time for making and publishing the award.
- 39.6 The Arbitrator shall give a separate award in respect of each dispute or difference referred to him. The Arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasoned award. The venue of arbitration shall be such place as may be fixed by the Arbitrator in his sole discretion.
- 39.7 The fees, if any, of the Arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award including the fees, if any, of the Arbitrator who may direct to and by whom and in what manner, such costs or any part thereof shall be paid and may fix or settle and amount of costs to be so paid.
- 39.8 The award of the Arbitrator shall be final and binding on both the parties.
- 39.9 Subject to aforesaid the provisions of the Arbitration & Conciliation Act 1996 or any statutory modification or re-enactment thereof and the rules made thereunder, and for the time being in force, shall apply to the arbitration proceeding under this clause.
- 39.10 The Bank and the Contractor hereby also agree that arbitration under clause shall be a condition precedent to any right to action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.

AS WITNESS the hands of the said Parties.

Signed by the said In the presence of	Bank
Witness Name: Address	
Signed by the said In the presence of	Contractor
Witness Name: Address	

GENERAL INSTRUCTIONS TO CONTRACTORS
AND SPECIAL CONDITIONS

- 1) Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- 2) The Tender Form must be filled in English and all entries must be made by the hand and written in ink, if any of the documents is missing, or unsigned, the Tender may be considered invalid by the Bank in its discretion.
- 3) The contractor shall not assign the contract. He shall not sub-let any portion of the contract except with the written consent of the Bank. In case of breach of these conditions, the Bank may serve a notice in writing on the contractor rescinding the contract whereupon the Security Deposit shall stand forfeited to the Bank, without prejudice to his other remedies against the contractor. Central Govt. / State Govt. organization will not be allowed to sublet the work on back to back basis.
- 4) The contractor shall carry out of all the work strictly in accordance with Drawings, details and instructions of the Bank. If in the opinion of the Bank, changes have to be made in the design and with the prior approval in writing of the Employer, they desire the contractor to carry out the same, the contractors shall carry out the same without any extra charge. The Bank's decision in such cases shall be final and shall not be open to arbitration.
- 5) A Schedule of probable quantities in respect of each work and specifications accompany these special conditions. The Schedule of probable quantities is liable to alteration by omission, deductions or additions at the discretion of the Bank/ Bank. No claim will be entertained from the contractor on account of loss of profit over revising the tender rates.
- 6) The Tenderer must obtain for himself on his own responsibility and at his own expenses all the information which may be necessary for the purpose of filling of Tender and for entering into a contract and must examine the drawings 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 pertaining thereto. No compensation will be paid on account of not getting proper information.
- 7) The rates quoted in the Tender shall be inclusive of all charges for clearing of site before commencement as well as after completion, water, electrical consumption, meters, double-scaffolding, centering, boxing, staging, planking, timbering and pumping out water, including bailing, fencing, planking, timbering and pumping out water, including bailing, fencing, hoarding, plant and equipment, storage sheds, watching and lighting by night as well as day, including Sundays and Holidays, temporary plumbing and electric supply, protection of the public and safety of adjacent roads, streets, cellars, vaults, open pavements, walls, houses, buildings and all other erections, matters or things and the contractor shall take down and remove any or all such centering, scaffolding, staging, planking, timbering, strutting, shoring, etc. as occasion shall require or when ordered so to do, and fully reinstate and make good all matters and things disturbed during the execution of the work and to the satisfaction of the Bank / Consultant.

- 8) Time allowed for carrying out the work as mentioned in the Memorandum shall be strictly observed by the contractor and its shall be reckoned from the 10 days after acceptance of order to commence the work or the date of handing over the site to the contractor whichever is later. The work shall throughout the stipulated period of the contract be proceeded with all due diligence and if the contractor fails to complete the work within the specified period i.e.90 days /3 months, he shall be liable to pay compensation as defined in the conditions of contract.
- 9) The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work, whatever the case 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 contracts for other trades if the project or in commencement or completion of such works or in procuring government controlled or other building materials or in obtaining water and power connections for construction purposes or for the other reasons whatsoever and the Employer shall not be liable for any 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.
- 10) The successful Tenderer is bound to carry out any items of work necessary for the completion of the job even though such items are not included in the quantities and rates. Schedule of instructions in respect of such additional items and their quantities will be issued in writing by the Bank / consultant with the prior consent in writing of the Bank.
- 11) The successful Tenderer must co-operate with the other contractors appointed by the Employer so that the work shall proceed smoothly with the least possible delay and to the satisfaction of the Banks / Consultant.
- 12) The contractor must bear in mind that all the work shall be carried out strictly in accordance with the specifications made by the Bank / Consultant and also in compliance of the requirements of the Authorities concerned and no deviation on any account will be permitted.
- 13) (i) The rates quoted in the Schedule rates also include the expenditure for providing all the water required for the work and the contractor shall make his own arrangements for the supply of good quality water including obtaining Municipal connection for his labour as well as for construction purpose and all charges shall be borne by him. If Municipal water connection is not available and should it become necessary for the contractor to drill a bore well for obtaining water for construction purposes or to bring water from outside by Tankers, The Bank shall not be liable to pay any charges in connection therewith.

(ii) The rates quoted in the Tender shall also include Electric consumption charges for Power. If no power is available at site, the contractor shall have to make his own arrangement to obtain electric power connection and maintain at his own cost an efficient service of electric light and power and shall pay for the electricity consumed.

(iii) For water and power, the contractor to whom the work is allotted shall maintain the same in good working conditions.

(iv) Contractor for other trades appointed by the Bank shall also be allowed to use water and power available by fixing reasonable charges mutually agreed.

(v) Any dispute regarding payment for water and power charges by the other contractor and or by subsidiary agencies appointed by the Bank to the contractor, who has obtained the temporary connections and allowed sub-connections, will be settled by the Bank / Consultant and the decision taken by the Bank / Consultant shall be final and shall be that of the contractor.

(vi) The Bank as well as the Consultant shall give all possible assistance to the Contractor to obtain the requisite permission from the various authorities, but the responsibility for obtaining the same shall be that of the contractor.

(vii) If no such facility is available at the site of work and if available found inadequate, it shall be the responsibility of the contractor to make his own arrangement for obtaining water and power at his cost.

- 14) The contractor will have to obtain completion / clearance certificate in respect of services such as water supply, sewerage, etc. The contractor will also obtain permanent water connection for the entire project. The Bank will pay necessary fee to be made to Govt. authorities.
- 15) The Contractor shall strictly comply with provision of safety code annexed hereto.
- 16) The contractor shall indemnify Union Bank of India, against any claim or legal action arising out of the said Act due to the failure of non-compliance of the provisions of the said Act and the penalty or any other amount levied by the authorities, shall be recoverable from the payments due to the contractors.
- 17) The Contractor shall comply with the provision of the Apprentices Act,1961, and the Rules and Orders issued there under from time to time. Failure to do so will be in a breach of the contract and the Bank / consultant and the Bank may in their discretion cancel the contract. The contractor shall also be liable for any pecuniary or other liabilities arising on account of any violation by him of the provisions of the Act.
- 18) The Security Deposit of the successful Tender will be forfeited if he fails to comply with any of the conditions of the contract.
- 19) The contractor shall be responsible for the observance of all Central Rules and Regulation framed by the Central Government under the Contract Labour (Regulation and Abolition) Act,1970. The Bank shall be entitled to deduct all damages, which it might suffer on account of non-observance of these rules by the Contractor, from the amount payable to the Contractor.
- 20) Contractors are not allowed to remove materials brought at Site against which advances have been paid.

- 21) The Contractor is to provide at all times during the progress of the works and the maintenance period / defect liability period proper means of access, with ladders, gangways, etc., and the necessary attendance to move and adopt as directed for the inspection or measurement of the works by the Consultant or their representatives.
- 22) Materials shall be of approved quality and the best of their kind available and shall generally conform to I.S. Specifications. The Contractor shall order all the materials required for the execution of work as early as necessary and ensure that such materials are on site well ahead of requirement for use in the work. The work involved calls for approved standard of workmanship combined with speed and to the entire satisfaction of the Bank/ consultant. All the material shall be approved by the Consultant / Bank before use. Contractor to arrange samples well in time.
- 23) The Contractors shall after completion of the work clear the Site of all debris and left over materials at his own expenses to the entire satisfaction of the Bank / Consultant and Municipal or other public authorities.
- 24) The contractor herewith agrees that in respect of inspection of works by the Chief Technical Examiner of the works, a wing of Central Vigilance Commission and the bills of the contractor including all supporting vouchers, abstract etc. to be made after payment of the bills and if as a result of such audit and technical examination any sum is found to have been over paid in respect of any work done by the contractor under the contract or any work claimed by him to have been done by him under the contract and found not to have been executed or any work is found not to have been executed in accordance with the contract, the contractor shall be liable to refund the amount of over payment made already and it shall be lawful for the bank to recover the same from him in any manner the bank deems fit either from any payments due and / or becoming due to the contractor or from the security deposit or retention money or through any further bills and / or final bill or in any other manner whatsoever not excluding through recourse to legal action. The certification of bills / measurements by consultant / Bank and Engineer will be scrutinized by the Bank's Central Office / Audit / Vigilance and any deficiency will be corrected accordingly. Contractor cannot insist for payment just because it is signed by consultant / Bank / engineer. The contractor herewith agrees to co-operate with the Bank / Consultant while such examinations of works and redo the things without any extra cost to the Bank. It is essential and agreed condition of the contract that any such action taken by the bank shall be deemed to be the fully legal and valid and binding on the contractor.
- 25) Contractors are requested to note that no extra item or deviated item of work to be executed without taking prior permission, the Bank shall not be held responsible for the payment of such works executed. Contractors will have to submit all the particulars including purchase bills/price list for the materials along with the rate analysis for verification of Percentage Rates.
- 26) If it is observed the existing compound wall, gates railings are damaged then the contractors will have to make good the same at their own cost.
- 27) If contractors fail to pay the taxes/royalties to the Authorities concerned, the bank reserve their rights to recover the said amount from the amount payable to the contractor and pay the same to the Authorities concerned.

- 28) Work is to be executed & measurements are to be paid as per the detail specification & description of item given in the Standard Specification Book except for the items which are specifically mentioned in the tender for which the details of item and mode of measurements to be followed as indicated separately in the conditions of contractors.
- 29) If there are any contracting clauses mentioned in the tender, the interpretation of the same will be done by the Bank / consultant. However, the decision of the Bank will be final and binding.
- 30) After awarding the work, contractor shall get registered with the office of the Labour commissioner and inform Bank accordingly. Contractors shall follow all rules and regulations stipulated by the Labour Commissioner strictly.
- 31) Contractors shall quote consistent rates for the items of similar nature or analogous in specifications for the sections in schedule of quantities. If it is observed that the rates quoted for similar nature of items or analogous in specification under different sections, are inconsistent, then the Bank reserves his right to consider the lowest of rates for all such items and work out the final amount for payment, unless the competent authority finds that there is justifications for such inconsistent rates.
- 32) The contractor shall give a list of his relatives working with the bank along with their designations and addresses.
- 33) No employee of the bank is allowed to work as a contractor for a period of two years of his retirement from bank service, without the previous permission of the bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the bank as aforesaid before submission of the tender or engagement in the contractor's service.

THE CONDITIONS HEREINBEFORE REFERRED TO

1. Definition of terms / interpretation:

In construction these conditions, the specification schedule of quantities and contract agreement, the following words shall have the meanings herein assigned to them expect where the subject or context otherwise requires.

(a) "Employer/ / owner / Bank" shall mean "Union Bank of India, Government of India undertaking" having Central Office at 239, Vidhan Bhawan Marg, Nariman Point, Mumbai - 400 0021 and any of its employees representatives authorized on their behalf.

(b) "Contractors" (in case of partnership) shall mean.....andtrading as partners in the name and style ofand shall include partners for the time being of the said firm and the legal representatives of a deceased partner.

"Contractors" (in case of individuals) shall mean.....andtrading in the name and style ofand shall include his / their heirs, legal representative assigns or successors.

"Contractors" (in case of company) shall mean.....a company incorporated underand having its registered office atand shall include its successors and assigns.

(c) "Site" shall mean "Work Place located at _____ include any building and erections thereon and any other land (inclusively), as aforesaid, allotted by the Bank for the contractor's use.

(e) Bank / Engineer: Bank's Architect / Engineer for the management of the project.

(g) "The works" shall mean the work or works to be executed or done under this contract.

(h) "This Contract" shall mean Articles of Agreement, the special conditions, the general conditions of contract, the appendix, the schedule of quantities and specifications, attached hereto and duly signed.

(i) "Notice in writing" or written notice shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received), by registered post to the last known private or business address or registered office of the addressee and shall be deemed to have been received when in the ordinary course of post, it would have been delivered.

(j) "Act of Insolvency" shall mean any Act of Insolvency as defined by the Presidency Towns Insolvency Act, or the Provincial Insolvency Act or any amending such original.

(k) "The Schedule of Quantities" shall mean the schedule of quantities as specified and forming part of this contract.

- (l) "Priced Scheduled of Quantities" shall mean the schedule of quantities duly priced with the accepted quoted rates of the contractor.
- (m) "Net Prices" If in arriving at the contract amount, the contractor shall have added to or deducted from the total of the items in the Tender any sum either as a percentage or otherwise, then the net price of any item in the Tender shall be the sum arrived at by adding to or deducting from the actual figure appearing in the Tender as the price of that item a similar percentage or proportion of the sum so added or deducted of the sum so added or deducted by the contractor the amount of any Prime Cost items and provisional sums of money shall be deducted from the total amount of the Tender. The expression "net rates" or "net prices" when used with reference to the contract or accounts shall be held to mean rates or prices so arrived at.

2. SCOPE OF WORK:

The work consists of construction of Civil Electrical Installation/ Data / Furnishing and all other related works in accordance with drawings, schedule of quantities. The civil, sanitary, plumbing, electrical Installation, external sewerage / drainage, water supply works and construction of internal road and pathways etc., are within the scope of this tender. It includes furnishing all materials, labour, tools and equipment and management necessary for and incidental to the construction and completion of the work. All work, during its progress and upon completion shall conform to the lines, elevations and grades as shown on the drawings furnished by the employer / Banks. Should any detail essential for efficient completion of the work be omitted from the drawings and specifications it shall be the responsibility of the contractor to inform the Bank / Consultant and to furnish and install such detail with Bank / Consultant's concurrence, so that upon completion of the proposed work the same will be acceptable and ready for use.

3. CONTRACTOR'S RESPONSIBILITY

The Contractor shall carry out and complete the said work in every respect in accordance with this contract and with the directions of and to the satisfaction of Bank. The Consultant may in his absolute discretion and in consultation with the Bank (with prior approval from the Bank) and from time to time issue drawings and/or written instruction, details directions and explanations which are hereafter collectively referred to as "Consultant /Bank's Instruction".

In regard to :-

- a. The variations or modifications of the design, quality or quantity of works or the additions or omission or substitution of any work.
- b. Any discrepancy in the drawings or between the schedule of quantities and/or drawings and or drawings and or specification.
- c. The removal from the site of any defective materials brought thereon by the contractor and the substitution of any other materials thereof.
- d. The removal and/or re-execution of any works executed by the contractor.
- e. The dismissal from the works of any person employed thereupon.
- f. The opening up for inspections of any work covered up.
- g. The amending and making good of any defects under clauses 19 hereof and those arising during the maintenance / defect liability period.

The contractor shall forthwith comply with and duly execute any work comprised in such Consultant /Bank instructions, provided always that the verbal instructions, directions, and explanations given to the contractor or his representative upon the works by the Consultant /Bank shall, if involving a variation, be confirmed in writing by the contractor within seven days, and if not dissented from in writing within a further seven days by the Consultant, such shall be deemed to be Consultant /Bank instructions within the scope of the Contract.

4. VISIT TO SITE

The contractor shall visit the site and make himself thoroughly acquainted with the local site condition, nature and requirements of the works, facilities of transport condition, effective labour and materials, access and storage for materials and removal of rubbish. The tenderer shall provide in their tender for cost of carriage, freight and other charges as also for any special difficulties and including police restriction for transport, etc. for proper execution of work as indicated in the drawings. The successful tenderer will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site condition which existed before the commencement of the work or which in the opinion of the Bank or Consultant might be deemed to have reasonably been inferred to be so existing before commencement of work.

5. AGREEMENT

The successful contractor is required to sign agreement as may be drawn up to suit local conditions and shall pay for all stamps and legal expenses, incidental thereto.

6. PERMITS AND LICENSES

Permits and licenses for release of materials which are under Government control will be arranged by the contractor. The Bank will render necessary assistance, sign any forms or applications that may be necessary.

The contractor shall at his own cost arrange for storage shed adequate for taking delivery and storing of the quantity of controlled materials released by the authorities or supplied by the Bank. The costs of storing, transporting, etc. of all materials including those under Government control are to be included by the tenderer in his quoted rates.

The Bank / Consultant shall be indemnified against all Government or legal actions for theft or misuse of any controlled materials in the custody of the contractor.

7. GOVERNMENT AND LOCAL RULES

The contractor shall conform to the provisions of all local Bye-laws and Acts relating to the work and to the Regulations etc. of the Government and Local Authorities and of any company with whose system the structure is proposed to be connected. The contractor shall give all notices required by said Act, Rules, Regulations and Bye-laws, etc. and pay all fees payable to such authority / authorities for execution of the work involved. The cost, if any, shall be deemed to have been included in his quoted rates,

taking into account all liabilities for license, fees for footpath encroachment and restorations etc. and shall indemnify the Bank against such liabilities and shall defend all actions arising from such claims or liabilities.

8. QUANTITY OF WORK TO BE EXECUTED

The quantities shown in the schedule of quantities are intended to cover the entire structure but the Bank reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore. The quantity may vary to any extent and even the same will be omitted. No separate payment / compensation / revision in the rates will be entertained.

9. VARIATIONS TO BE APPROVED BY THE BANK / CONSULTANT

Notwithstanding anything herein contained, the contractor shall submit to the Bank, a statement of variations giving rise quantity and rates duly supported by analysis of rates, vouchers, etc. The rates on scrutiny and final acceptance by the Bank shall form a supplementary tender. The Bank shall not be liable for payment of such variations until these statements are sanctioned by the bank.

10. CONTRACTOR TO PROVIDE EVERYTHING NECESSARY:

The contractor shall provide everything necessary for the proper execution of the works according to the intent, Schedule of quantities and Specification taken together whether the same may or may not be particularly shown or described therein provided that the same can be reasonably be inferred there from, and if the contractor finds any discrepancies therein, he shall immediately and in writings, refer the same to the Bank whose decision shall be final and binding. The contractor shall provide himself for ground and fresh water for carrying out of the works at his own cost. The Bank shall on account be responsible for the expenses incurred by the contractor for hired ground or fresh water obtained from elsewhere.

- (i) The rates quoted against individual items will be inclusive of everything necessary to complete the said items work within the contemplation of the contract, and beyond the unit price no extra payment will be allowed for incidental or contingent work, labour and /or materials inclusive of all taxes and duties whatsoever except for specific items, if any, stipulated in the tender documents.
- (ii) The contractor shall supply, fix and maintain at his own cost, for the execution of any work, all tools, tackles, machineries and equipments and all the necessary centering, scaffolding, staging, planking, timbering, strutting, shoring, pumping, fencing, boarding, watching and lighting by night as well as by day required not only for the proper execution and protection of the said work but also for the protection of the public and safety of any adjacent roads, streets, walls, houses, buildings, all other erections, matters and things and the contractor shall take down and remove any or all such centering, scaffolding, plumbing, timbering, strutting, shoring etc., as occasion shall be required or when ordered so to do, and shall fully reinstate and make good all matters and things disturbed during the execution or when ordered so to do, and shall fully reinstate and make good all matters and things disturbed during the execution of works to the satisfaction of the Bank.

- (iii) The Contractor shall also provide such temporary road on the site as may be necessary for the proper performance of the contract and for his own convenience but not otherwise. Upon completion, such roads shall be broken up and leveled where so required by the Bank.
- (iv) The contractor shall at all times give access to workers employed by the Bank or any men employed on the buildings and to provide such parties with proper sufficient and if required, special scaffolding, hoists and ladders and provide them with water and lighting and leave or make any holes, grooves etc., in any work, where directed by the Bank as any be required to enable such workman to lay or fix pipes, electrical wiring, special fittings etc. The quoted rates of the tenderers shall accordingly include all these above-mentioned contingent works.

11. AUTHORITIES NOTICES AND PATENTS

The contractor shall confirm to the provisions of any Act of the legislature relating to the works, and to regulations and bye-laws of any authority, and or any water electric supply and other companies and /or authorities with and whose the systems the structures is proposed to be connected, and shall, before making any variations from the drawing or specifications that may be associated to so confirming, give to the Bank written notice, specifying the variations proposed to be made and the reason for making it and apply for instructions thereon. In case the contractor shall not within ten days receive such instructions he shall proceed with the work confirming to the provisions, regulations, or byelaws in questions, and variations so necessitated shall be dealt with under clause 13 hereof.

The contractor shall bring to the attention of the bank all notices required by the said Acts, regulations or bye-law to be given to any authority and pay to such authority, or to any public office, all fees that may be properly chargeable in respect of the said work, and lodge the receipt with the Bank.

The contractor shall indemnify the Bank against all claims in respect of patent rights, royalties, damages to buildings, roads or members of public in course of execution of work and shall defend all actions arising from such claims and shall keep the Bank saved harmless and indemnified in all respects from such actions, costs and expenses.

12. CLEARING SITE AND SETTING OUT WORKS

The site shall be cleared of all obstructions, loose stone, and material rubbish of all kind. All holes or hollows either originally existing or produced by removal of loose stone or material shall be carefully filled up with earth, well rammed and leveled of as directed at his own cost. The contractor shall set out the works and shall be responsible for the true and perfect setting out of the work and for the correctness of the positions, dimensions, levels and the alignment of all the parts thereof. If at any time any error in this respect shall appear during the progress of any part of work or within the period of one year from the completion of the works, the contractor shall at his own expenses rectify such error to the satisfaction of the Bank.

13. DATUM

The average ground level will be considered as the crown of the nearest road, which should be taken as "Datum" which is however, subject to final confirmation by the Bank.

14. BENCHES

The contractor is to construct and maintain proper benches of all the main walls, in order that the lines and levels may be accurately checked at all times.

These benches will consist of salwood post of adequate length and minimum diameter 75mm to be driven in the ground at suitable distance as directed encased with brickwork. The wire nails will be driven on the top of salwood post on the center lines of columns, walls, inside and outside faces of foundation trenches, in order that lines may be stretched between the benches and accurate intersection of excavation. Centre line of walls, columns, etc. may be clearly indicated and checked at any time if it is so required.

15. CONTRACTOR IMMEDIATELY TO REMOVE ALL OFFENSIVE MATTERS

All soil, filth or other matters of any offensive nature taken out of any trench, sewer, drain, cesspool or other place shall not be deposited on the surface but shall be at once carted away by the contractor to place provided by him.

The contractor shall keep the foundations and works free from water and shall provide and maintain at his own expenses electrically or other power driven pumps and other plant to the satisfaction of the Bank for the purpose, until the building is handed over to the Bank. The contractor shall arrange for the disposal of the water so accumulated to the satisfaction of the Bank and local authority and no claims will be entertained afterwards if he does not include in his rates for the purpose.

16. MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS:

All the works specified and provided for in the specifications or which may be required to be done in order to perform and complete any part thereof shall be executed in the best and most workman like manner with materials of the best and approved quality of the respective kinds in accordance with the particulars contained in and implied by the specifications and represented by the drawings or according to such other additional particulars and instructions as may from time to time be given by the Bank during the execution of the work, and to his entire satisfaction.

The contractor shall have to carry out test on materials and workmanship in approved materials testing laboratories or as prescribed by the Bank at own cost to prove the materials quality and test sample, confirm to the relevant I.S. Standard or as specified in the specifications. The necessary charges for preparation of mould (in case of concrete cube) transporting testing etc. shall have to borne by the contractors. No extra payment on this account should in any case be entertained.

All the materials (except where otherwise described) store and equipment required for the full performance of the work under the contract must be provided through normal channels and must include charges for import duties, sales tax, octroi and other charges and must be the best of their kind available and the contractors/must

be entirely responsible for the proper and efficient carrying out the work. The work must be done in the best workmanship. Samples of all materials to be used must be submitted to the Bank when so directed by the Bank must be obtained prior to placement of order.

The Contractor shall set up a field laboratory with necessary equipment for day to day testing of material like sand, brick, aggregate etc.

17. INCLEMENT WEATHER

During the inclement weather the contractor shall suspend concreting and plastering for such time as the Bank may direct and shall protect from injury all work when in course of execution. Any damage (during construction) to any part of the work for reasons due to rain, storm, or neglect of contractor shall be rectified by the contractor in an approved manner at no extra cost.

Should the work be suspended by reason of rain, strike, lockouts or any other cause, the contractor shall take all precautions necessary for the protection of work and at his own expenses shall make good any damage arising from any of these causes. The contractor shall cover up and protect from damage, from any cause, all new work and supply all temporary doors, protection to window, and any other requisite protection for the execution of the work whether by himself or special tradesmen or sub-contractor and any damage caused must be made good by the contractor at his own expenses.

18. MATERIALS AND WORKMANSHIP TO CONFORM TO DESCRIPTIONS:

All materials and workmanship shall so far as procurable be of the respective kinds described in the schedule of quantities and / or specifications and in accordance with the Bank's instructions, and the contractor shall upon the request of the Bank furnish him with all invoices, accounts, receipts and other vouchers to prove that the materials comply therewith. The contractor shall at his own cost arrange for and / or carry out any test of any materials which the Bank may require.

19. CONTRACTOR'S SUPERINTENDENCE & REPRESENTATIVE ON THE WORKS.

The contractor shall give all the necessary personal superintendence during the execution of the works, and as long thereafter as the Bank may consider necessary until the expiration of the defects liability period stated in the Appendix hereto.

20. DEPLOYMENT OF LABOURS

No labourer below the age of eighteen years shall be employed on the work.

Any labourer supplied by the contractor to be engaged on the work on day-work basis either wholly or partly under the direct order or control of the Bank or his representative shall be deemed to be a person employed by the contractor.

21. FACILITIES TO BE PROVIDED TO WORKERS

The contractor shall comply at his own cost with the order of requirement of any Health Officer of the State or any local authority or of the Bank regarding the maintenance of proper environmental sanitation of the area where the contractor's labourers are housed or accommodated, for the prevention of small pox, cholera, plague, typhoid, malaria and other contagious diseases. The contractor shall provide, maintain and keep in good sanitary condition adequate sanitary accommodation and provide facilities for pure drinking water at all times for the use of men engaged on the works and shall remove and clear away the same on completion of the works. Adequate precautions shall be taken by the contractor to prevent nuisance of any kind on the works or the lands adjoining the same.

The contractor shall arrange to provide first-aid treatment to the labourers engaged on the works. He shall within 24 hours of the occurrence of any accident at or about the site or in connection with execution of the works, report such accident to the Bank and also the competent authority where such report is required by law.

22. DISMISSAL OF WORKMEN

The contractor shall at the request of the Bank immediately dismiss from the works, any person employed thereon by him who may in the opinion of the Bank incompetent or misconduct himself and such person shall not be engaged again. Such discharges shall not be the basis of any claim for compensation or damages against the Bank or any of their officer or employee.

23. ACCESS TO WORK

The Bank and their responsible representative shall at all reasonable times have free access to the works and/ or to the workshops, factories or other places where materials are being prepared or constructed for the work and also to any place where the materials are lying or from where they are being obtained the contractor shall give every facility to the Bank. No. persons not authorised by the Bank except the representatives of Public Authorities shall be allowed on the works at any time.

24. ASSIGNMENT / SUB-LETTING

The whole of the works included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer, assign, or under-let the contract or any part share there of or any interest therein without the prior written consent of the Bank and no undertaking shall relieve the contractor of the full and entire responsibility of the contract or from active superintendence of works during their progress. Central Govt. / State Govt. companies shall not be allowed to sublet the work on back to back basis / labour basis without approval from the Bank. In case, contractor sub-let the work, the bank will be entitled to deduct 10% of cost of work executed besides initiating other measures provided in the contract.

25. VARIATIONS

No alterations, omissions or variations shall vitiate this contract, but in case the Bank thinks proper at any time during, the progress of the works to make any alterations in, or additions to or omissions from, the work or any alteration in the kind or quality of materials to be use therein and shall give notice thereof in writing under his hand to

the contractor, the contractor shall alter, add to, or omit from, as the case may be, in accordance with such notice, but the contractor shall not do any work extra to or make any alterations or additions to or omissions from the works or any deviations from any of the provisions of the contract, stipulation specifications without the previous consent in writing of the bank and the values of such extras, alternations, additions or omissions shall in all cases be determine by the Consultant with the prior approval in writing of the Bank in accordance with the provision of the Clause hereof, and the same shall be added to, or deducted form the contract amount, as the case may be accordingly.

26. SCHEDULE OF QUANTITIES

The Schedule of quantities, unless otherwise stated shall be deemed to have been prepared in accordance with the standard method of quantity measurement.

Any error in description or in quantity or in omission of items from the Schedule of quantities shall not vitiate this contract but shall rectified and the value thereof shall be added to or deducted, from the contract amount (as the case may be), provided that no rectification of errors, if any, shall be allowed in the contractor's Schedule of rates.

The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of this tender for the works and the prices stated in the Schedule or quantities and or the schedule of rates and prices which rates and prices shall cover all his obligations under the contract and all matters and things necessary for the proper completion of works.

The quantities of work may vary to any extent or may be omitted, the contractor cannot claim loss of profit / overhead on this account.

27. MEASUREMENT OF WORKS

- (i) The Bank may from time to time intimate to the contractor that he requires works to be measured, and the contractor shall forth with attend or send a qualified agent to assist the Bank in taking such measurements and calculations and to furnish all the particulars or to give all assistance required by any of them.
- (ii) The Bank will take measurement of the work jointly with the contractor and enter the same in measurement books. Based on these measurements the contractor will raise the bill as per the prescribed format.
- (iii) Should the contractor not attend or neglect or omit to send such agent then the measurement taken by the Bank shall be final and binding on the contractors.
- (iv) The contractor or his also supply without charge the requisite number of persons with means and materials necessary for the purpose of measurements or examinations at any time and from time to time of the work or counting weighting of the materials, etc.

- (v) All authorized extra works, omissions and all variations made without the Consultant's knowledge, if subsequently sanctioned by him in writing (with the prior approval in writing of the Bank) shall be included in such measurement.
- (vi) Measurements shall be recorded as per IS 1200 mode measurement and in metric system. Measurement shall be recorded in 100 pages bounded measurement book. Such measurement shall be recorded by the Bank's officer and not by contractor. M.B. shall be kept in the custody of the consultant / Bank.

28. PROCEDURE FOR MEASUREMENT AND BILLING OF WORK IN PROGRESS:

a. Advance against materials brought at Site:

Contractor may be allowed Secured advance on security for materials brought to site for execution on contracted item of work to the extent of 75% of the value of the materials provided that the materials of the imperishable nature is safeguarded against losses due to the contractor postponing execution of the work or to the storage or misuse the materials and against the expenses entitled for their proper watch and safe custody. Recoveries of advances so made would be from running bills. The secured advance may be given against the following materials brought to the site and stored properly.

- i) Cement
- ii) Steel
- (iii) Wood
- (iv) Flooring / Wall tiles
- (v) Aluminum steel / wooden window and door frame
- (vi) Plumbing / Sanitary / Pipes and fittings.
- (vii) Electrical items (one time only)
- (viii) Any other item of non-perishable nature and as decided by the Bank

The Contractors will have to submit the bills for the materials purchased, in triplicate, to verify the cost of the materials purchased and brought at Site.

No advances against perishable materials purchased and brought at Site will be made.

The Contractors will have to keep the materials at Site under their safe custody and at their risk and cost.

The Bank is not responsible for damages and losses of such materials brought at site.

The contractor to submit undertaking marking lien on the material brought at site against which bank has granted advance payment.

b. Running Account Payments to be regarded as Advances:

All running account payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed and accepted and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the contract, or

any part thereof, in this respect, or the accruing of any claim, nor shall it conclude, determine or effect in any way the powers of the bank under these conditions or any of them as to the powers of the bank under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise, or in any other way vary/affect the contract. The final bill shall be submitted by the contractor within two months of the date fixed for completion of the work, other wise the Bank's Bank certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties.

29. COMPLETION CERTIFICATE

(i) APPLICATION FOR COMPLETION CERTIFICATE

The Bank authorised official shall normally issue to the contractor the completion certificate within one month after receiving, an application thereof from the contractor and after verifying from the completion documents and satisfying himself that the work has been completed in accordance with and as set out in the construction and erection drawing and contract documents.

The contractor, after obtaining the completion certificate, is eligible to present the final bill for the work executed by him under the terms of contract.

(ii) Completion Certificate

Within one month of the completion of the work in all respects, the Contractor shall be furnished with a certificate by the authorised official of the Bank of such completion but no certificate shall be given nor shall the work be deemed to have been completed until all scaffolding, surplus materials and rubbish is cleared of the site completely. The work will not be considered as complete and taken over by the Bank, until all the temporary works, labour and staff colonies etc., constructed, are removed and the works site cleared to the satisfaction of the Bank.

If the Contractor shall fail to comply with the requirements of this clause on or before the date fixed for the completion of the work, the Bank may at the expenses of the contractor remove such scaffolding, surplus materials and rubbish and dispose off the same as he thinks fit and clean up the site and the contractor shall forthwith pay the employer for all expenses so incurred and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except of any sum actually realized by the sale thereof.

(iii) CERTIFICATE (to be issued by the Bank's Architect)

It is certified that various items of works claimed in the RA Bill by Contractor has been completed to the extent claimed and at appropriate rates and that the items are in accordance with and fully confirming to the standard and/or prescribed specifications and drawings. Quality and rates verified. The material supplied and work done conform tender specifications. We further certify that we have checked the measurement to the extent of 100 per cent of each item claimed in this bill. As net amount of Rs..... (Rupees) is recommended to be paid to the contractor making the total upto date payment of Rs.....

(Rs.)

Quality and rates verified. The material supplied and work done confirm with the tender specifications.

DATE :

Bank Architect

The above certification shall be endorsed in the relevant Measurement Books also by the Consultant.

iv. FORMAT FOR RUNNING BILL

ON LETTER HEAD OF CONTRACTOR

Running Bill No.

Tender Amount Rs.

Value of work done Rs.

Less rebate (-) Rs.

Net Value of work done Rs.

Extra variation items after settlement @100% Rs.

Extra variation items without settlement @75% Rs.

Total
Add : Cost of material on site @ 75% Rs.

Total payable Rs.

Deductions

1. Retention money Rs.

2. Recovery of advance if any Rs.

3. Income-tax Rs.

4. Any other Rs.

5. Total bill paid till last bill Rs.

Total deductions Rs. Rs.

Net payable Rs.

Amount certified for payment Rs.

Note : This page shall be signed and stamped by the Bank's Bank.

v. **FORMAT FOR SECURED ADVANCE**

**ACCOUNT OF SECURED ADVANCE IF ADMISSIBLE ON
MATERIALS HELD AT SITE BY THE CONTRACTOR**

Sno.	Name of the supplier	Quantity	Unit	Amount	Remarks
1	2	3	4	5	6
Face value of Materials at site					
Secured Advance % of above value.					

Date

.....
Signature of Bank
Preparing the bill.

Date

Signature of Bank's
Bank

Date

Signature of the Contractor

vi. **FORMAT FOR RUNNING BILL (To be submitted b the contractor)**

I	Name of the Contractor / Agency	:	
II	Name of the Work	:	
III	Sr.No. of the Bill	:	
IV	Sr.No. of the Previous Bill	:	
V	Reference to Agreement No.	:	
VI	Date of written order to commence	:	
VII	Date of Completion as per Agreement	:	
VIII	Date of Measurements	:	
XI	Present status of work	:	

Sno.	Items Description	Unit	Rate	Qty. as per measurement	Tender Amount Rs.
1	2	3	4	5	6

Up to previous RA Bill		Up to date gross		Present bill		remark
qty	Amt.	Qty.	Amt.	Qty.	Amt.	
7	8	9	10	11	12	13

Note :

1. If part rate is allowed for any item, it should be indicated with reasons for the allowing such a rate.
2. If adhoc payment is made, it should be mentioned specially.
3. Consumption of Cement/Steel statement to be submitted along with each R.A. Bills.

vii. CEMENT CONSUMPTION STATEMENT

Code	Description of item of work	Unit	Quantity of cement to be used per unit quantity of work (Bags)
1	2	3	4
<i>Cement Concrete (Cast-in-Situ)</i>			
1.	1:1.5:3 (1 Cement : 1.5 sand : 3 graded aggregate)	Cu.M.	8.00
2.	1:2:4 (1 Cement : 2 sand : 4 graded aggregate)	Cu.M.	6.40
3.	1:3:6 (1 Cement : 3 sand : 6 graded aggregate)	Cu.M.	4.40
4.	1:4:8 (1 Cement : 4 sand : 8 graded aggregate)	Cu.M.	3.40
<i>Burnt Brick Masonry</i>			
5.	In CM 1:3 (1 Cement : 3 mortar)	Cu.M.	2.56
6.	In CM 1:4 (1 Cement : 4 mortar)	Cu.M.	1.90
7.	In CM 1:6 (1 Cement : 6 mortar)	Cu.M.	1.06
<i>Half Brick Masonry</i>			
8.	In CM 1:3 (1 Cement : 3 mortar)	100Sq.M.	28.56
9.	In CM 1:4 (1 Cement : 4 mortar)	100Sq.M.	21.28
<i>Random Rubble Masonry</i>			
10.	In CM 1:6 (1 Cement : 6 mortar)	Cu.M.	1.70
<i>Course Rubble Masonry</i>			
11.	In CM 1:6 (1 Cement : 6 mortar)	Cu.M.	1.50
<i>Flooring</i>			
12.	40 mm thick in PCC (1:2:4)	Sq.M.	0.34
13.	18 mm thick in Skirting	Sq.M.	0.32
<i>Cement Plaster</i>			
14.	12 mm thick in CM (1:3)	100Sq.M.	14.68
15.	12 mm thick in CM (1:4)	100Sq.M.	10.94
16.	15 mm thick in CM (1:4)	100Sq.M.	13.08

17.	15 mm thick in CM (1:6)	100Sq.M.	8.60
18.	20 mm thick in CM (1:4)	100Sq.M.	17.02
19.	20 mm thick in CM (1:6)	100Sq.M.	11.20
20.	6 mm thick in CM (1:3)	100Sq.M.	7.34
21.	6 mm thick in CM (1:4)	100Sq.M.	5.48

30. Bank

The Bank's Bank, or the Bank shall have power to give notice to the contractor or to his representative, of non-approval of any work or materials and such work shall be suspended or the use of such materials shall be discontinued until the decision of the Bank is obtained. The work will be from time to time be examined by the / the Bank's Bank, but such examination shall not in any way exonerate the contractor from the obligations to remedy any defects which may be found to exist at any stage of the works or after the same is complete. Subject to the limitations of this clause, the contractor shall take instructions only from the Bank.

31. PRICES FOR EXTRAS ETC. ASCERTAINMENT OF NON-TENDER ITEMS

The contractor may, when authorized, and shall, when directed with the approval of the Bank, add to, omit from, or vary the works shown upon the drawings, or described in the specification or included in the schedule of quantities, but contractor shall make no addition, omission or variation without such authorization or direction. Any such extra is herein referred to as authorized extra and shall be made in accordance with the following provisions.

- (a) (i) The net rates or prices in the original tender shall determine the valuations of the extra tender shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced therein.
- (ii) Rates for all items, wherever possible, should be derived out of the rates given in the priced schedule of quantities.
- (b) The net prices of the original tender shall determine the value of the items omitted, provided if omissions vary the conditions under which any remaining items of works are carried out, the prices for the same shall be valued under sub-clause C hereof.
- (b) Where the extra works are not of similar character and /or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items of works are carried out or if the amount of the whole of the contract works or to any part thereof shall be such that in the opinion of the Bank the net rate or price contained in the priced schedule of quantities or tender or for any item of the works involves loss or expense beyond that reasonably contemplated by the contractor or is by reason unreasonable or inapplicable, the Bank shall fix such other rate or price as in the circumstances seems reasonable and proper.

- (c) Where extra work cannot be properly measured or valued the contractor shall be allowed days work prices as the priced schedule of quantities or, if not so stated, then in accordance with the local day work rates and wages for the district; provided that in either case vouchers specifying the daily time (and if required by the Bank, the workman's name) and materials employed to be delivered for verification to the Bank at or before the end of the week following that in which the work has been executed.

Actual cost of materialsRs.
Add for Labour chargesRs.
Add for Taxes, Transportation, If any.Rs.
Add for Wastage of Materials (Upper Limit 5% wherever applicable).....	Rs.
Add for water and electricity Charges if any required, upper limit 2% of basic cost of materials.Rs.
Add for 10% towards contractor's overheads and profit.Rs.
Final rate arrived.	Rs

32. UNFIXED MATERIALS WHEN TAKEN INTO ACCOUNT TO BE THE PROPERTY OF THE BANK

Where in any certificate (of which the contractor has received payment), the Bank has included the value of any unfixed materials intended for and /or placed on adjacent to the works, such materials shall become the property of the Bank and they shall not be removed except for use upon the works, without the written authority of the Bank. The contractor shall be liable for any loss of or damages to such materials.

33. REMOVAL OF IMPROPER WORKS

The Bank shall, during the progress of the works, have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in order, of any materials which in the opinion of the Bank are not in accordance with the specifications or the instructions, the substitution of proper materials, the removal and proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specification instruction and the contractor shall forthwith carry out such order at his own cost. In case of default on the part of the contractor to carry such order, the Bank shall have the power to employ and pay other persons to carry out the same and all expenses consequent thereon, or incidental thereto, shall be deducted by the Bank from any money due or that may become due, to the contractor.

No certificate, which may have been issued by the Bank, shall relive the contractor from his liability in respect of unsound work of bad materials.

34. DEFECTS AFTER COMPLETION

The contractor shall make good at his own cost and to the satisfactions of the Bank all defects, shrinkage, settlements or other faults, which may appear within 12 months after completion of the work. In default the Bank may employ and pay other persons to amend and make good such damages, losses and expenses consequent thereon or

incidental there to shall be made good and borne by the contractor and such damages, loss and expenses shall be recoverable from him by the Bank or may be deducted by the Bank, in lieu of such amending and making good by the contractor, deduct from any amount due to the contractor, a sum equivalent to the cost of amending such work and in the event of the amount retained being insufficient, recover that from the contractor from the amount retained as retention money together with any expenses the Bank may have incurred in connection therewith.

35. CONCEALED WORK:

The contractor shall give due notice to the Bank whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise becoming inaccessible later on, in order that the work may be inspected and correct dimensions taken before such burial, in default whereof the same shall, at the opinion of the Bank be either opened up for measurement at the contractor's expense or no payment may be made for such materials. Should any dispute or differences arise after the execution of any work as to measurements etc., or other matters which cannot be conveniently tested or checked, the notes of the Bank shall be accepted as correct and binding on the contractor.

36. CERTIFICATE OF VIRTUAL COMPLETION & DEFECTS LIABILITY PERIOD

The work shall not be considered as completed until the Bank authorized officer has certified in writing that they have been virtually completed. The defects Liability Period shall commence from the date indicated in the virtual completion certificate issued.

37. NOMINATED SUB-CONTRACTORS

All specialist, Merchants, Tradesmen and others executing any work of supplying and fixing any goods for which prime cost prices or provisional sums are included in the Schedule of Quantities and/or Specifications who may be nominated or selected by the Bank are hereby declared to be Sub-Contractors employed by the Contractors and are herein referred to as nominated Sub-Contractors.

No nominated Sub-Contractor shall be employed on or in connection with the works against whom the Contractor shall make reasonable objection or (save where the Bank and Contractor shall otherwise agree) who will not enter into a Contract providing:-

- a. That the nominated Sub-Contractor shall indemnify the Contractor against the same obligations in respect of the Sub-Contract as the Contractor is under in respect of this contract.
- b. That the nominated Sub-Contractor shall indemnify the Contractor against claims in respect of any negligence by the Sub-Contractor, his servants or agents or any misuse by him or them of any scaffolding or other plant, the property of the Contractor or under any workmen's Compensation Act in force.

38. OTHER PERSONS ENGAGED BY THE BANK

The Bank reserves the right to execute any part of the work included in this contract by other agency or persons and contractor shall allow all reasonable facilities and use of his scaffolding for the execution of such work. The main contractor shall extend all co-operations in this regard.

39. INSURANCE

a. IN RESPECT OF DAMAGE TO PERSONS AND PROPERTY

- (i) The contractor shall be responsible for all injury to the work or to persons, animals or things, and for all damages to the structural and / or decorative part of the property which may arise from the operation or neglect of himself or of any nominated sub-contractor or any of his / sub-contractor's employee, whether such damage/ injury arises from carelessness, accident or any other cause whatsoever in any way connected in the carrying out of this contract. This clause shall be held to include inter alias, any damage to buildings, whether immediately adjacent or otherwise, and any damage to the roads, streets, foot-paths, bridge or ways as well as damage caused to the building and work forming the subject of this contract by rain, wind or other inclement of the weather. The contractor shall indemnify the Bank and hold it harmless in respect of all and any expense arising from such injury or damage to persons or property as aforesaid and also in respect of any claim made in respect of injury and damage under any Act of any Legislature or otherwise and also in respect of any award of compensation or damage consequent upon such claims.
- (ii) The contractor shall reinstate all damage of every sort mentioned in this clause, so as to deliver up the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property or third parties.
- (iii) The contractor shall indemnify the Bank against all claims which may be made against the Bank by any member of the Public or third party in respect of any thing which may arise in respect of the works or in consequence thereof and shall at his own expense arrange to effect and maintain, until the virtual completion of the contract, with an approved office, a Policy of Insurance in the name of the Bank and the contractor against such risks and deposit such policies with the Bank from time to time during the currency of this contract. The contractor will also similarly indemnify the Bank of all claims which may be made upon the Bank whether under the Workmen's Compensation Act or any other statute in force during the currency of this contract or at common law in respect of any employee of the contractor or any sub-contractor and shall at his own expense effect and maintain, until the virtual completion of the contract, with an approved office, a Policy of Insurance in the joint name of the Bank and the Contractor against such risks and deposit such policy or policies with the Bank from time to time during the currency of the contract.
- (iv) The contractor shall be responsible for any liability which may be excluded from the Insurance Policies above referred to and also for all other damages to any person animal or property arising out of incidental or defective carry in out of this contract. He shall also indemnify the Bank in respect of any cost, charges or expenses arising out of claims or proceeding and also in respect of any award of composition and damages arising therefrom.

- (v) The Bank shall be entitled to deduct the amount of any damage, compensation, cost, charges and expenses arising from or accruing from, or in respect of, any such claims or damage from any or all sums due or to become due to the contractor without prejudice to the Bank's other rights in respect thereof.

b. FIRE INSURANCE

- (i) The Contractor shall, within fourteen days from the date of commencement of works, insure the works at his cost and keep them insured until the virtual completion of the contract, against loss or damage by fire and / or earthquake, flood with an office to be approved by the Bank in the joint name of the Bank and the Contractor (the name of the former being placed first in the policy), for the contract amount only. The Contractor shall deposit the policy and receipts for the premium with the owner within 21 days from the date of issue of work order, unless otherwise instructed by commencement of the works. In default of the Contractor insuring as provided above, the Bank, may so insure the works and may deduct the premium paid from any money due or which may become due to the Contractor without prejudice to the other rights of the Bank in respect of such default. In case it becomes necessary to suspend the works, the Contractor shall as soon as the claim under the policy is settled, or work reinstated by the Insurance office should they elect to do so, proceed with all due diligence with the completion of the works in the same manner as though the incident had not occurred and in all respects under the same conditions of the Contract. The contractor in case of rebuilding or reinstatement after fire, shall be entitled to such extension of time for completion as the Bank deemed fit.
- (ii) The amount so due as aforesaid shall be the total value of the works duly executed and of the contract materials and goods delivered upon the site for use in works upto and including a date not more than seven days prior to the date of the said Certificate less the amount to be retained by the Employer (as hereinafter provided) and less any installments previously paid under this clause. Provided that such Certificate shall only include the value of the said materials and goods as and from time to time as they are reasonably, properly and not prematurely brought upon the site and then only if properly stored and/or protected against weather.

c) The Contractors will have to take out following Insurance Policies:

- 1) Contractors All Risks Insurance Policy to cover-
Earthquake- Fire & Shock
Landslide/Rockslide/Subsidence.
Flood/Inundations.
Storm/Tempest/Hurricanes/Typhoon /Cyclone Collapse.
Theft/Burglary.
Damage to material brought at Site and to be subsequently used in the work.
- 2) Third party Insurance Policy
 - a. For accidental loss or damage caused to the property of other persons.
 - b. For fatal or non-fatal injury to any person other than insured own employees or work men of employees of the owner of the works any other construction work thereon, or

member of the Insured's family or of any of the aforesaid; directly consequent upon of solely due to the construction of any property described in the Schedule.

3) Workmen's Compensation Insurance.

40. ACCOUNTS RECEIPTS & VOUCHERS:

The contractor shall, upon the request of the employer furnish them with all the invoices, accounts, receipts and other vouchers that they may require in connection with the works under this contract. If the contractor shall use materials less than what he is required under the contract, the value of the difference in the quantity of the material he was required to use and that he actually used shall be deducted from his dues. The decision of the Bank shall be final and binding on the contractor as to the amount of materials the contractor is required to use for any work under this contract.

41. LIQUIDATED DAMAGES / DAMAGES FOR NON-COMPLETION

If the Contractor fails to complete the works by the date stated in the Appendix or within any approved extended time, the Contractor shall pay the Bank liquidated damages @ 0.5% of the contract amount per week of delay subject to maximum deduction of 7.5% of the contract amount.

42. TOOLS, STORAGE OF MATERIALS, PROTECTIVE WORKS AND SITE OFFICE REQUIREMENTS

- i) The contractor shall provide, fix up and maintain in an approved position proper office accommodation for the contractor's representative and staff which offices shall be open at all reasonable hours to receive instruction notices or communications and clear away on completion of the works and make good all work disturbed.
- ii) All documents maintained on the site are to be carefully mounted on Boards of appropriate size and covered with a coat of approved varnish. They are to be protected from ravages of termites, ants and other insects.
- lii) The contractor shall provide at his own cost all artificial light required for the work and to enable other contractors and sub-contractors to complete the work within the specified time.
- iv) The contractor shall provide a suitable temporary hut for the watchmen and clear away the same when no longer required and to provide all necessary attendance, lights, etc. required.
- v) The contractor shall arrange for temporary latrines for the use of workers and field staff and keep the same in a clean and sanitary condition to the satisfaction of the Public Health Authorities and shall cause such latrines and soil to be cleared away whenever necessary and shall make good all the works disturbed by these conveniences,.

- vi) Every precaution shall be taken by the contractor to prevent the breeding of mosquitoes on the works during the construction and all receptacles, cisterns, water tans, etc., used for the storage of water must be suitably protected against breeding of mosquitoes. The contractor shall indemnify the Employer against any breach of rules in respect of anti-malarial measures.
- vii) The contractor shall not fix or place any placards or advertisement of any description or permit the same to be fixed or placed in or upon any boarding, gantry, building structure other than those approved by the Bank.

43. PROTECTIVE MEASURES

The contractor from the time of being placed in possession of the site must make suitable arrangements for watching, lighting and protecting the work, the site and surrounding property by day, by night, on Sundays and other holidays.

Contractor shall indemnify the Bank against any possible damage to the building, roads or members of the public in course of execution of the work.

The contractor shall provide necessary temporary enclosures, gates, entrances, etc. for the protection of the work and materials and for altering and adoption the same as may be required and removing on completion of the works and making good all works disturbed.

Storage of materials: The contractor shall provide and maintain proper sheds for the proper storage and adequate protection of the materials etc. and other work that may be executed on the site including the tools and materials of sub-contractors and remove same on completion.

Cement godown shall be constructed for storing about six weeks' requirement of cement and stored as per norms with a stack of 10 bags each and 2 feet opening all around with 2 feet passage of each stack. Structure shall be water-proof from all the sides and top. Cement should be stored one feet above the ground level and have pucca raised floor.

So also reinforcement bars are to be stored above the ground level to prevent the same from getting rusted.

Tools: Theodolite levels, prismatic compass, chain, steel and metallic taps and all other surveying instruments found necessary on the works shall be provided by the contractor for the due performance of this contract as instructed by the Bank.

All measuring tapes shall be of steel and suitable scaffolding and ladders that may be required for safely taking measurement shall be supplied by the contractor.

The masons and the supervisors on the works shall carry with them always a one meter or two meter steel tape, a measuring tape of 30 meters, a spirit level, a plum bob and a square and shall check the work to see that the work is being done according to the drawing and specifications. The Banks official will use any or all

measuring instruments or tools belonging to the contractors as he chooses for checking the works executed or being executed on the contract.

The contractor should cover in his rates for making provisions for all reasonable facilities for the use of his scaffolding, tools and plant etc. by sub-contractors for their work.

44. DATE OF COMMENCEMENT & COMPLETION

The Contractor shall be allowed admittance to the Site on the "Date of Commencement" stated in the Appendix hereto, or such later date as may be specified by the Bank and he shall there upon and forthwith begin the works and shall regularly proceed with and complete the same on or before the "Date of Completion" stated in the Appendix subject nevertheless to the provision for extension of time hereinafter contained.

45. TIME OF COMPLETION, EXTENSION OF TIME & PROGRESS CHART

- (i) Time of completion: The entire work is to be completed in all respects within the stipulated period i.e. 45 Days. The work shall be deemed to be commenced within 7 days from the date of acceptance of work order. Time is the essence of the contract and shall be strictly observed by the contractor. The work shall not be considered as complete until the Bank / Banks have certified in writing that this has been completed and the Defects Liability Period shall commence from the date of such certificate.
- (ii) Extension of time: If in the opinion of the Bank the work has been delayed
 - (a) By force majeure; or
 - (b) By reason of any exceptionally inclement weather or
 - (c) By reason of proceedings taken or threatened by or dispute with adjoining or neighboring owners or public authorities arising otherwise than through the Contractor's own default or
 - (d) By the works or delay or the other Contractors or tradesmen engaged or nominated by the Bank and not referred to in the Schedule of Quantities and/or specification or
 - (e) By reasons of the Bank's instructions as per clause 2 hereof or
 - (f) By reason of any combination of workmen or strike or lock-out affecting any of the building trades or
 - (g) in consequence of the Contractor not having received in due time necessary instructions from the Bank for which he shall specifically apply in writing or
 - (h) From other cause which the Bank may consider as beyond the control of the Contractor or
 - (i) In the event, the value of work exceeds the value of the Priced Schedule of Quantities owing to variation, the Bank may with the previous approval in writing of the Bank make a fair and reasonable extension of time for the completion of the Contract works.

In case of such strike or lockout, the Contractor shall as soon as give written notice thereof to the Bank, but the Contractor nevertheless constantly use his endeavor to prevent delay and shall do all that may be reasonably required to the satisfaction of

the Bank to proceed with the work and on his doing so that it will be ground of consideration by the Bank for an extension of time as above provided. The decision of the Bank as to the period to be allowed for an extension of time for completion hereunder (which decision shall be final and binding on the contractor) shall be promulgated at the conclusion of such strike or lock-out and the Bank shall then, in the event of an extension being granted, determine and declare the final completion date. The provision in clause with respect to payment of liquidated damages shall, in such case, be read and construed as if the extended date fixed by the Bank were substituted for and the damage shall be deducted accordingly.

- (iii) **PROGRESS OF WORK:** During the period of construction the contractor shall maintain proportionate progress on the basis of a Programme Chart submitted by the contractor immediately before commencement of work and agreed to by the Bank. Contractor should also include planning for procurement of scare material well in advance and reflect the same in the Programme Chart so that there is no delay in completion of the project.

46. FAILURE BY CONTRACTOR TO COMPLY WITH BANK / CONSULANT'S INSTRUCTION

If the Contractor after receipt of written notice form the Bank requiring compliance within ten days fails to comply with such instructions, the Bank may employ and pay other persons to execute any such work whatsoever the may be necessary to give effect thereto, and all costs incurred in connection therewith shall be recoverable from the Contractor by the Bank as a debt or may be deducted by him from any moneys due to the Contractor.

47. Idle labour:

Whatever the reasons may be no claim for idle labour, additional establishment cost of hire and labour charges of tools and plants would be entertained under any circumstances.

48. Suspension:

If the contractor except on account of any legal restraint upon the Bank preventing the continuance of the work or in the opinion of the employer shall neglect or fail to proceed with due diligence in the performance of his part of the contract or if he shall more than once make default, the Bank shall have the power to give notice in writing to the contractor requiring the work to be proceeded within a reasonable manner and with reasonable dispatch, such notice purport to be a notice under this clause.

After such notice shall have been given the contractor shall not be at liberty to remove from the site of the works or from any ground contiguous thereto any plant or materials to subsist from the date of such notice being given until the notice shall have been complied with. If the contractor fails to start the work within seven days after such notice has been given to proceed with the works as therein prescribed, the employer may proceed as provided in clause Termination of Contract by employer.

49. TERMINATION OF CONTRACT BY THE BANK

If the Contractor being a individual or a Firm, commits any “act of insolvency” or shall be adjudged an Insolvent or being an Incorporate company, shall have an order for supervision of the court and the official Assignee or the Liquidator in such acts of insolvency and winding up, as the case may be, shall be unable within seven days after notice to him requiring him to do so, to show the reasonable satisfaction of the Bank that he is able to carry out and fulfill the Contract and to give security therefore, if so required by the Bank.

OR if the Contractor (whether an individual, Firm or Incorporated Company) shall suffer execution or other process of court attaching property to be issued to the Contractor.

OR shall suffer any payment under this Contract to be attached by or on behalf of any of the creditors of the Contractors.

OR shall assign or sublet this Contract without the consent in writing of the Bank first obtained.

OR shall charge or encumber this Contract or any payment due or which may become due to the Contractor hereunder.

OR that the contractor:

- i. Has abandoned the Contract, or
- ii. Has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for fourteen days after receiving from the Bank notice to proceed, or
- iii. Has failed to proceed with the works with such due diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon, or
- iv. Has failed to remove materials from the Site or to pull down and replace work within seven days after receiving from the Bank written notice that the said materials or work were condemned and rejected by the bank under these conditions or,
- v. Has neglected or failed persistently to observe and perform all or any of the acts, matters or things by this Contract to be observed and performed by the contractor to observe or perform the same.

Then and in any of the said cases the Bank may, notwithstanding any previous waiver, after giving seven days notice in writing to the Contractor, determine the Contract but without thereby affecting the powers of the Bank or obligations and liabilities of the Contractor, the whole of which shall continue in force as fully as if the contract has not been so determined, and as if the work subsequently executed had been executed by or on behalf of the Contractor, And further, the Bank by his agent or servants may enter upon and take possession of the work and all plant, tools,

scaffoldings, shed, machinery, steam and other power utensils and materials lying upon the premises or on the adjoining land or roads and use the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works or by the employing any other contractor or person or persons to complete the works and the contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other contractor or other person or persons employed for completing or finishing or using the materials and plant for the work. When the work shall be completed or as soon as thereafter as convenient the bank shall give a notice to the Contractor to remove his surplus materials and plant, and should the Contractor fail to do so within the period of fourteen days after receipt thereof by him, the Bank may sell the same by public auction, and give credit to the Contractor for the net amount realised. The Bank shall thereafter ascertain and certify in writing under his hand what (if anything) shall be due or payable to, or by the employer, for the value of the said plant and materials so taken possession of by the Bank and the expense or loss which the bank shall have been put to in procuring the works to be completed and the amount, if any, owing to the Contractor and the amount, which shall thereupon be paid by the Bank to the Contractor or by the Contractor to the Bank, as the case may be and the certificate of the Bank shall be final and conclusive between the parties.

50. Certificates & payments:

The Contractor shall be paid by the Bank from time to time by installments under Interim certificates on account of the works executed, work to the approximate value named in the appendix as value of work for Interim Certificates (or less at the reasonable level), subject, however, to a retention of the percentage of such value named in the appendix hereto as “retention percentage from Interim Certificate”, until the total amount retained shall reach the named in the Appendix as “Total Retention Money”, after which time the installments shall be upto the full value of the work subsequently so executed and fixed in the building. The Bank may in his discretion include the Interim Certificate, such amount, as he may consider proper on accounts of material delivered upon the site by the contractor for use in the works. And when the works have been virtually completed the contractor shall be paid by the Bank the sum of money named in the Appendix “Installment after virtual completion” being a part of the said Total Retention Money. And the contractor shall be entitled to the payment of the Final Balance in accordance with the Final Certificate at the expiration of the period referred to as “The Defects Liability Period” in the appendix hereto from the date of virtual completion, or as soon after the expiration of such period as the works shall be finally completed and all defects made good according to the true intent and meaning and hereof whichever shall last happen, provided always that the issue of the Bank of any certificate during the progress of the works or at or after the completion shall not relieve the contractor from his liability under clause 2 and 20 nor relieve the Contractor from his liability in case of fraud, dishonesty or fraudulent concealment relating to the works or materials or to any matter dealt with in the certificate, and in case of all the defects and insufficiencies in the works or materials which is a reasonable examination would not have disclosed. No certificate shall of itself be conclusive evidence that any works or materials to which it relates are in accordance with the contract, neither will the contractors have a claim for any amounts which the might have certified in any interim bill and paid by the Bank and

which might subsequently be discovered as not payable and in this respect the Bank's decision shall be final and binding.

The Bank shall have power to withhold any Certificate if the works or any parts thereof are not being carried out to his satisfaction.

The Bank may by any certificate make any correction in any previous certificate, which shall have been issued.

No certificate of payment shall be if the contractor fails to insure the works and keep them insured till the issue of Virtual completion certificate.

All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the contract, or any part thereof in any respect or the accruing of any claim nor shall it conclude determine or affect in any way the power of the Bank under these conditions or any of terms as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract.

51. EXCEPTED MATTERS / MATTERS TO BE FINALLY DECIDED BY THE BANK:

The decisions, opinion, direction, certificate with respect to all or any of the matters under this tender shall be final and conclusive and binding on the contractor and shall be without appeal.

52. SETTLEMENT OF DISPUTES BY ARBITRATION

Wherever, in any of the documents forming part of the Contract, the Bank has been vested with the final powers, his decision, opinion, certificate or any other discretion shall be final conclusive and binding on the contractor and shall be without appeal. All other matters shall be subject to the right of arbitration.

All disputes or differences of any kind whatsoever save and except matters referred to in clause 1) arising out of or in connection with the Contract, whether during the progress of Work or after Completion and shall after written notice by either party to the contract to the other of them and to the Bank hereinafter mentioned be referred for adjudication to two Arbitrator, one each to be nominated by the Contractor and the Bank, who shall thereafter appoint an Umpire. The provisions of Indian Arbitration and Conciliation Act 1996 shall apply for the purposes.

The Work under the Contract shall, however, continue during the arbitration proceedings and no payment due or payable to the Contractor shall be withheld on account of such proceedings.

The Arbitrator shall be deemed to have entered on the reference on the date he issued notice to both the parties fixing the date of the first hearing.

The Arbitrator may from time to time, with the consent of the parties, enlarge the time for making and publishing the award.

The Arbitrator shall give a separate award in respect of each dispute or difference referred to him. The Arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasoned award. The venue of arbitration shall be such place as may be fixed by the Arbitrator in his sole discretion.

The fees, if any, of the Arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award including the fees, if any, of the Arbitrator who may direct to and by whom and in what manner, such costs or any part thereof shall be paid and may fix or settle and amount of costs to be so paid.

The award of the Arbitrator shall be final and binding on both the parties.

Subject to aforesaid the provisions of the Arbitration & Conciliation Act 1996 or any statutory modification or re-enactment thereof and the rules made thereunder, and for the time being in force, shall apply to the arbitration proceeding under this clause.

The Bank and the Contractor hereby also agree that arbitration under clause shall be a condition precedent to any right to action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.

The Bank and the contractor hereby also agree that arbitration under clause shall be a condition precedent to any right to action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.

Jurisdiction: All matters arising out of or in any way connected with this contract shall be deemed to have arisen in _____ and only the courts in _____ shall have jurisdiction to determine the same.

53. RIGHT OF TECHNICAL SCRUTINY OF FINAL BILL

The Bank shall have right to cause a technical examination of the works and the final bill of the works and the final bill of the contractor including all supporting vouchers, abstracts, etc., to be made at the time of payment of the final bill. If as a result of this examination or otherwise any sum is found to have been overpaid or over certified, it shall be lawful for the Bank to recover the sum.

The subject work will be scrutinized by the Chief Technical Examiner's Office, a technical wing of Central Vigilance Commission and other Vigilance and Audit Authorities of the Bank. Decision of this Authority shall be binding on the contractor. Any discrepancy noted defected shall be rectified by the contractor free of cost or appropriate amount will be recovered from the contractor's payment.

54. BANK ENTITLED TO RECOVER COMPENSATION PAID TO WORKMEN:

The Bank is obliged, by the virtue of the provisions of the workmen's compensation Act, 1923, or any statutory modification or re-enactment thereof to pay compensation to a workman employed by the contractor in execution of the works, the Bank shall be

entitled to recover from the contractor the amount of compensation so paid, and without prejudice to the rights of the bank under said Act. The Bank shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due to the contractor under this contract or otherwise. The bank shall not be bound to contest any claim made against it under the said Act, except on written request of the contractor and upon his giving to the bank full security to the satisfaction of the Bank for all costs for which the Bank might become liable in consequence of contesting such claim.

55. ABANDONMENT OF WORKS:

If at any time after the acceptance of the Tender, the Employer shall for any reasons whatsoever not require the whole or any part of the works to be carried out, the Bank shall give notice in writing to the contractor who shall have no claim to any payment of compensation or otherwise whatsoever on account of any profit or advantage which he might have derived from the execution of the whole works but which did not derive in consequence of the foreclosure of the whole or part of the work.

56. RETURN OF SURPLUS MATERIALS:

Notwithstanding anything to the contrary contained in any or all the clauses of this contract, where any material for the execution of the contract is procured with the assistance of the Bank by purchase made under orders or permits or licenses issued by the Government, the contractor shall hold the said materials economically and solely for the purpose of the contract and not dispose of them without the prior written permission of the bank, if required by the Bank, at the price having due regard to the condition of the materials, the price to be determined not to exceed the purchase price thereof inclusive of Sales Tax, Octroi Duty and other such levies paid by the contractor in respect thereof. In event of the breach of the aforesaid condition, the contractor shall, in addition to being liable to action for contravention of the terms of license or permit and /or criminal breach of trust, be liable to Bank for all such moneys, advantage or profits resulting or which in the usual course would have resulted to him by reason of such breach.

57. RIGHT OF BANK TO TERMINATE CONTRACT IN THE EVENT OF DEATH OF CONTRACTOR IF INDIVIDUAL.

Without prejudice to any of the rights or remedies under this contract, if the contractor, being an individual dies, the Bank shall have the option of terminating the contract without incurring any liability for such termination.

58. Materials Having Basic Price

For materials for which a basic price has been stipulated in the tender, the variation in the actual cost of purchase from the basic price will be considered for adjustment (payment / recovery) in the tender cost due to incorporation of required quantity of such material in the works over different periods of time as per construction schedule. Rates should be however fair and competitive and verified by market enquiry and the quantity purchased in every period should be reasonable and advantageous, if any due to bulk purchase may be also taken into account.

Reinforcement Steel (TOR)	As mentioned in the Bill of Quantity
Reinforcement Steel (MS)	As mentioned in the Bill of Quantity
Cement	As mentioned in the Bill of Quantity
Granite slab	As mentioned in the Bill of Quantity
Granite Tile	As mentioned in the Bill of Quantity
Marble	As mentioned in the Bill of Quantity
Ceramic tiles	As mentioned in the Bill of Quantity
Interlocking / paver blocks	As mentioned in the Bill of Quantity
Vitrified tiles	As mentioned in the Bill of Quantity

The amount of difference in actual price and basic cost will be paid by the bank if the increase is on higher side or the amount will be recovered if there is decrease in the prices. The clause will be operated irrespective of any ceiling in terms of time frame as stipulated for price variation adjustment wherein the contractor is supposed to complete specific value of work during first six months within which they are not entitled for PVA relief.

59. Security arrangement at Site

Upon taking possession of the site, the contractor shall make arrangement of security by posting required number of security guards and flood light arrangement.

SAFETY CODE

1. Scaffolds

- i. Suitable scaffolds shall be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except in the case of short duration work which can be done safely from ladders. When a ladder is used, it shall be of rigid construction made either of good quality wood or steel. The steps shall have a minimum width of 450 mm and a maximum rise of 300 mm. Suitable hand holds of good quality wood or steel shall be provided and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 ($\frac{1}{4}$ horizontal and 1 vertical).
- ii. Scaffolding or staging more than 4 m. above the ground floor, swung or suspended from an overhead support or erected with stationary support shall have a guard rail property bolted, braced or otherwise secured, at least 1 m. above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
- iii. Working platforms, gangways and stairways shall be so constructed that they do not sag unduly or unequally and if the height of the platform, gangway or stairway is more than 4 m. above ground level or floor level, they shall be closely boarded and shall have adequate width and be suitably fenced as described in (ii) above.

- iv. Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 1 m.

Wherever there are open excavations in ground, they shall be fenced off by suitable railing and danger signals installed at night so as to prevent persons slipping into the excavations.

- v. Safe means of access shall be provided to all working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 m. in length while the width between side rails in rung ladder shall in no case, be less than 290 mm. for ladder up to and including 3 m. in length. for longer ladders this width shall be increased at least 20 mm. for each additional meter of length.
- vi. A sketch of the ladders and scaffolds proposed to be used shall be prepared and approval of the Engineer obtained prior to construction.

2. Other Safety Measure

- vii. All personnel of the contractor working within the plant site shall be provided with safety helmets. All welders shall wear welding goggles while doing welding work and all metal workers shall be provided with safety gloves. Persons employed on metal cutting and grinding shall wear safety glasses.
- viii. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public.

3. Excavation & Trenching

- ix. All trenches, 1.25 m. or more in depth shall at all times be supplied with at least one ladder for each 30 m. in length or fraction thereof. The ladder shall be extended from bottoms of the trench to at least 1 m. above the surface of the ground. Sides of trenches which are 1.5 m. or more in depth shall be stepped back to give suitable slops or securely held by timber bracing so as to avoid the danger of sides of collapsing. The excavated materials shall not be placed within 1.5 m. of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.
- x. The contractor shall take all measure on the site of the work to protect the public from accidents and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any persons for injury sustained owing to neglect of the above precautions and to pay any such persons or which may with the consent of the contractor, be paid to compromise any claim by any such person.

4. Demolition

- xi. Before any demolition work is commenced and also during the process of the work:

- a. All roads and open areas adjacent to the work site shall either be closed or suitably protected.
- b. No electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
- c. All practical steps shall be taken to prevent danger to persons employed from the risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.

5. Personal Safety Equipments

- xii. All necessary personal safety equipment as considered adequate by the Engineer should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, the contractor should take adequate steps to ensure proper use of equipment by those concerned.
 - a. Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
 - b. Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes shall be provided with protective goggles.
 - c. Those engaged in welding works shall be provided with welder's protective eyesight lids.
 - d. Stone breaks shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
 - e. When workers are employed in sewers and manholes, which are in use, the contractor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into manholes and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public.
 - f. The contractor shall not employ men below the age of 18 years and women on the work of painting with products containing lead or any toxic material in any form. Wherever men above the age 18 are employed on the work of such painting the following precautions should be taken:
 - i. No paint containing lead or lead products shall be used except in the form paste or ready made paint. Paints like vinyle and epoxies having toxic fumes should be applied after following all precautions laid down by manufactures.
 - ii. Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
 - iii. Overalls shall be supplied by the contractor to the workmen and adequate facilities shall be provided to enable the working painters to wash during the cessation of work.

- xiii. When the work done near any public place where there is risk of drawings all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.

6. Hoisting Machines

- xiv. Use of hoisting machines and tackle including their attachments anchorage and supports shall conform to the following standards or conditions:
 - i.a. These shall be of good mechanical constructions sound material and adequate strength and free from patent defect and shall be kept in good repair and in good working order.
 - i.b. Every rope used in hoisting or lowering materials or as means of suspension shall be of durable quality and adequate strength and free from patent defects.
 - ii. Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years shall be incharge of any hoisting including any scaffolding winch or give signals to operator.
 - iii. In case of every hoisting machine and of every chain ring hook, shackle shovel and pulley block used in hoisting or as means of suspension the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load, each safe working load and the conditions under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
 - iv. In case of departmental machines, the safe working load shall be notified by the Engineer. As regards contractor's machines, the contractor shall notify the safe working load of the machine to the Engineer whenever he brings any machinery to site of work and get verified by the Engineer concerned.
 - xv. Motors, gearing, transmission, electrical wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum of the risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energized, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary, should be provided. The workers should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
 - xvi. All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use.

Adequate washing facilities should be provided at or near places of work.

- xvii. These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.
- xviii. To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer, Engineer of the Department or their representatives.
- xix. Notwithstanding the above clause from (i) to (xviii), there is nothing in these to exempt the contractor from the operation of any other Act or Rule in force in India.

ADDITIONAL CONDITIONS

1. **Tenderer to inspect Site:** The tenderer shall visit and examine the construction site and satisfy himself as to the nature of the existing roads or other means of communications, the character of the soil and the excavation, the extent of magnitude of the work and facilities for obtaining material and shall obtain generally his own information on all matters affecting the execution of the work. No extra changes made in consequence of any misunderstanding or incorrect information on any of these points or on grounds of insufficient description will be allowed. All expenses incurred by the contractor in connection with obtaining information for submitting this tender including his visits to the site or efforts in compiling the tender shall be borne by the Tenderer and no claim for reimbursement thereof shall be entertained.
2. **Access to Site:** The tenderer is to include in his rates for forming access to the Site with all temporary roads gangways required for the works.
3. **Setting out:** The tenderer shall set out the building in accordance with the plans. All grid/centre lines shall be pegged out to satisfaction of the Banks. The tenderer shall be responsible for the correctness of the lining out and any inaccuracies are to be rectified at his own expenses. He will be responsible for taking ground levels of the Site before setting out and recording them without any extra charge.

The tenderer shall construct and maintain proper benches at the intersection of all main walls, columns, etc., in order that the lines and levels may be accurately checked at all times.

4. **Treasure Trove :** Should any treasure, fossils, minerals, or works of art of antiquarial interest be found during excavation or while carrying out the works, the tenderer shall give immediate notice to the Banks of any such discovery and shall make over such finds to the Employer.
5. **Attendance upon all Trades :** The general tenderer shall be required to attend on all the Tradesman or Sub-contractor/ contractors appointed by the bank for Water-Supply & Sanitary, Electrical installation, Air-conditioning, Security Equipment, Hardware, Telephone and other special contactors. The rates quoted shall be inclusive of attendance and also allow the contractors and retain until such times the relevant Sub-contract works are completed.
6. **Gate-Keeper and Watchmen:** The tenderer from the times of being placed in possession of the Site must make arrangements for watching, lighting and protecting the work, all materials, workmen and the public by day and night on all days including Sundays and holidays at his own cost.
7. **Sheds for materials :** The contractor shall provide all necessary sheds of adequate dimensions for shortage and protection of materials like cement, lime, timber, and such other materials including tools and equipments which are likely to deteriorate by the action of sun, wind, rain or other natural causes due to exposure in the open. Cement godown shall be constructed for storing about six weeks' requirement of cement and stored as per norms with a stack of 10 bags each and 2 feet opening all around with 2 feet passage of each stack. Structure shall be waterproof from all the

sides and top. Cement should be stored one feet above the ground level and have pucca raised floor.

So also reinforcement bars are to be stored above the ground level to prevent the same from getting rusted.

All such sheds shall be cleared away and the whole area left in good order on completion of the contract to the satisfaction of the Banks.

All materials which are stored on the site such as bricks, aggregate, etc. shall be stacked in such a manner as to facilitate rapid and easy checking of quantum of such materials.

8. **Cost of transporting** : The tenderer shall allow in his cost for all transporting, unloading stacking and storing or supplies of goods and materials for this work on the site and in the places approved from time to time by the Banks. The tenderer shall allow in his price for transport of all materials controlled or otherwise to the site.
9. **W.C and Sanitary accommodation and office Assessors and accommodation:** The tenderer shall provide at his own cost and expense adequate closet and sanitary accommodation complying in every respect to the rules and regulations in force of the local authorities and other public bodies, for his workmen of nominated sub-contractors and other contractors working in the building, the assistant engineer and other employer's agent connected with this building project and maintain the same in good working order.

The tenderer shall also provide at his own expense adequate office and shall maintain the same in a satisfactory condition and shall provide light, fan and attendant, etc... for the same and shall remove them after completion of works. He shall arrange to supply at his own expense, office furniture with drawing assessors for the official use of the assistance engineer and at all times maintain in good working order a dumpy level and a Theodolite at Site, to enable the Bank to check the lines and levels of work.

10. **Materials, Workmanship & Samples** : Materials shall be of approved quality and the best of their kind available and shall generally conform to I.S. Specifications, The Contractor shall order all the materials required for the execution of work as early as necessary and ensure that such materials are on site well ahead of requirement for use in the work. The work-involved calls for high standard of workmanship combined with speed and to the entire satisfaction of the Banks.
11. **Rates for Non-Tender Items** : Rates of items not included in Schedule of Quantities shall be settled by the Banks as mentioned in the variation clause of the Contract Conditions.
12. **Rate to include:** The rates quoted shall be for all heights and depths and for finished work.

The contractor shall ascertain from other contractors as directed by the Banks all particulars relating to their work with regard to the order of its execution and the position in which cases, holes and similar items will be required, before the work is

taken in hand as no claims for extras will be allowed for cutting away work already executed in consequence of any neglect by the contractors to ascertain these particulars beforehand.

Before ordering materials, the contractors shall get the samples approved from the Banks well in time.

13. **Testing of work and material:** The contractors will have to carryout testing of the material at regular interval to proof quality, soundness and efficiency of the material. Expenditure required for testing and transportations shall be borne by the tenderer.

All the test should be as under :

LIST OF MANDATORY TESTS

MATERIALS	TEST	TEST ROCEDURE	MINMUM QUANTITY	FREQUENCY
1	2	3	4	5
Lime	Chemical and Physical Properties of lime	IS-6932	15 Mt.	10 mt or part thereof
Sand	a) Silt Content	Field	40 Cu.M.	40 Cu.M. or part thereof
	b) Bulking	Field	40 Cu.M.	50 Cu.M. or part thereof
	c) Particle size distribution	Field	80 Cu.M.	Every Cu.M. required in R.C.C. Work
Stone Aggregate	Particle size distribution		135 Cu.M.	Every 135 Cu.M. or part thereof for R.C.C. work. For rest of work as desired.
Cement	- Setting time - Strength - Soundness	IS-269 and other applicable I.S.		Every batch of Consignment and as directed wherever there is a change of source.

Cement Concrete or R.C.C.	1. Slump			Once a day or as desired.
	2. Cube strength		20 Cu.M. in slab beams & connected columns 5 Cu.m. in column.	Every 20 Cu.M. of a days concrete. Every 5 Cum. In column concrete.
Bricks	1. Water absorption &		Designation-35	One test for each source of

	Efflorescence			manufacture.
	2. Compressive strength		Designation-35	1,00,000 or part thereof. Two test for 1 st lot of 1,00,000 & One test later for every 2,00,000 & part thereof.
Timber	Moisture		1 Cu.M.	Every three Cu.M. & part thereof.
Aluminum doors or Windows fitting	Thickness of anodic coating	IS-5523	Rs.5000.00	Rs. 10000 or part thereof.
Mortice Locks	Testing of springs		50 os.	100 or part thereof.
Steel	a)TensilesStrength	IS-1529	20 ton	Every 20 Tonne or part thereof.
	b) Bend strength		-----do-----	-----do-----
Marble/Mosaic/ Terrazo Tiles	1) Transverse strength	IS-1237	10000 tiles	10000 tiles or part thereof
	2) Water absorption	-----do-----	-----do-----	-----do-----
	3) Abrasion test	-----do-----	-----do-----	-----do-----
White glazed tiles	1) Water absorption	IS_777	10000 tiles	10000 tiles or part thereof
	2) Craxing		-----do-----	-----do-----
	3) Impact		-----do-----	-----do-----
Flush door	1) End Immersion		IS-2202	Destructive tests no.
	2) Knife			No. of shutters
	3) Adhesion		22-65	1
			66-100	2
			101-180	2
			181-300	3
			301-500	4
			501-above	5

- Cost of testing and transport will be borne by contractors.
- Any other materials will be tested by contractors at his own cost as per the instruction of Bank and Bank from time to time.
- Frequency stated above is minimum and the Contractor may have to test materials with any frequency or as instructed by Bank/Banks without any cost.

If after any such test the work or portion of works is found in the opinion of the Bank to be defective or unsound, the contractor shall pull down and re-do the same at his own cost. Defective materials shall immediately be removed from the site.

14. **Mechanical Plant:** The contractor will be required to provide and maintain in working order the following power-driven equipments during the constructions work: -
- i. Concrete Mixers of more than 200 Liters capacity (7 C.ft.).

- ii. Devices to lift up materials to the highest level of the building of the capacity in R.C.C. beams, columns and partition wall and surface type vibrators shall be maintained on the site of work.
- iii. Pumps for bailing out water.
- iv. Any other machinery ordered by the Banks.

15. **Foremen and Tradesmen :** All tradesmen shall be experienced men properly equipped with suitable tools for carrying out the work of carpentry and joinery and other specialist trades in a first class manner and where the Banks deemed necessary , the contractor shall provide any such tools, special or ordinary which are considered necessary for carrying out the work in a proper manner.

All such tradesmen shall work under an experienced and properly trained foremen, who shall be capable of reading and understanding all drawings, pertaining to this work and the contractor shall also comply with other conditions set out in Clause 9 of the conditions of the contract.

18. **Work Programme / weekly progress report:**

The contractor shall prepare and submit to Banks for approval, a bar chart showing the programme of construction of various items, fitted within the period stipulated for completion, within 15 days of the communication of the acceptance of the tender. The contractor shall also furnish necessary particulars to the Bank for compiling weekly progress reports in the form furnished by the Banks.

18. **Photographs:** The contractor shall at his own expense supply to the Banks with triplicate copies of large photographs not less than 25cm x 20cm (10"x8") of the works taken from two approved portions of each building, at intervals of not more than three months during the progress of the work, or at every important stage of construction.

19. **Preparation of building for occupation and use on completion:**

The whole of the work shall be thoroughly inspected by the contractor and all deficiencies and defects put right. On completion of such inspection, the contractor shall inform the Banks in writing, that he has finished the work and it is ready for the Bank's inspection.

On completion, the contractor shall clean all windows and doors and all glass panes, including cleaning of all floors, staircases and every part of the building including oiling of all hardware. He will leave the entire building neat and clean and ready for immediate occupation and to the satisfaction of the Banks.

20. **Clearing of Site:** The contractor shall after completion of the work clear the site of all the debris and left over materials at his own expense to the entire satisfaction of the Banks and Municipal or other public authorities.

The whole of the work shall be thoroughly inspected by the contractor and all deficiencies and defects put right. On completion of such inspection, the contractor shall inform the Banks in writing, that he has finished the work and it is ready for the Banks inspection.

21. **Contractor to provide etc :** The contractor shall provide a notice board on proper supports 2 m. x 1.5m (6' x 4'-6") in a position approved by the Banks. He shall allow for painting and lettering stating name of work, name of Banks, Structural consultants, general contractor and Sub-contractor. All letters except that of the name of the work shall be in letters not exceeding 5 cm. in height and all to the approval of the Banks.

22. **Vouchers :** The contractor shall furnish the Banks with vouchers on request , to prove that the materials are as specified and to indicate the rates at which the materials are purchased in orders to work out the rate analysis of the non-tender items which he may be called upon to carry thereafter.

PROFORMA FOR APPLICATION FOR EXTENSION OF TIME PERIOD

1.	Name of Contractor	:	
2.	Name of the work as given in the Agreement	:	
3.	Agreement No.	:	
4.	Estimated tender amount	:	
5.	Date of Commencement of work as per Agreement	:	
6.	Period allowed for completion of work as per Agreement.	:	
7.	Date of Completion stipulated in Agreement.	:	
8.	Period for which extension of time has been give previously	:	
a)	1st extension vide Bank's /Bank's letter	:	
	No.	Dated	Month Days
b)	2 nd extension vide Bank's /Bank's letter	:	
	No.	Dated	Month Days
c)	3 rd extension vide Bank's /Bank's letter	:	
	No.	Dated	Month Days
d)	4 th extension vide Bank's /Bank's letter	:	
	No.	Dated	Month Days
	Total extension previously given	:	
9.	Reason's for which extensions have been previously given (Copies of the previous applications should be attached)	:	
10.	Period for which extension is applied for	:	
11.	Hindrances on account of which extension is applied for with dates on which hindrances occurred and the period for which these are likely to last.	:	

a)	Serial No.		
b)	Nature of Hindrance		
c)	Date of occurrence		
d)	Period for which it is likely to last.		
e)	Period for which extension required for this particular hindrance		
f)	Over lapping period if any, with reference to item (e) above		
g)	Net extension applied for		
h)	Remarks, if any		
12.	Extension of time required for extra work	:	
13.	Details of extra work and the amount involved	:	
a)	Total value of extra work		
b)	Proportionate period of extension of time on estimated amount put to tender.		
14.	Total extension of time required for 11 & 12	:	

Date:

Signature of Contractor

LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS OF INTERIOR MATERIALS FOR UNION BANK OF INDIA KARNAL, HARYANA.

S.NO.	MATERIALS	APPROVED BRANDS
1	False Ceiling, Cornices and Channel (GI Section)	India Gypsum , Boral, St. Gobain
2	Grid Ceiling	Armstrong/Gypro/luxelon
3	Wood Frame work: All wood must be well seasoned, free from knots, other defects.	Meranti (seasoned) with two coats of wood preservative
4	Aluminium frame work	Jindal/Indal/Hindalco
5	Wood skirting /mouldings, Lipping /beading	Steam beech/ Mahogany/ Teak wood
6	Commercial Ply wood/EDHMR (6mm,8mm,12mm,19mm)	Archid/Green ply/Century
7	Laminate	Century/Merino/Greenlam/Aica
8	Veneer	Archid/Century/Greenlam
9	Wood Preservative	STP- Pentaphene pale / Termination Tor(Pidilite)
10	Adhesive	Fevicol SH (Pidilite) / Araldite/SR- 998/Century - SH
11	Door Closer	Dorset/Hettich/Hafele
12	Floor Spring	Dorma/ Dorset/Hettich
13	Door Lock	Dorset/Golden/ Ozone
14	Drawer Lock	Dorset/Golden/Hettich
15	Hardware	GKW/Everite
16	Hinges	Hettich/Ebco/Hefele
17	Screws	GKW/ Nettle fold
18	Carpet	Interface/ Shaw
19	Vertical/Roller Blinds	MAC/Vista
20	Sun Control Film	3M
21	Soft Board / Display Board	Jolly board/Western India Plywood
22	Paints	Berger/ Asian/ Nerolac
23	Texture paint	Spectrum/ Oikos
24	Ceramic Tiles	Nitco/Orient bell/H.R.Johnson
25	Vitrified tiles	Nitco/Orient bell/ H.R.Johnson
26	Glass & Mirror	Modi Guard/ Saint gobain/Ashai
27	Handle	Dorset/Hefele/ Hettich
28	MDF Boards	Greenpanel max/Century/Action
29	Wooden flooring	Green panel max/Pergo/Armstrong
30	PVC flooring	Armstrong/ Krishna vinyl
31	Sanitary fittings	Toto/ Roca/ Kohler/ Grohe

32	Cement	Grade 43/53 of L&T/A.C.C./Ambuja/Ultratech
33	White Cement	Birla cement/JK cement
34	ACP Panels/Sheets	Alubond/ALU Décor/Alstrong/Alstone
35	Flush door	Sonear/Century/Green
36	AC grill	Air products/omicron/patrawala
37	Melamine polish	MRF/Nerolac
38	Ball Catch	Magnetic (M-2)/ Brass or Equivalent
39	Modular Furniture	AFC/HNI/Haworth

The above material list is only indicative and equivalent material may be used. Prior Approval from Bank / Architect to be obtained for any material to be used at site.

NOTE:-

1. In case of unavailability of any material of specific make an equivalent make can be used only after a written approval of the Architect / Bank. The preference of make/brand of the material listed above will be decided by the Architect/ Bank. The make/brand of any item will be as mentioned in the drawings issued by the Architect.

2. The contractor shall provide samples of all materials mentioned in the list of makes as required by the Architect. A written approval of these samples shall be sought prior to commencement of any work. Architect / Bank reserves the right to enquire the genuineness of any material used at site directly from the manufacturer/dealer.

LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS OF ELECTRICAL MATERIALS FOR UNION BANK OF INDIA KARNAL, HARYANA.

S.NO.	MATERIALS	APPROVED BRANDS
1	PVC fittings	Polycab/ AKG / Precision
2	Wires - PVC insulated copper	Finolex/Polycab/Havells
3	Cables (armored)	Gloster / Havells/ Polycab
4	A.C Starter, Plug Socket	Crabtree / Northwest/ Legrand
5	Light & Power switch socket	Crabtree / Northwest /Philips
6	Telephone Socket	RJ-11 Crabtree/ Philips/MK
7	DB MCB	Legrand/ Hager/ Schneider
8	MCB	Legrand/ Hager/ Schneider
9	Telephone cable	D-Link / Delton / AMP/Dowel
10	Light fitting	PHILIPS/Wipro/Panasonic
11	Fuse Switch	L&T / Havell's
12	Telephone Connector	Corn
13	Ceiling/ Wall fan	Crompton / Orient / Havells
14	Exhaust fan	Crompton / Orient / Havells
15	P.V.C tape	Steel Greep
16	Call bell	Max
17	Cable Lug	Dowell's
18	Cable gland	Comet/ Gripwel/ Dowel
19	Distribution board	L&T/ABB/Legrand
20	MS conduit	BEC/ Precision/ AKG
21	Starter & single phasing preventer	SEIMENS
22	SPN, TPN, Sheet metal	Havell's / Legrand/ L&T
23	Pipe Metal	M.S Conduit 16 S.W.G
24	Metal Pipe Fittings	Cast iron with thread & inspection cover
25	Pipe PVC (Rigid Conduit)	AKG / Polypack/Precision

26	PVC fitting for Rigid	-Do-
27	PVC Roll Pipe	Super Dalda or equivalent heavy Guage
28	PVC Casing & Casing Fittings	Good quality heavy gauge (colour white)
29	Lugs	Dowel/Braco/Nettlefold
30	Terminals	Essen/Elmex
31	Burglar alarm	Godrej/ Globe detective
32	E-cat 6 Patch panel	Schneider Electric/ Avaya
33	P.A. System	Bosch/ Ahuja
34	UPS wiring	Crompton/KEI
35	Aluminum ducting sheet	Jindal/ SAIL
36	AC	Voltas, Daikin, Blue Star.
37	Timer	Legrand
38	Cat-6 cable/Cat-6 I/O	D-Link/Molex

The above material list is only indicative and equivalent material may be used. Prior Approval from Bank / Architect to be obtained for any material to be used at site.

NOTE:-

1. In case of unavailability of any material of specific make an equivalent make can be used only after a written approval of the Architect / Bank. The preference of make/brand of the material listed above will be decided by the Architect/ Bank. The make/brand of any item will be as mentioned in the drawings issued by the Architect.

2. The contractor shall provide samples of all materials mentioned in the list of makes as required by the Architect. A written approval of these samples shall be sought prior to commencement of any work. Architect / Bank RESERVE the right to enquire the genuineness of any material used at site directly from the manufacturer/dealer.

LIST OF APPROVED AND NOMINATED MANUFACTURERS / SUPPLIERS OF AC WORK MATERIALS FOR UNION BANK OF INDIA KARNAL, HARYANA.

S.NO.	MATERIALS	APPROVED BRANDS
1	AC UNIT (Split AC and Cassette AC) 3-Star rating, AC should have copper condenser only.	Voltas, Daikin, Blue Star.
2	Copper piping with Installation (Superlon Malaysia)	Rasco/ Mandev/Mettuble.
3	Voltage Stabilizer	Voltech/ Logicstat / V-guard.
4	Interconnection cable $\frac{3}{4}$ core between indoor to outdoor units	Johnson / National/ Kalinga.
5	Drain Pipe	UPVC drain pipe 25mm with elbow socket and T(Make - Prince or Equivalent)

The above material list is only indicative and equivalent material may be used. Prior Approval from Bank / Architect to be obtained for any material to be used at site.

NOTE:-

1. In case of unavailability of any material of specific make an equivalent make can be used only after a written approval of the Architect / Bank. The preference of make/brand of the material listed above will be decided by the Architect/ Bank. The make/brand of any item will be as mentioned in the drawings issued by the Architect.
2. The contractor shall provide samples of all materials mentioned in the list of makes as required by the Architect. A written approval of these samples shall be sought prior to commencement of any work. Architect / Bank RESERVE the right to enquire the genuineness of any material used at site directly from the manufacturer/dealer.



**TENDER FOR INTERIOR FURNISHING, CIVIL, MODULAR FURNITURE,
ELECTRICAL, LAN & AIR CONDITIONING WORKS,**

AT

REGIONAL OFFICE, KARNAL

PRICE BID

TO BE PACKED IN A SAPERATE SEALED ENVELOPE

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUMMARY (REGIONAL OFFICE)

ARCHITECT :- BURMAN ET.AL.

S. No.	ITEMS	AMOUNT
I	DISMANTLING WORK	
II	CIVIL WORK	
III	PLUMBING	
IV	MODULAR FURNITURE	
V	INTERIOR WORK	
VI	ELECTRICAL WORK	
VII	AC WORK	
VIII	TELEPHONE SYSTEM & DATA SYSTEM	
	TOTAL (I+II+III+IV+V+VI+VII+VIII)	
	GST @ 18%	
	GRAND TOTAL WITH GST AMOUNT	

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUB:- DISMANTALING WORK

ARCHITECT :- BURMAN ET.AL.

SL No:	PARTICULARS	UNIT	QTY	RATE	AMOUNT
A	DISMANTALING OF EXISTING 9" THK. BRICK WALL	Sq.Ft.	2000		
B	DISMANTALING OF EXISTING 4 1/2" THK. BRICK WALL	Sq.Ft.	600		
C	DISMANTALING PLUMBING FIXTURE	Nos	10		
D	DISMANTALING OF EXISTING WALL & FLOOR TILES	Sq.Ft.	1300		
E	REMOVE OF EXISTING WINODW	Sq.Ft.	1000		
F	REMOVE OF EXISTING WOODEN DOOR	Nos	20		
G	REMOVE ALL ELECTRICAL,WIRING,SWITCH & LIGHT FITTING	Ls.	1		
H	DISMANTALING OF WALL PLASTER	Sq.Ft.	1000		
I	RCC DEMOLISHING :- Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	1		
		TOTAL			

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUB:- CIVIL WORK

ARCHITECT :- BURMAN ET.AL.

SL No:	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	Half Brick Wall				
	Half Brick Masonary with Bricks of class designation 75 in all locations, shapes, sizes, levels in Cement Morter 1:4 (1 Cement : Coarse Sand.)	Sq.Ft.	900.00		
2	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sq.Ft.	900.00		
3	CEMENT PLASTER (IN COARSE SAND)				
	15MM Cement plaster in Toilets on rough side of single or half brick wall of mix 1:4(1 Cement : 4 Coarse sand)	Sq.Ft.	1800.00		
4	WATERPROOF PLASTERING				
	P/A 12-15 mm thick waterproof cement plaster on existing brick walls with cement mortar 1:4 (1 cement : 2 corase sand : 2 fine sand) mixe with 2% integral water proofing compound confirming IS : 2640 (CICO or equivalent) in plumb with proper line and level.	Sq.Ft.	750.00		
5	Providing and laying PCC as required over refilled/ relayed and compacted flooring materails in toilet in 1:4:8 mix. (1 cement: 4 coarse sand: 8 stone aggregate) complete with neat cement coat on top etc. complete as per instructions of Architect/ Bank's Engineer.	Cu.Ft.	50.00		
6	Providing and fixing RCC Counter 75mm thk. with 8mm dia reinforcement TMT bars@ 150 c/c both ways. The concrete to be used to have 1:2:4 mix (1 cement: 2 coarse sand: 4 stone aggregate 12mm nominal size). Item includes making opening for wash basins, sink, necessary scafollding, curing and finishing in 12mm thk. plaster on under side. Item also includes providing and fixing 18mm thk. jet black granite stone on top and on front edge of the counter. The granite to have opening for wash basin/ sink with moulding around the opening and also at leading edge etc. complete as per instructions of Architect/ Bank's Engineer.	Sq.Ft.	65.00		
7	WATER PROOFING WORK				

	Providing Waterproofing Treatment in toilet area with acrylic waterproofing compound AQUAGUARD mixed with water and cement in the ratio as recommended by the manufacturer and applied in three coats including one primer coat on the RCC slab after cleaning the surface with wire brush to remove any loose material like dust, dirt etc. complete. Item includes re-filling and relaying of flooring materials after waterproofing treatment etc. complete as per instructions of Architect/ Bank's Engineer.	Sq.Ft.	500.00		
8	Providing and fixing Powder Coated Aluminium Windows (minimum thickness of powder coating 50 micron) with openable and lockable shutters made with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required etc. complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Ft.	100.0		
9	WINDOW JAMB				
	Providing and fixing 18mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cur for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade colour and texture laid over 20mm thick base cement mortar 1:4 (i cement:4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.	R.FT	450.0		

10	Constructing water tight brick masonry manhole with 75 class designation bricks in cement mortar 1:4 (1 cement :4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size). Foundation concrete 150 mm thick 1:4:8 mix (1 cement :4 coarse sand :8 graded stone aggregate 40 mm nominal size), inside and outside plastering 12 mm thick with cement plaster 1:3 (1 cement :3 coarse sand) finished with a floating coat of neat cement and making channels and benching in cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design, plastic coated M.S 20 mm square bar foot rests including fixing in 20 x 20 x 10 cm cement conc. blocks neatly finished, complete as per standard design and approved drawings. (Price shall include the cost of excavation, back filling, disposal of surplus earth, foot rests dewatering & water proofing of manholes as directed at site & other associated civil works).				
	1200 x 900 x 900 mm size	Each	1		
11	SFRC Circular Mainn Hole frame with cover fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete.				
	600x600 Medium Frame with cover for manhole/Catch Basin/Sroem water Chamber/Drain Chamber etc.	Each	1		
12	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover to be not less than 4.5 Kg. and frame to be not less than 2.7 Kg. as per standard design:				
	100x100 mm size P type , with common burnt clay F.P.S.(Non Modular) bricks of class designation 7.5	Each	2		
				TOTAL	

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUB:- PLUMBING WORK

ARCHITECT :- BURMAN ET.AL.

SL No:	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	PLUMBING WORKS				
	Plumbing works includes cleaning of surface & removing old connections from site as per instructions. Item also includes all necessary connections with existing pipes, manholes and service lines and necessary liasioning with building authorities.				
1.1	Providing and laying Heavy Duty UPVC pipes of approved make in floor including covering the same with concrete having 1:2:4 mix (1 cement: 2 coarse sand: 4 stone aggregate 12mm nominal size). The item includes all other accessories such as floor traps, bends, etc. as may be required with all joints to be sealed with solution, necessary digging/ chasing and covering the same properly, later etc. complete as per instructions of Architect/ Bank's Engineer.				
a	Same as above but for 110mm dia nominal bore pipe.	R.Mt.	40.00		
b	Same as above but for 75mm dia nominal bore pipe.	R.Mt.	30.00		
c	Same as above but for 50mm dia nominal bore pipe.	R.Mt.	30.00		
1.2	Providing and laying Chlorinated Polyvinyl Chloride (CPVC) pipes of approved make having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement including the cost of cutting chases, making good the same and including testing of joints at 7 Kg/ Sq.Mt. pressure with pressure pump.				
i	Same as abobe but for 15mm dia nominal bore for concealed internal piping.	R.Mt.	50.00		
ii	Same as abobe but for 25mm dia nominal bore for shaft to toilet piping.	R.Mt.	40.00		
1.3	Providing and fixing approved quality UPVC Nahani Trap of approved make and having self cleansing design with C.P. pressed steel grating with or without vent arm of the below mentioned sizes for inlet and outlet including cost of cutting/ chasing and making good the floors wherever required etc. complete as per instructions of Architect/ Bank's Engineer.				
i	100mm dia nominal bore for inlet and 75mm dia nominal bore for outlet	Nos.	8.00		





1.4	Providing and fixing Stainless Steel Kitchen Sink (JAYNA) with drain board of size 1040x510mm glossy as per I.S. 13983 with C.I. brackets, waste jali, down take pipe, bottle trap etc. including painting of fittings and brackets, cutting and making good the walls and floors wherever required etc. complete as per instructions of Architect/ Bank's Engineer.	Nos.	1.00		
2	SANITARY WORK				
2.1	Providing and fixing vitreous china pedestal type European Water Closet (Perryware/ Hindware/ Cera) of approved model with seat and lid having C.P. brass hinges and rubber buffers, 5 ltr low level flushing cistern with associated fittings & C.I. / M.S. brackets, 40 mm flush bend, overflow arrangements and mosquito proof couplings including painting of fittings and brackets, cutting and making good the walls and floors wherever required etc. complete as per instructions of Architect/ Bank's Engineer. (Base price of european water closet to be used to be Rs. 12000/-).	Nos.	5.00		
2.2	Providing and fixing vitreous china flat back type Urinal with in-built automatic flushing sensor (Parryware/ Hindware/ Cera) of approved model having standard size C.P. brass pipe and clamps with bottel trap & waste fittings including painting of fittings and brackets, cutting and making good the walls and floors wherever required etc. complete as per instructions of Architect/ Bank's Engineer. (Base price of urinal to be used to be Rs. 10000/-).	Nos.	5.00		
2.3	Providing and fixing vitreous china semi pedestal type Wash Basin (Parryware/ Hindware/ Cera) of approved model with C.I./ M.S. brackets, 32 mm C.P. brass waste of standard pattern, bottel trap etc. including painting of fittings and brackets, cutting and making good the walls and floors wherever required etc. complete as per instructions of Architect/ Bank's Engineer. (Base price of european wash basin to be used to be Rs. 5000/-).	Nos.	6.00		
2.4	Providing and fixing C.P. Brass Tap (Parryware/ Hindware/ Cera) of approved model along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Nos.	12.00		
2.5	Providing & fixing Angle Valve (Parryware/ Hindware/ Cera) of approved model along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Nos.	17.00		
2.6	Providing and fixing Bib/ Piller Cock (Parryware/ Hindware/ Cera) of approved model along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Nos.	6.00		
2.7	Providing & fixing Toilet Paper Holder (Parryware/ Hindware/ Cera) of approved model along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Nos.	5.00		






2.8	Providing and fixing Towel Ring (Parryware/ Hindware/ Cera/ Klaxon) of approved model along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Nos.	6.00		
2.9	Providing & fixing Soap Dispenser (Euronics/ UTEC) of approved model along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Nos	6.00		
2.1	Providing and fixing Toilet Mirror on wall with 6mm thk. glass mirror with bevelled edges fixed over 6mm water proof ply finished in 50x25mm teak wood moulding finished in melamine polish along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Sq. Ft.	40.00		
2.11	Providing and fixing 10mm thk. opaque Frosted Toughened Glass with edge polish for urinal divider as per approved shape and design, fixed on wall with proper S.S. clamps grouted in wall along with all accessories as may be required complete as per instructions of Architect/ Bank's Engineer.	Sq. Ft.	18.00		
2.12	Providing & fixing Health faucet of approved make complete as per the design and instructions Architect.	Nos	5.00		
	TOTAL				









PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUB:- MODULAR FURNITURE

ARCHITECT :- BURMAN ET.AL.

Sr. No.	Product Specification / Description	Indicative Image Not actual	Qty.	Rate	Amount
1	AGM. CABIN TABLE MAIN TABLE, SIZE:1800W*850D, WITH SIDE UNIT & BACK UNIT STORAGE, 750HT		2		
	MAIN WORKTOP, 25MM PLPB WTOP, SIZE: 1800W X 850D, WITH METAL FLAPPER WT SOFT CLOSE 400 MM UNDERSTRUCTURE, 50 x 50 METAL POWDERCOATED LEG FRONT MODESTY PERFORATED METAL POW.COATED SIDE UNIT COMBINATION STORAGE OVERALL WIDTH:1050MM, PROVIDING WITH PLPB PED 2D+1F (400W) , PLPB 450D SWING DOOR STORAGE(650W) + (W)*750H BACK STORAGE, PLPB 400D HINGE DOOR STORAGE, SIZE:1800W*750H PROVIDING CABLE TRAY AND VERTICAL CABLE RISER				
2	CABIN TABLE MAIN TABLE, SIZE:1500W* 750D*750HT		1		
	MAIN WORKTOP, 25MM PLPB WTOP, SIZE: 1500W X 750D, WITH METAL FLAPPER WT SOFT CLOSE 400 MM UNDERSTRUCTURE, 50 x 50 METAL POWDERCOATED LEG FRONT MODESTY PERFORATED METAL POW.COATED MODESTY SIDE UNIT COMBINATION STORAGE OVERALL WIDTH:1000MM, PROVIDING WITH PLPB PED 2D+1F (400W) , PLPB 450D SWING DOOR STORAGE(600W) + (W)*750H PROVIDING CABLE TRAY AND VERTICAL CABLE RISER				
3	CHIEF MANAGER CUBICLE & CABIN TABLE MAIN TABLE, SIZE:1500W*750D, SIDE UNIT STORAGE, 750HT		3		
	MAIN WORKTOP, 25MM PLPB WTOP, SIZE: 1500W X 750D, WITH METAL FLAPPER WT SOFT CLOSE 400 MM UNDERSTRUCTURE, 50 x 50 METAL POWDERCOATED LEG FRONT MODESTY PERFORATED METAL POW.COATED MODESTY SIDE UNIT COMBINATION STORAGE OVERALL WIDTH:1000MM, PROVIDING WITH PLPB PED 2D+1F (400W) , PLPB 450D SWING DOOR STORAGE(600W) + (W)*750H BACK STORAGE 3.1.A BACK STORAGES, SIZE: 2175W*400D*750HT 3.1.B BACK STORAGES, SIZE: 1500W*400D*750HT 3.1.C BACK STORAGES, SIZE: 2200W*400D*750HT 3.1.D BEHIND CHIEF SIZE: 3061W*400D*1200HT BACK STORAGE MADE UP OF 18MM THICK PLPB - PLPB 400D HINGE DOOR STORAGE, - WITH REGULAR LOCK - PROVIDING NECESSARY HARDWIRE AND FITMENTS	 	2 1 2 1		
3.2	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 3772W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		1		
3.3	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 2089W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		2		
3.4	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 2280W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		1		
3.5	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 2197W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		1		
3.6	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 540W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		1		

4	S. MANAGER TABLE MAIN TABLE, SIZE:1500W*750D, SIDE UNIT STORAGE, 750HT		4		
	MAIN WORKTOP, 25MM PLPB WTOP, SIZE: 1500W X 750D, WITH METAL FLAPPER WT SOFT CLOSE 400 MM UNDERSTRUCTURE, 50 x 50 METAL POWDERCOATED LEG FRONT MODESTY PERFORATED METAL POW.COATED MODESTY SIDE UNIT COMBINATION STORAGE OVERALL WIDTH:1000MM, PROVIDING WITH PLPB PED 2D+1F (400W) , PLPB 450D SWING DOOR STORAGE(600W) + (W)*750H				
4.1.A	BACK STORAGE UTILITY COUNTER CUM BACK STORAGES, SIZE: 2175W*400D*750HT, WITH EXTENDED TOP		1		
4.1.B	FULL HT BACK STORAGES, SIZE: 3450W*400D*2400HT		1		
4.1.C	LOW HT BACK STORAGES, SIZE: 1450W*400D*750HT		1		
4.1.D	TV CONSOLE STORAGES, SIZE: 1950W*400D*750HT		1		
	BACK STORAGE MADE UP OF 18MM THICK PLPB - PLPB 400D HINGE DOOR STORAGE, - WITH REGULAR LOCK - PROVIDING NECESSARY HARDWARE AND FITMENTS				
4.2	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 2629W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		3		
4.3	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 450W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		1		
5	MANAGER TABLE MAIN TABLE, SIZE:1450W*750D, SIDE UNIT & BACK UNIT STORAGE, 750HT		3		
	MAIN WORKTOP, 25MM PLPB WTOP, SIZE: 1500W X 750D, WITH METAL FLAPPER WT SOFT CLOSE 400 MM UNDERSTRUCTURE, 50 x 50 METAL POWDERCOATED LEG FRONT MODESTY PERFORATED METAL POW.COATED MODESTY SIDE UNIT COMBINATION STORAGE OVERALL WIDTH:1000MM, PROVIDING WITH PLPB PED 2D+1F (400W) , PLPB 450D SWING DOOR STORAGE(600W) + (W)*750H				
5.1.A	BACK STORAGE FULL HT BACK STORAGES, SIZE: 3600W*400D*2400HT		1		
5.1.B	LOW HT BACK STORAGES, SIZE: 900W*400D*750HT		1		
	BACK STORAGE MADE UP OF 18MM THICK PLPB - PLPB 400D HINGE DOOR STORAGE, - WITH REGULAR LOCK - PROVIDING NECESSARY HARDWARE AND FITMENTS				
5.2	FREE PARTITION PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 2288W x 1200HT x 60TH), PROVIDING WITH STABILIZER BRACKET		2		
6	DGM CABIN TABLE MAIN TABLE, SIZE:2250W* 1050D, BACK UNIT STORAGE: PLPB 450D SLIDING DOOR STORAGE, SIZE:2250W*750HT		1		
	MAIN WORKTOP, 25MM PLPB WTOP, SIZE: 2250W X 1050D, WITH METAL FLAPPER WT SOFT CLOSE 400 MM UNDERSTRUCTURE, 50 x 50 METAL POWDERCOATED LEG METAL POW.COATED MODESTY NON SUPPORTED 1.5 to 2.0MM TH , SIDE UNIT COMBINATION STORAGE OVERALL WIDTH:1300MM, PROVIDING WITH PLPB PED 2D+1F (400W) , PLPB 450D SWING DOOR STORAGE(900W) + (W)*750H BACK STORAGE, PLPB 450D SLIDING DOOR STORAGE, SIZE:2250W*750H CABLE TRAY & VERTICAL CABLE RISER				

7	MT-01, MEETING TABLE SIZE: 2175W*1050D*750HT	 	1		
	WORKTOP, 25MM PLPB WTOP, SIZE: 2175W*1050D, WITH METAL FLAPPER WT SOFT CLOSE 600 MM ----- UNDERSTRUCTURE, SLEEK METAL POWDERCOATED LEG ----- PROVIDING CABLE TRAY AND VERTICAL CABLE RISER				
7.1	STORAGE LOW HT BACK STORAGE, SIZE: 3225W*400D*750HT BACK STORAGE MADE UP OF 18MM THICK PLPB - PLPB 400D HINGE DOOR STORAGE, - WITH REGULAR LOCK - PROVIDING NECESSARY HARDWARE AND FITMENTS		1		
8	CONFERENCE TABLE, MEETING TABLE SIZE: 5850W*1200D*750HT	 	1		
	WORKTOP, 25MM PLPB WTOP, SIZE: 5850W*1200D, WITH METAL FLAPPER WT SOFT CLOSE 600 MM ----- UNDERSTRUCTURE, SLEEK LEG METAL POWDERCOATED ----- PROVIDING CABLE TRAY AND VERTICAL CABLE RISER				
9	CAFE TABLE, MEETING TABLE SIZE: 1500W*1050D		1		
	WORKTOP, 25MM PLPB WTOP, SIZE: 1500W*1050D ----- UNDERSTRUCTURE, 50 x 50 METAL POWDERCOATED LEG				
10	LOW HT STORAGE ALONG THE PASSAGE				
	STORAGE MADE UP OF 18MM THICK PLPB - PLPB 400D HINGE DOOR STORAGE, - WITH REGULAR LOCK - PROVIDING NECESSARY HARDWARE AND FITMENTS - PROVIDING WITH PLANTER BOX		1		
10.a	SIZE: 2667W*400D*1050HT+150(PLANTER)		1		
10.b	SIZE: 1372W*400D*1050HT+150(PLANTER)		1		
10.c	SIZE: 2089W*400D*1050HT+150(PLANTER)		2		
10.d	SIZE: 895W*400D*1050HT+150(PLANTER)		1		
10.e	SIZE: 540W*400D*1050HT+150(PLANTER)		1		
10.f	SIZE: 1143W*400D*1050HT+150(PLANTER)		2		
10.g	SIZE: 1130W*400D*1050HT+150(PLANTER)		1		
10.h	SIZE: 900W*400D*1050HT+150(PLANTER)		1		
10.i	SIZE: 965W*400D*1050HT+150(PLANTER)		1		
10.j	SIZE: 3239W*400D*1050HT+150(PLANTER)		1		
10.k	SIZE: 1067W*400D*1050HT+150(PLANTER)		1		
11	LINEAR WS1, WORKSTATION SIZE:1200W X 750D*750ht (Panel ht 1200ht)		28		
	WORKTOP, 25MM PLPB WTOP, SIZE: 1200W X 750D, WITH GROMMET 1PC ----- MAIN SPINE PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE - RACEWAY@BELOW & SKIRTING, PNL SIZE: 1200W x 1200HT x 60TH) ----- RETURN PANEL : 60MM THICK, UPPER FINISH: PIN-UP FABRIC / LOWER FINISH: LAMINATE, PNL SIZE: 750W x 1200HT x 60TH) ----- METAL LEG: 50 x 50 LEG, SIZE: 750W x 725HT, @WTOP JOINTS ONLY ----- -----				
11.1	BACK STORAGE FULL HT BACK STORAGE, SIZE: 3277W*400D*2400HT BACK STORAGE MADE UP OF 18MM THICK PLPB - PLPB 400D HINGE DOOR STORAGE, - WITH REGULAR LOCK - PROVIDING NECESSARY HARDWARE AND FITMENTS		1		
	AMOUNT				

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUB:- INTERIOR WORK

ARCHITECT :- BURMAN ET.AL.

SL No	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	FALSE CEILING (Gypboard)				
	<p>Providing and fixing Gypsum false ceiling as per drawing including of providing and fixing G.I. Frame work shall comprise of G.I. perimeter channel (MF-6A) of size 0.50mm thick having one flange of 19.6mm and another flange shall be of size 29.6mm and a web of 26.6mm along with perimeter of ceiling, screw fixed to the beam to the required curvature with nylon sleeves and screws at not exceeding 610mm centers. Then suspending G.I. intermediate channel (MF-7) of size 45mm, 0.9mm thick with two flanges of 15mm each bent to the required curvature by cutting both its flanges. Suitable bracing to be provided where ever the flanges are cut with 0.9mm G.I. Flat and nuts and bolts at specific positions and thereafter at 1220mm centers with ceiling angle of width 25mm x 10mm x 0.50mm thick fixed to soffit with G.I. cleats and steel expansion fasteners as per specification of India gypsum at a distance of 2'0" c/c both ways complete with 12.5mm board and all necessary perimeter channels etc. The joints to be properly mended with paper tapes and gypsum compound all complete. The boards are to be jointed and finished which includes filling and finishing the tapered and square edges of the boards with jointing compound and fiber tape suitable for Gypsum board. A layer up to of 3.00mm thickness of Veneer Plaster is applied followed by two coats of topcoat (primer) at the face of board to give smooth seamless finish. <u>2 or more coats of plastic emulsion paint (roller finish) of approved shade</u> and make shall be applied. <u>The rate should include the full completion of the ceiling.</u> At the time of handing over the site all necessary repairing work to be considered if required. The work to be completed as per specification , approval of the bank. <u>No Drop or design(if any)will be considered as extra measurement it will be considered flat ceiling.</u> (Only plan area to be measured for payment) .No extra payment will be made for the cutting of light points , stain glass,cove lighting etc. The measurement will be taken in one level , rate should include the drops also, no extra amount will be paid for the drops.</p>	SQ.FT.	3200.00		
2	GRID FALSE CEILING (600mm X 600mm)				
	<p>Providing and fixing suspended false ceiling consisting of Armstrong/ Decophone or equivalent make 600mm x 600mm Tiles with tegular edges , <u>slim line suspension system grid</u>, Classic fine textured or approved pattern , on G.I frame work Complete in all respect as per manufacture's specifications, designs and architect's approval. <u>Rate quoted to include cost of providing support framework formed of perimeter channels for fixing light fixtures, AC grills/diffusers etc.</u> Also to provide concealed perimeter channel support as required to support modular grid ceiling sections at junction between gypboard false ceiling and modular grid tile ceiling. Rates to include Providing and fixing 50 mm Metal Axiom on periphery of Modular ceiling as per the design and details of the Architects.</p>	SQ.FT.	2000		
3	WOODEN CEILING				
	<p>Fabricating & fixing in position Wooden False Ceiling consisting of kailwood battens 2"x2" section in framings grids as per drawings (framework to have coating of fire retardant and anti-termite paint) with 12mm thick ply and 1.0mm thick laminate topping fixed to the framework in desired shape/form or wooden rafters as per drawings, i/c necessary M.S. hangers, screws, clips, melamine polishing and polyurethane coating etc. complete to the satisfaction of Architect/ Bank's Engineer. (Base price of laminate to be used to be Rs. 50/ sq.ft.).</p>	SQ.FT.	260		
4	FULL HEIGHT BLOCKED PARTITION BOTH SIDE LAMINATE FINISH.				

	<p>Providing and fixing solid partition , the framing shall made out of aluminium hollow section of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL as internal frame structure placed horizontally & vertically at max distance of 2'-0" x 2'-0" center to center. Fixing 11mm thick Extreme Density High Moisture Resistance (EDHMR) on both sides with 1.0mm thick laminate on top of approved shade with groove pattern as per instructions of Architect. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate and providing & fixing a border at top of 100mm wide lined with 1mm thk laminate complete. Laminate Should be considered up to two or three color combination. The edge beadings with steam beach wood should be finished with melamine polish if required, frame work above false ceiling done shall not be measured but contractor may factor it while quoting there rates as measurment up to false ceiling lvl. The rate inclusive of providing & fixing of required flush door of 37mm thick approx. with 1.0mm th.laminate both side with steem beech wood chowkhat of size 75mm x 65mm approx and Item includes Heavy-duty SS ball bearing butt hinges 100 x 5.5 mm (4 Nos. per shutter) with screws etc.The shade of laminate finish to be got approved from Bank. . All as per the design and instructions Bank. Note: - For the purpose of payment partition shall be measured including the area of door / door frames up to false ceiling height. Framework shall be rigidly secured to floor, bottom of slab & existing walls at 2'-0" c/c with dash fasteners.</p>	SQ.FT.	385		
5	<p>FULL HEIGHT BLOCKED PARTITION ONE SIDE LAMINATE & ONE SIDE VENEER FINISH.</p> <p>Providing and fixing solid partition , the framing shall made out of aluminium hollow section of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL as internal frame structure placed horizontally & vertically at max distance of 2'-0" x 2'-0" center to center. Fixing 11mm thick Extreme Density High Moisture Resistance (EDHMR) on One Side Laminate & One Side 4mm Vereen Finish of approved shade with groove pattern as per instructions of Architect. The rate shall include the cost of providing skirting of 100mm wide lined with 1mm thk laminate & 4mm Vereen and providing & fixing a border at top of 100mm wide lined with 1mm thk laminate complete. Laminate Should be considered up to two or three color combination. The edge beadings with steam beach wood should be finished with melamine polish if required, frame work above false ceiling done shall not be measured but contractor may factor it while quoting there rates as measurment up to false ceiling lvl. The rate inclusive of providing & fixing of required flush door of 37mm thick approx. with 1.0mm th.laminate both side with steem beech wood chowkhat of size 75mm x 65mm approx and Item includes Heavy-duty SS ball bearing butt hinges 100 x 5.5 mm (4 Nos. per shutter) with screws etc.The shade of laminate finish to be got approved from Bank. . All as per the design and instructions Bank. Note: - For the purpose of payment partition shall be measured including the area of door / door frames up to false ceiling height. Framework shall be rigidly secured to floor, bottom of slab & existing walls at 2'-0" c/c with dash fasteners.</p>	SQ.FT.	270		
6	<p>12MM THICK TOUGHEND GLASS PARTITION'</p> <p>Providing & fixing 12mm thick toughend fully Glass Partition in front of cabins for Manager and also Branch Front Entrance, glass fixed with S.S. clamps on sides and top & S.S. u-channel in the ground as per detail drgs. and complete to the satisfaction of Architect/ Bank's Engineer.</p>	SQ.FT.	290		
7	<p>MAIN ENTRANCE & PATCH FITTING DOOR :</p> <p>Providing and fixing front Frameless Patch Fitting Door with 12mm thick toughened glass with frame less glass fittings joining 2 glass & double action floor springs (Hettich/Dorma/Godrej) as per design. The item includes providing and fixing S.S. handle not less than 600mm long on both side of glass, locks and fittings (Haffle/ Hettich/ Ozone) as per the manufacturer's specifications etc. complete to the satisfaction of Architect/ Bank's Engineer.</p>	SQ.FT.	230		
8	<p>SEMI GLAZED DOOR (3'-0"x7'-0")</p>				

	Providing and fixing made in 35mm thick Flush door with 1mm lamination form both sides and 8mm plain glass with Etching / Acid texture border fixed with Steam beach molding duly melamine polished. 35mmX 12mm steam beach Lipping to be provided to all the edges of the door . Rate also to include the cost of Door Frame made Steam beach wood fixed in partition or wall.. Door Frame should be fixed properly to the Partitions, All Hardware should be of Brass / SS Brush finish with ISI mark. Hardware includes Concealed Door closer, Cylindrical Lock, Door stopper and other standard needs. <u>All as per the design and instructions Bank.</u>	NO.	3		
9	SOLID DOOR (3'-0" x7'-0")				
	Providing and fixing made in 35mm thick Flush door with 1mm lamination form both sides and 8mm plain glass with Etching / Acid texture border fixed with Steam beach molding duly melamine polished. 35mmX 12mm steam beach Lipping to be provided to all the edges of the door . Rate also to include the cost of Door Frame made Steam beach wood fixed in partition or wall.. Door Frame should be fixed properly to the Partitions, All Hardware should be of Brass / SS Brush finish with ISI mark. Hardware includes Concealed Door closer, Cylindrical Lock, Door stopper and other standard needs. All as per the design and instructions Bank.	NO.	5		
10	SOLID DOOR (2'-6" x7'-0")				
	Providing and fixing made in 35mm thick Flush door with 1mm lamination form both sides and 8mm plain glass with Etching / Acid texture border fixed with Steam beach molding duly melamine polished. 35mmX 12mm steam beach Lipping to be provided to all the edges of the door . Rate also to include the cost of Door Frame made Steam beach wood fixed in partition or wall.. Door Frame should be fixed properly to the Partitions, All Hardware should be of Brass / SS Brush finish with ISI mark. Hardware includes Concealed Door closer, Cylindrical Lock, Door stopper and other standard needs. All as per the design and instructions Bank.	NO.	7		
11	RECEPTION TABLE (SIZE:- 6'-0" X 2'-6")				
	Providing, fabricating and placing in position Reception table (6'-0") , top to be 19mm thick Extreme Density High Moisture Resistance (EDHMR) Finished with Corian only Top as per design fixed with adhesives of approved quality, framing to be done with sal wood finished with flexibly faced with 1.0mm thick laminate fixed with adhesives of approved quality. including necessary wooden edging, laminated drawer units, stainless steel / mettalic laminate skirting melamine polishing, necessary hardwares etc. complete as per detail drawings.	NO	1		
12	UTILITY COUNTER 600MM WIDE				
	Providing and fixing Utility tables made out of 19mm thick Extreme Density High Moisture Resistance (EDHMR) over hard wood frame work finished with 1.5mm thick laminate of approved shade. Top having steam beech wood edging of size 2" x 1 3/4". 10mm thick clear float glass with beveled edges shall be provided on the finished to 19mm thick Extreme Density High Moisture Resistance (EDHMR) of approved make cladded with 1mm thk. laminate (color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden steam beech lippings and mouldings duly malamine polish. The drawers to be made out of 19mm thick Extreme Density High Moisture Resistance (EDHMR) with 1.0 mm laminate finish in the front , and bottom to be made out of 6mm thick Extreme Density High Moisture Resistance (EDHMR) and it should play in drawer sliding telescopic channels. The inside of the drawer to be duly paint & Table back side wil be 1mm laminate. A leg rest to be provided duly polished made out of 3"x2" Wooden Section. A shutter to be made by 19mm thick Extreme Density High Moisture Resistance (EDHMR) cladded with 1.0mm laminate .The necessary locks handles to be provided in each drawers and shutters. 3" x 1/2" wooden skirting to be provided in all visible areas duly polished. The necessary wire managers(SS) to be provided on the tables and provision for lights to be kept if required in the front of the table. All the exposed areas to be duly malamine polished The work to be completed as per design and approval of the Bank. The table should have key board tray and CPU Trolley to be Modular. All as per the design and instructions Bank .	R.Ft.	15		
13	MAIN ELECTRICAL PANEL CABINET				

	roviding and fixing of DB Shuttering formed of 19mm thick Extreme Density High Moisture Resistance (EDHMR) wood shutters finished with laminate on outer surface 1.0 Thk. laminate finish on internal surface with wooden louvre perforation and necessary hardware complete as per details. <u>All as per the design and instructions Bank.</u>	SQ.FT.	170		
14	PILLAR & WALL PANELLING				
A	Providing & fixing in position column cladding consisting of 12mm thk solid ply and 2" X 1" hard wood section finished with 1mm laminate.	SQ.FT.	800		
B	Providing & fixing in position wall cladding consisting of 12mm thk solid ply and 2" X 1" hard wood section finished with 1mm laminate.	SQ.FT.	1100		
C	Providing & fixing in position column cladding consisting of 12mm thk solid ply and 2" X 1" hard wood section finished with 6 mm thk. Laquered glass.	SQ.FT.	200		
D	Providing & fixing in position wall cladding consisting of 12mm thk solid ply and 2" X 1" hard wood section finished with 4mm Vereen.	SQ.FT.	200		
15	POP & PAINTING PLASTIC PAINT				
	Providing and applying pop on wall & column as per required and to give a smooth surface as per approval of the Architect. Applying 2 Coat putty with primer and Providing and applying Plastic emulsion paint (asian) of approved make and shade on walls including scrapping off, preparing the base & applying 3 or more coats of approved make, color and shade to give an even and smooth surface on new work including necessary scaffolding, coat of cement primer etc. all complete as per direction of Bank.	SQ.FT	7500		
16	TEXTURED PAINT				
	Providing & applying Texture Paint (Okios/ Dulux/ Asian) in two or more shades as approved by Bank with roller & spray, after preparing the base for the same as per manufacturer's specifications etc. complete to the satisfaction of Architect/Bank's Engineer. (Base Price of texture paint to be used to be Rs. 45/ sq.ft.).	SQ.FT	500		
17	BACK DROP RECEPTION & CONFERENCE ROOM				
	Structure made by 19mm thick Extreme Density High Moisture Resistance (EDHMR) finish with laminate/vener, and 6 mm thk. Laquered glass. panelling with spot light,flower vase, abstrac paintings as per drawings. All as per the design and instructions Bank & Architects.	SQ.FT.	185		
18	WOODEN FLOORING				
	Providing and fixing 8.0mm thick WOODEN FLOORING complete in all respect as per architect choice.	SQ.FT.	330		
19	CARPET TILES				
	CARPET:Supplying and installation of imported carpet TILES of approved quality and shade(26 Oz.) in approved pattern, including transportation, custom clearance, taxes, local transportation, lead, lift, etc. complete as per detailed drawing and as per manufacturers specifications.	SQ.FT.	770		
20	Providing and fixing Ceramic Anti Skid Floor Tiles (300x300 mm) (Kajaria/ Johnson/ NITCO/ Somany) of approved shade in toilets. The tiles to be fixed with cement mortar base 20mm thk. in cement mortar 1:4 (1 cememnt : 4 coarse sand) and white cement slurry with joints duly filled with white cement mixed with coloured pigment to match the colour of the tile etc. complete as per instructions of Architect/ Bank's Engineer. (Base price of tiles to be used to be Rs. 45/ sq.ft.).	Sq.Ft.	310.00		

21	<p>Providing and fixing Ceramic Wall Tiles (300x600 mm) (Kajaria/ Johnson/ NITCO/ Somany) of approved shade in toiles in one or more shades after removing existing tiles and applying base plaster with cement mortar base 20mm thk. in cement mortar 1:4 (1 cememnt : 4 coarse sand) and white cement slurry after repairing base. The tiles to be fixed in pattern as directed. The wall tiles to also have dark colour highlighter tiles as per design. The joints in the tile to be filled with white cement mixed in colour pigment to match the colour of tiles etc. complete as per instructions of Architect/ Bank's Engineer. (Base price of tiles to be used to be Rs. 60/ sq.ft.).</p>	Sq.Ft.	1200.00		
22	<p>Providing and laying premium double glazed/ charged Vitrified Tiles (800x800mm) (Kajaria/ Johnson/ NITCO/ Somany) of approved shade having thickness as per manufacturer's specifications in two or more colour/ shade flooring pattern/ design. The tiles to be fixed after levelling of the exising floor as may be required with cement mortar 1:3 (one part cement & 3 parts coarse sand) and than fixing the tiles with compound (Unitile/ Fevimate) and white cement slurry with joints duly filled with white cement mixed with coloured pigment to match the colour of the tile etc. complete as per instructions of Architect/ Bank's Engineer. The measurement to be on sq. mt. basis of the plan area of flooring, skirting and nothing extra shall be paid for design work. (Base price of tiles to be used to be Rs. 75/ sq.ft.).</p>	Sq. Ft.	3300.00		
23	<p>Vitrified Skirting :- Providing and laying mirror polished vitrified tiles of approved quality (Kajaria or approved equivalent) and shade, in dado, skirting, etc..over a bed of 25-30mm thick Cement mortar 1:3 (1 cement : 3 coarse sand) / adhesives, laid to patterns including necessary cutting, mitring, grouting of joints white antifungal grout etc., complete as per detailed drawings.</p>	RFT	250		
24	<p>ALUMINIUM FIXED WINDOW WITH ANODISED SECTIONS (Colour Specified by Bank)</p>	S.FT.	760.00		
	<p>Providing and fixing fully glazed heavy duty alluminium sections (14 Guage) at the main entrance as shown in the drwng. Glazing shall consist of approved make heavy duty 6" x 2" sections for the top & bottom rails and 2" x 2" sections for the vertical styles. 10mm thk.toughened glass approved make clear float glass shall be provided and fixed in the framing. Rate shall include necessary etching film / LOGO, and any necessary hardware items. (Heavy Duty 6" & 2" thick frames(14 Guage) - approved make.</p>				
	TOTAL				

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.					
SUB:- ELECTRICAL WORK					
ARCHITECT :- BURMAN ET.AL.					
SUMMARY OF COSTS: ELECTRICAL WORKS					
S. NO.	DESCRIPTION			AMOUNT (Rs.)	
A.	CIRCUIT CUM POINT WIRING: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING		RS.		
B.	CABLES, MAINS AND SUB MAINS		RS.		
C.	SUPPLY, INSTALLATION OF MAIN DISTRIBUTION & FINAL DISTRIBUTION BOARD		RS.		
D.	EARTHING INSTALLATION (FOR DISTRIBUTION SYSTEMS, UPS SYSTEM, EPABX EQUIPMENT ETC.)		RS.		
E.	SUPPLY AND INSTALLATION OF LIGHTING FIXTURES		RS.		
	TOTAL		RS.		
<u>GENERAL NOTES</u>					
1	The items given in this schedule are provisional. The Tenderer shall be paid for the actual quantity of work executed as				
2	All the items of work given in this schedule of quantities shall be executed strictly in accordance with the latest Indian				
3	The Tenderer shall visit the site and shall satisfy himself as to the conditions under which the work is to be performed. He				
4	All equipment and material shall be IS approved.				
5	All approvals shall be obtained from Owner's site representative/Consultant/Project Manager				
6	All equipment and material shall be inspected at manufacturer's works as per relevant IS by the Client or his representative				
7	All vendor drawings shall be approved by the Owner's site representative/Consultant/Project Manager before fabrication				
8	All Testing and Commissioning shall be as per relevant IS for equipment and IS:732:1989 for the installation. All testing				
A.	<u>CIRCUIT CUM POINT WIRING: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING</u>				
	The rates for all point wiring items shall also include supplying, fixing, testing and commissioning of the following:				
a.	Conduits, conduit specials, PVC/Rubber bushes (bends, pull boxes, junction boxes) and other fittings.				
b.	Approved GI saddles and grouting the same for exposed conduit work.				
c.	1.2 mm thick Outlet boxes and junction box.				
d.	All fixing accessories such as clips, brass screws pull boxes etc. complete in all respect.				
e.	All work necessary for wiring a point circuit of any length from the Final Distribution Board to connector via switch and shall				
f.	Embedding conduits and accessories in walls and floors etc. during construction and/or cutting chases (with chase cutting				
g.	Switch, socket outlet and necessary blank plates wherever required.				

h.	FRLS PVC insulated copper conductor stranded flexible wire of Green colour with yellow bands for earthing of fixtures,				
i.	All wires shall be IS approved, 1100 volt grade, stranded flexible FRLS PVC insulated.				
j.	All sockets shall be shuttered type with earth terminal.				
k.	Suitable rating of plugs top shall be provided for all Industrial type splash proof socket outlets.				
l.	Separate neutral and earthing wire shall be provided for each circuit.				
m.	Lighting and power circuit to be kept separate.				
n.	Different colours plate /switch socket shall be provided for UPS and raw power supply. (Shall be decided during project				
o.	Expansion joints for conduiting etc. shall be provided in case of crossing of building expansion joint and as approved by				
p.	Conduits shall be terminated in switch & socket boxes / DB's with good quality nuts & check nuts and PVC/Rubber bushes.				
Item	Description	Unit	Qty.	Rate	Amount
A.	<u>CIRCUIT CUM POINT WIRING (SUPPLY, INSTALLATION, TESTING AND COMMISSIONING)</u>				
1	Wiring for the following light points with 3 x 1.5 sq.mm FRLS PVC insulated copper conductor 1100 volts grade stranded flexible wire of approved make in concealed or surface mounted heavy duty FRLS PVC conduit including providing and fixing of 6 Amps single pole rocker operated flush mounted switch of approved quality colour make & design in 1.2 mm thick GI box and earthing of fixtures and the outlet box with 1.5 sq.mm FRLS PVC insulated copper conductor stranded flexible wire, complete in all respect.				
1.1	Primary point controlled by one 6 Amps switch.	Pt	80		
1.2	Same as item no. 1) above but Secondary point (Controlling switch is included in item no. 1)	Pt	120		
2	Wiring for Exhaust fan point with 3 x 1.5 sq. mm. FRLS PVC insulated copper conductor 1100 volts grade stranded flexible wire of approved make in concealed or surface mounted ISI marked MS conduit including providing and fixing of 6 Amps flush mounted switch at the normal switch level in 1.2 mm thick GI box and 6 Amps 3 pin flush mounted socket out of near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 1.5 sq. mm. FRLS PVC insulated copper conductor flexible wire, complete in all respect.	Pt.	7		

3	Wiring for 250 volts single phase and neutral one no. 6 Amps switched universal socket outlet with 3 x 2.5 sq.mm FRLS PVC insulated copper conductor 1100 volts grade stranded flexible wire in concealed or surface mounted ISI marked MS conduit including providing and fixing of one no. 6 Amps 5 pin switch socket outlet of approved make and design in 1.2 mm thick GI box with grid plate and earthing of third pin of the socket with 2.5 Sq. mm FRLS PVC insulated copper conductor stranded flexible wire complete in all respect.(maximum six to eight no. of switches socket shall be connected in one circuit. Secondary points shall be looped with 3 x 1.5 sq. mm. FRLS PVC insulated copper conductor 1100 volts grade stranded flexible wires).				
3.1	Primary point for 6 amps switched socket outlet	Pt	12		
3.2	Same as item no. 4 above but secondary point looped with primary point	Pt	50		
4	Wiring for 250 volts single phase and neutral two Nos. 6 Amps switched universal socket outlet with 3 x 2.5 sq.mm FRLS PVC insulated copper conductor 1100 volts grade stranded flexible wire in concealed or surface mounted ISI marked MS conduit including providing and fixing of two nos. 6 Amps 5 pin switch socket outlet of approved make and design in 1.2 mm thick GI box with grid plate and earthing of third pin of the socket with 2.5 Sq. mm FRLS PVC insulated copper conductor stranded flexible wire complete in all respect. (Maximum Four set. of two no. switch socket shall be connected in one circuit).				
4.1	Primary point for two No. 6 amps switched socket outlet	Pt	25		
4.2	Same as item no. 5 above but secondary point looped with primary point	Pt	80		
5	Wiring for 250 volts single phase and neutral one no. 6/16 Amps switched universal socket outlet with 3 x 4 sq.mm FRLS PVC insulated copper conductor 1100 volts grade stranded flexible wire in concealed or surface mounted ISI marked MS conduit including providing and fixing of one no. 6/16 Amps 6 pin switched sockets of approved make and design in 1.2 mm thick GI box with grid plates and earthing the third pin of each socket outlet with 4 Sq mm FRLS PVC insulated copper conductor stranded flexible wire complete in all respect. (Maximum two socket outlet shall be connected in one circuit. Secondary points shall be looped with 3 x 2.5 sq. mm. FRLS PVC insulated copper conductor 1100 volts grade stranded flexible wires)				
5.1	Primary point for 6/16 amps switched socket outlet	Pt	30		
5.2	Same as item no. 6 above but secondary point looped with primary point	Pt	20		
6	Supply and fixing of GI Flexible Conduits in following sizes including cost bends, elbows, sockets, tees etc. laying in slab surface mounted including all fixing hardware.				
6.1	20 mm dia	RM	210		

6.2	25 mm dia	RM	100		
7	Providing and fixing of following FRLS PVC insulated copper conductor 1100 volt grade stranded flexible wire in conduit including providing and fixing of conduits concealed or surface mounted making connections complete.				
7.1	3 x 2.5 sq mm FRLS PVC insulated copper conductor 1100 volts grade stranded wire in FRLS PVC conduit.	RM	375		
7.2	3 x 4 sq mm FRLS PVC insulated copper conductor 1100 volts grade stranded wire in FRLS PVC conduit.	RM	325		
7.3	3 x 6 sq. mm FRLS PVC insulated copper conductor 1100 volts grade stranded wire in FRLS PVC conduit.	RM	210		
7.4	4 x 6 sq.mm + 2 x 2.5 sq.mm FRLS PVC insulated copper conductor 1100 volts grade stranded wire in FRLS PVC conduit.	RM	90		
7.5	4 x 10 sq.mm + 2 x 6 sq.mm FRLS PVC insulated copper conductor 1100 volts grade stranded wire in FRLS PVC conduit.	RM	35		
7.6	4 x 16 sq.mm FRLS PVC insulated copper conductor 1100 volts grade stranded wire in FRLS PVC conduit.	RM	10		
8	Out Door Type Glow Sign Board Wiring:				
8.1	Supply laying of main line with 2x2.5 +1x1.5 mmsq through MS conduit from main panel to glow sign board.	Mts	35		
8.2	Supply & installation of 16 amps DP MCB at main entrance Glow Sign Board	Set	1		
8.3	Wiring (2x2.5mmsq+1x1.5mmsq from power DBs) for independent 6A multi pin socket along with 6A modular type switches housed in painted MS box (up to 3 independent plug points can be taken in one circuit). For Fan	Pt	32		
8.4	Call bell point same as as above complete with modular type push switch,plate & M.S. conceal box with buzzer type bell.	Pt	3		
TOTAL CARRIED TO SUMMARY					
B. CABLES, MAINS AND SUB MAINS					
The rate shall also include the following :					
a	Providing and fixing junction boxes with covers including painting.				
b	Effecting adequate and proper connections at terminations.				
c	Providing all fixing accessories such as clamping devices nuts, bolts and screws.				

d	Excavation laying of cable filling of sand, brick protection, back filling of earth, watering, ramming and making good.				
e	Wherever the cables are of aluminium and bus bars of copper bimetallic lugs shall be used.				
f	All cable shall be laid with one diameter gap.				
g	All cables shall be IS approved.				
h	Fire retardent paint one meter on both side of wall penetration and at termination as per specifications.				
i.	Burried LT cables to be laid atleast 750 mm below ground.				
j.	All cutouts / Sleeves shall be sealed with fire redardant sealent as per specification.				
1	Supply & laying of following 1100 volt grade PVC sheathed XLPE insulated aluminium conductor armoured cables as per specification in existing trenches, cable trays, ducts over bed of sand, clamped includes anchor fastners wall with suitable clamps, saddles fixing bolts including all accessories.				
1.1	3.5 core 95 sq. mm.	RM	70		
2	Supply,testing, installation & commissioning of following cable end terminations of PVC sheathed XLPE insulated aluminium conductor armoured cables of 1100 volt grade including supplying and fixing of crimping bimettallic lugs, double compression glands with earthing facility at both ends of cables etc. complete as required.				
2.1	3.5 core 95 sq. mm.	No.	10		
3	Supply and fixing of perforated type GI cable trays of the following sizes as per specification.				
3.1	150 mm x 40 x 40 x 2 mm thick with 2 No. 6 mm dia threaded rod.	RM	40		
3.2	75 mm x 40 x 40 x 2 mm thick with 2 No. 6 mm dia threaded rod.	RM	30		
TOTAL CARRIED TO SUMMARY					
C.	SUPPLY, INSTALLATION OF MAIN DISTRIBUTION & FINAL DISTRIBUTION BOARD				

1	Design, manufacturing, supply, loading, unloading, shifting to location, inspection, installation, testing and commissioning of Main distribution panels/ sub-distribution panels fabricated out of <i>CRCA sheet steel not less than 14 gauge for load bearing members and 16 gauge for non load bearing member in cubicle formation, compartmentalized, form 3B type construction</i> , free standing floor mounted, dust and vermin proof (indoor application; IP-42) with reinforcement of suitable size angle iron, channel, 'T' sections and/ or flats wherever necessary. 3 mm thick cable gland plates shall be provided on top as well as at the bottom of the panels. Panels shall be treated with all anticorrosive process before powder coating as per specifications and final approved shade. The operating handle of the highest unit shall be at a height of 1.8 metre maximum and 300 mm minimum. Overall height of the panel shall not exceed 2.3 metre. 2 No. earthing terminals shall be provided for all distribution panels. Panels shall be suitable for 415V, 3 phase, 4 wire, 50 HZ supply system. Lifting hooks shall also be provided in case of large panels. Approval shall be taken for each panel in the form of shop drawings before fabrication.				
1.1	MAIN DISTRIBUTION BOARD:				
A.	INCOMERS - 2NO (1 No. for Mains & 1 No. for DG Power)				
a.	2 No. 125A 4P MCCB 25kA with adjustable thermal & Magnetic trip unit				
b.	2 Set- 0-125 Amps Meter (96 x 96mm) with 3 No. CT's, selector switch-AE make				
c.	2 Set- 0-500 V A.C. 50 Hz. Volt meter (96 x 96mm) with selector switch-AE make				
d.	2 Sets- ON - OFF Indication lights				
e.	2 Sets- R-Y-B (phase indication lights				
f.	1 No. 125Amps 4 pole Change over switch (On-Load type).				
B.	BUS BARS				
a.	1 Set - 200A, Aluminium Bus Bars				
C.	OUTGOINGS -				
a.	1 No. 63 Amps FP MCB's -10 kA (Raw Power DB)				
b.	1 No. 40 Amps FP MCB's -10 kA (Lighting DB)				
c.	1 No. 40 Amps FP MCB's -10 kA (UPS Incoming)				
d.	10 No. 32 Amps FP MCB's -10 kA (AC Outdoor Units)				
e.	8 No. 16/20/32 Amps DP MCB's (AC Outdoor Units)				
f.	1 No. 63 Amps FP MCB's -10 kA (spare)				
g.	1 No. 40 Amps FP MCB's -10 kA (spare)				
h.	1 No. 32 Amps FP MCB's -10 kA (spare)				
i.	3 No. 16/20/32 Amps DP MCB's (Spare)				
	Note:				

i.	Three phase indicating lamps shall be protected by 2 amps SP MCBs.				
ii.	b. ON / OFF indicating lights with control 2 Amps SP MCB's shall be provided for both incomer feeders.				
iii	Wiring and supply, installation of space heater, humidistat and control MCB's shall be provided all vertical sections.				
iv	Suitable danger board shall be provided.				
v	All bus bar section / backside panels shall have pad locking facility and hinged type door.				
vi	9 W fitting with CFL lamp, switch shall be provided in each vertical section.				
	Main Distribution Board as described above.	Set	1		
2	Supply, installation, testing and commissioning of the following FDB's pre fabricated & prewired out of 1.2 mm thick CRCA sheet steel, dust and vermin proof, double door construction, powder coated with approved shade and segregate phases. Approved lockable cover with padlocking arrangement, recessed in wall or surface mounted final distribution boards of the following description:				
2.1	UPS DB (10Way TPN DB)				
	TPN DB with 30 No. 10/16/20 SP MCB's with 1 No. 40 amps 4 Pole MCB as incomer & separate neutral link for each phase.	No.	1		
2.2	Lighting DB (6 Way TPN DB)				
	TPN DB with 18 No. 10/16/20 SP MCB's with 3 No. 40 amps DP RCCB of 30 mA leakage current including 1 No. 40 amps 4 Pole MCB as incomer with separate neutral link for each phase.	No.	2		
2.3	Raw Power DB (8 Way TPN DB)				
	TPN DB with 24 No. 10/16/20 SP MCB's with 3 No. 63 amps DP RCCB of 30 mA leakage current including 1 No. 63 amps 4 Pole MCB as incomer with separate neutral link for each phase.	No.	2		
3	MCB's in MS enclosure (For UPS and AC's O/D units				
3.1	40amps 4Pole	No.	1		
3.2	32amps 4Pole	No.	7		
3.3	16/20/ 25/32amps 2Pole	No.	7		
	TOTAL CARRIED TO SUMMARY				

D.	<u>EARTHING INSTALLATION (FOR DISTRIBUTION SYSTEMS, UPS SYSTEM, EPABX EQUIPMENT ETC.)</u>				
	Rates shall also include the following :				
a.	All fixing accessories such as brass saddles, brass screws rawl plugs etc.				
b.	Jointing by rivetting and brazing after rivetting in case of copper and welding / bolting in case of GI earthing.				
c.	Cutting chases holes and making good the same wherever required.				
d.	Effecting adequate and proper interconnections.				
e.	Use of copper thimbles.				
f.	Earthing system shall comply to IS:3043-1987.				
g.	All earthing pits shall be interconnected.				
h.	All equipment motors, DB's, panels to be connected on either ends (double earthing) with suitable strip / wires.				
i.	Copper earthing shall be provided for Transformer Neutral, UPS & Medical equipment / LV system only.				
j.	GI earthing shall be provided for Main LT panel,Transformer Body, elevator & escalator etc.				
k.	Soil resistivity test shall be conducted of the area where earth pits are to be located.				
D.	<u>EARTHING INSTALLATION (FOR DISTRIBUTION SYSTEMS, UPS SYSTEM, EPABX & MEDICAL EQUIPMENT .ETC.)</u>				
1	Supplying and fixing of following bare copper/GI strip including all necessary fixing accessories and effecting connections.				
1.1	20 x 3 mm thick GI strip. (Body Earthing DG Sets & Main Boards)	RM	90		
1.2	20 x 3 mm thick Copper strip.(DG Set neutral Earthing)	RM	40		
1.3	6 SWG GI wire	RM	105		

2	Providing earthing stations at locations as called for including providing and laying 600 x 600 x 3.15 mm Copper electrode with 2 Nos. 20 x 3 mm thick Copper stripe, from earth electrode to inspection chamber, 25 mm dia medium class G I pipe funnel with 20 gauge G I wire mesh, masonry chamber 450 x 350 mm with concrete base, CI Heavy Duty chequered plate manhole cover with frame and bitumastic paint and packing of mixture of charcoal and common salt around plate electrode complete with digging of pit upto permanent misture level but not less than 3 metres and back filling as required. (Isolator provided in Earth pit for testing purpose) (DG Set neutral Earthing)	No.	2		
3	Providing earthing stations at locations as called for including providing and laying 600 x 600 x 6.3 mm GI electrode with 2 Nos. 20 x 3 mm thick GI stripe, from earth electrode to inspection chamber, 25 mm dia medium class G I pipe funnel with 20 gauge G I wire mesh, masonry chamber 450 x 350 mm with concrete base, CI Heavy Duty chequered plate manhole cover with frame and bitumastic paint and packing of mixture of charcoal and common salt around plate electrode complete with digging of pit upto permanent misture level but not less than 3 metres and back filling as required. (Isolator provided in Earth pit for testing purpose)	No.	3		
TOTAL CARRIED TO SUMMARY					
<u>E. SUPPLY AND INSTALLATION OF LIGHTING FIXTURES</u>					
a.	This schedule of Quantities shall be read in conjunction with the technical specification, General & Special conditions as well as all tender drawings.				
b.	The rates shall include all components that may be required to make the supply & installation to make the complete in all respects complete in all respects such as :				
*	Including All lamps, accessories & electronic ballast unless otherwise specified.				
*	Internal wiring between accessories.				
*	Earthing terminal.				
*	Suitable length of GI down rod, hanger and connecting wires where called for.				
*	Wires for connecting the fixtures to the point through connector block.				
*	All metal blocks to serve as base of fixtures.				
*	Bonding with earth wires.				
b.	Drilling holes in supports wherever required.				

c.	Fixing clamps, GI bolts and nuts, brass screws, saddles, rawl bolts and other fixing accessories as required.				
d.	Testing of all fixtures & fans before and after installation.				
e.	Complete provision for installation.				
E.	SUPPLY AND INSTALLATION OF LIGHTING FIXTURES				
	Supply and installation of the following lighting fixtures with all fixing accessories etc. as required.				
1	4ft LED ceiling /wall surface mounted light fixture minimum system efficacy of 100 lm/W. The luminaire should have a color temperature of 5700K. The luminaire shall meet IP20 rating. The luminaire housing should made of anodised aluminium housing with a high efficiency diffuser. The total power consumption should not exceed 12W (including driver and suspension wire).Similar to Bajaj Make 1x40W LED Light-BCLAB SP 44L LED CW PC SD or equivalent including LED lamp complete with all accessories .	No.	13		
2	LED Recessed Downlighter with a nominal system lumen output of 1200 lumens and a minimum system efficacy of 100 lm/W. The luminaire should have a color temperature of 6500K and CRI>70. The luminaire shall meet IP20 rating with THD<10% and PF > 0.9. The luminaire housing should made of pressure die cast aluminium with a high efficiency diffuser. The total power consumption should not exceed 12W (including driver).Similar to Bajaj Make LED Light-BGSLO SLEEK 12W WH RD or equivalent including LED lamp complete with all accessories .	No.	134		
3	Recess LED 600x600mm fitting with nominal system lumens of 3600lm made of CRCA powder quoted finish with Fully Covered by PMMA Acrylic Lumio Diffuser, LED Used shall be SMD type and fixture should have minimum efficacy at System level (Not Chip Level) >=100lumens/watt, Life of fixture 50000hrs@L70% Lumen maintenance, CCT up to 5700, CRI >80, PF >0.95, an operating Voltage Range of 140 - 270 V.Minimum Internal Surge Protection 2.5KV The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, Maximum Wattages 36W, Minimum system Lumens 3600lm. Bajaj Make LED Light-BGSLO SLEEK 12W WH RD or equivalent including LED lamp complete with all accessories .	No.	52		
4	LED cove strip lightincluding divers gent. including LED lamp Bajaj Make complete with all accessories .	Mtr	200		
5	Supply of 1200 mm sweep ceiling Fan including all accessories complete as required. (without fan speed regulators)	No.	2		
6	S/I/T/C Wall mounting fan 400 mm dia 230 volt A.C.	No.	32		
7	Supply of following sizes Exhaust Fan including all accessories complete as required.				
7.1	305mm Sweep heavy duty	No.	3		

7.2	230mm Sweep heavy duty	No.	2		
	TOTAL CARRIED TO SUMMARY				

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUB:- AC WORK

ARCHITECT :- BURMAN ET.AL.

SL No:	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	Supply of Inverter Cassette AC cooling only with dual rotor Inverter super 360 degree air flow .Turbo Cooling with smart protection technology , Ultra slim design .100% Copper condenser.Warranty on Compressor will be 5 years . (Make - Blue Star)				
1.1	2.0 TR Cassette Airconditioning	Nos.	8		
1.2	3.0 TR Cassette Airconditioning	Nos.	4		
2	Supply of Inverter 5 Star Split AC with superior Anti Rusting coating to ensure Rust free. Heavy Duty outdoor unit designed to cool even at 52°C, Conformal coating on Pcb to protect from dust & humidity & weather proof enclosures for critical components for long realibility. (Make - Blue Star)				
2.1	1.0 TR Inverter Airconditioning	Nos.	0		
2.2	1.5 TR Inverter Airconditioning	Nos.	0		
2.3	2.0 TR Inverter Airconditioning	Nos.	0		
	Total (A)				
3	Installation testing comisioning of Cassette AC				
	Cassatte AC	Nos	12		
4	Installation testing comisioning of Hi -Wall Split AC				
	Hi -wall Split ac	Nos	5		
5	Supply installation testing & comisioning of, Voltage Stabilizer of approved make				
b	4 KVA split AC	Nos	0		
	Note: All voltage stabilizer is sufficient for, A.C.should have time delay facility.		.		
6	Supply of Copper Refrigerant piping with insulation for cassette air conditioners				
A	2.0 Cassette AC	Rmt	175		
B	3.0 Cassette AC	Rmt	80		
7	Supply of Copper Refrigerant piping with insulation for Hi - Wall Split AC				
A	Copper pipe for split ac	Rmt	80		
8	Drain Piping Hard PVC insulated drain water piping wrpk of size 32/25 mm for Casserre AC complete fitting Etc.				
a	for Cassette AC	Rmt	180		
b	for split AC	Rmt	60		
9	Electric cabling interconnecting IDU & ODU for Cassette AC				
A	2.0 Cassette AC	Rmt	140		
B	3.0 Cassette AC	Rmt	60		
10	Electric cabling interconnecting IDU & ODU for Split AC				
a	For Split AC	Rmt	80		

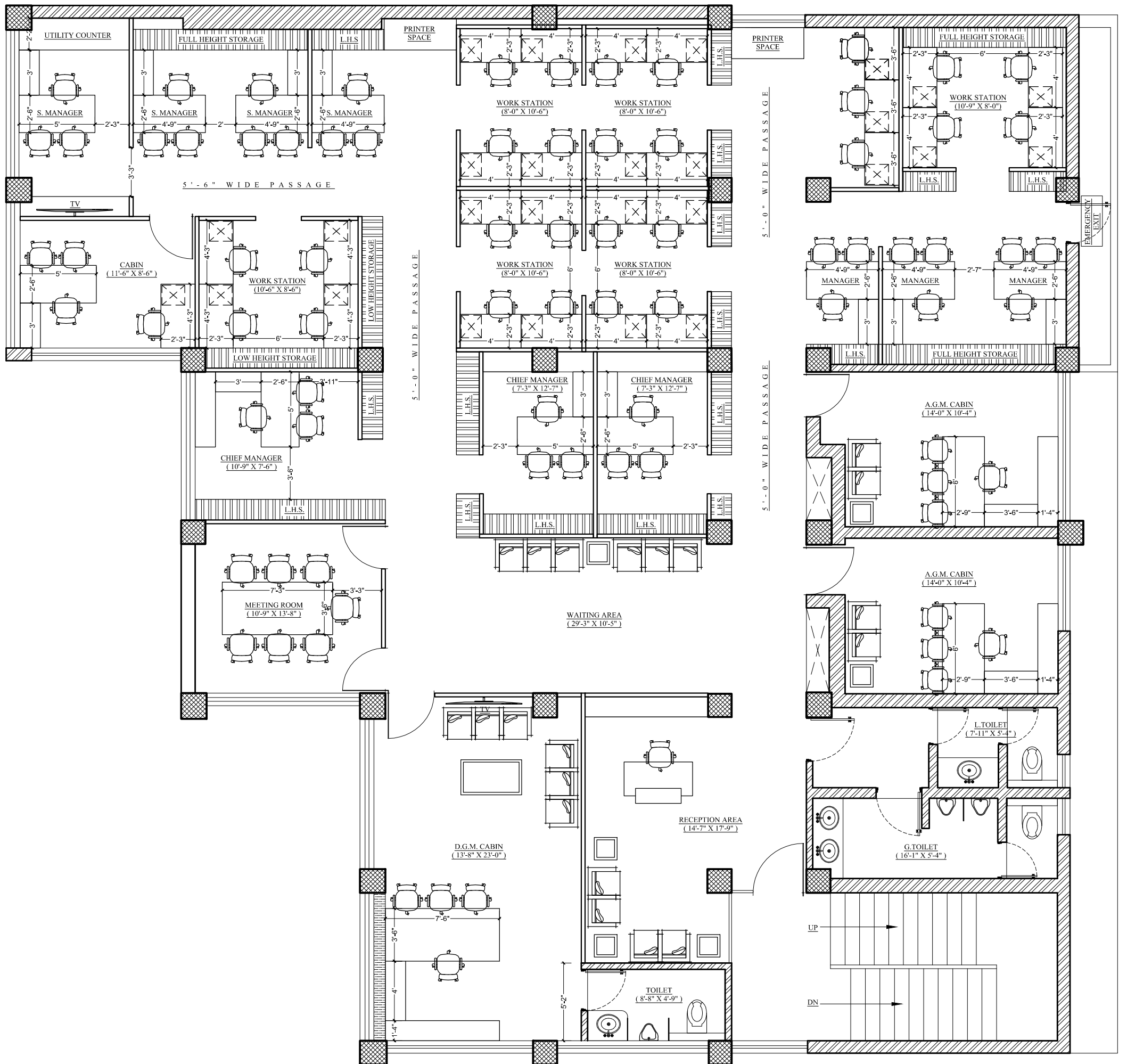
11	Civil Work For cutting Chisling Plastering of walls to conseal copper pipe, Drain pipe & Electrical wire with plaster finish.	LS	1		
12	Phase Reversal for 3 Phase 3.0 Tr. Cassette AC	Nos	12		
	TOTAL (B)				
	TOTAL (A+B)				

PROJECT: UNION BANK OF INDIA AT REGIONAL OFFICE KARNAL.

SUB:- DATA SYSTEM

ARCHITECT :- BURMAN ET.AL.

SL No:	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	Providing and laying UTP CAT 6 data cable for nodes through 25mm dia PVC conduit through floor, wall and partitions etc including all necessary materials from main Hub to building tag block (BSNL)	400	rmt		
2	Wiring for computer networking from I/O hub to computer workstation with UTP Cat -6 computer cable including providing ferrules at both ends and termination at both ends including providing & fixing frame for with shutter , RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes providing PVC conduits (1/2" , 3/4" size or as required) in chases from the I/O hub to the point.The cost includes testing, commission etc complete. Note : Do not run more than more than 3 wire in single pipe & should be concealed	48	nos.		
3	Supply of CAT-6 Dlink Patch Cord 7 ft	48	Nos.		
4	Supply of CAT-6 DLink Patch Cord 3 ft	48	Nos.		
5	Supply/Fixing of CAT-6 Jack Panel 48 Port	1	Nos.		
6	Size19" Rack 9U with Glass Door , Locking system Make: APW	1	Nos.		
7	S/F 48 Port D Link switch	1	No.		
	TOTAL				



PROJECT:-

**PROPOSED REGIONAL OFFICE OF
UNION BANK RO AT KARNAL,
HARYANA.**

SHEET TITLE:

REV. INTERIOR LAYOUT PLAN
SECOND FLOOR

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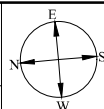
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Date:- 04.01.2024.

Dealt :- Deepak Singh Negi

Checked :- J. Burman Roy

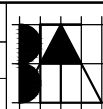
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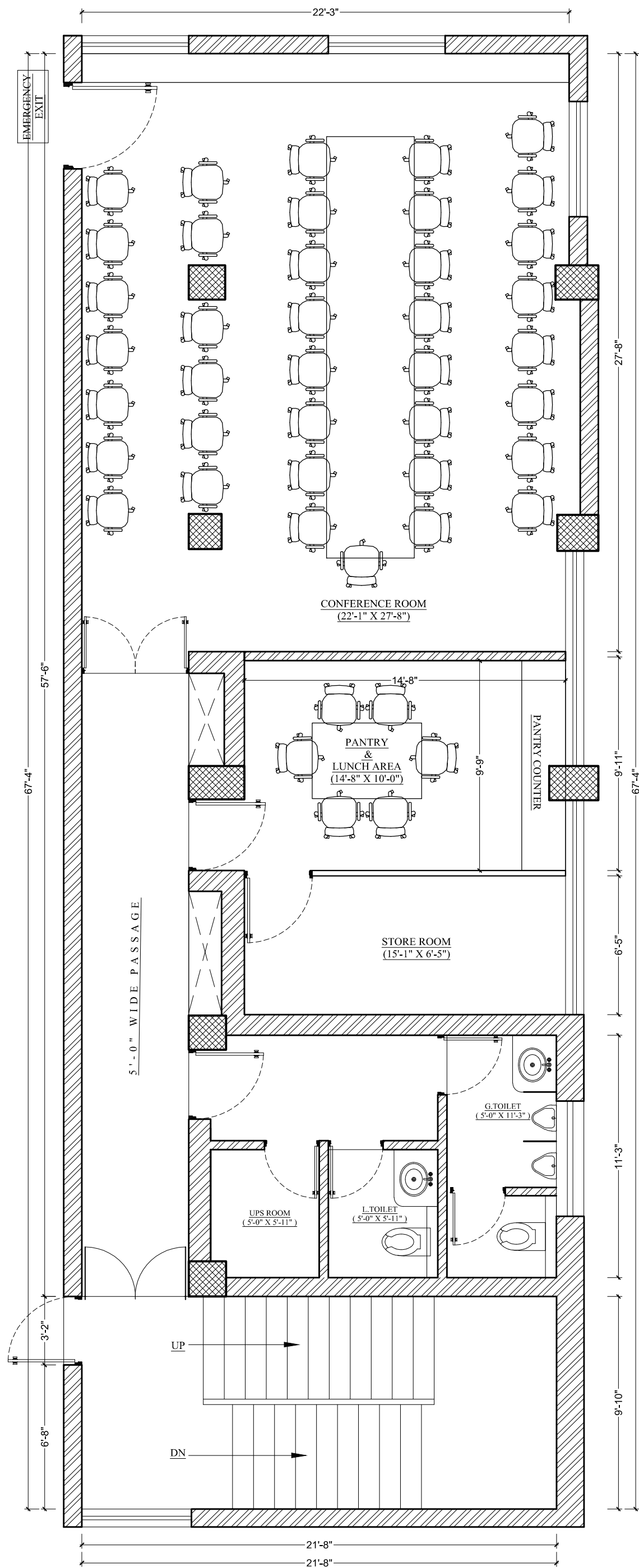
Charmwood Village, Surajkund Road,

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Tel : 0129-4876589, (M) : 9811210589, 8800147589.

Email:- burmanetal2008@gmail.com,

jburmanroy@gmail.com, burmanetal2008@gmail.com



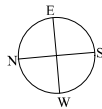
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SHEET TITLE:

PROPOSED INTERIOR LAYOUT PLAN
SECOND FLOOR

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Revision No

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Description

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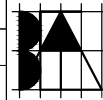
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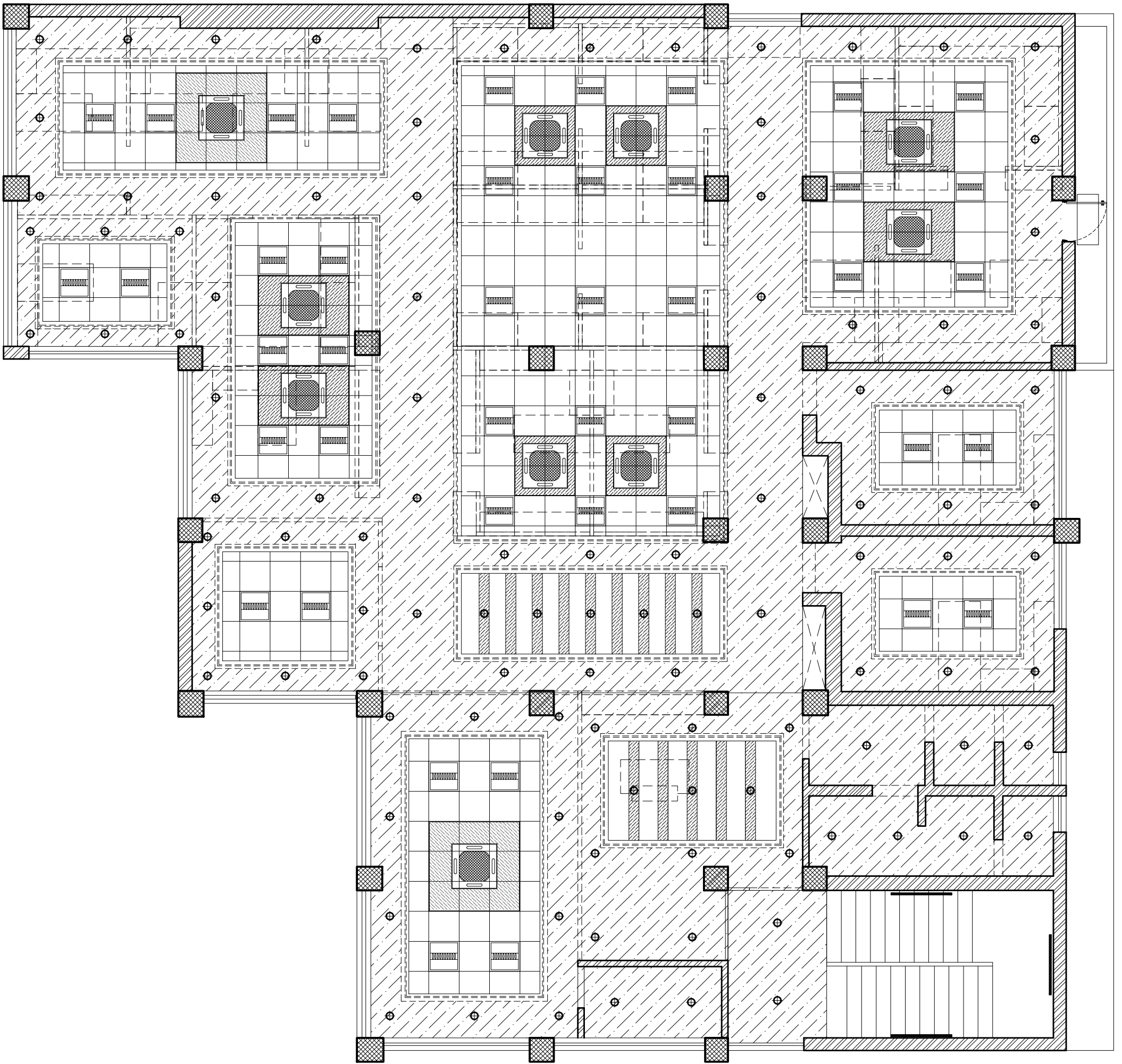
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Tel : 0129-4876589, (M) : 9811210589, 8800147589.

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PROJECT:-

**PROPOSED REGIONAL OFFICE OF
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SHEET TITLE:

RCP LAYOUT PLAN
SECOND FLOOR

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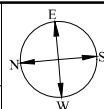
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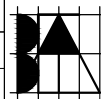
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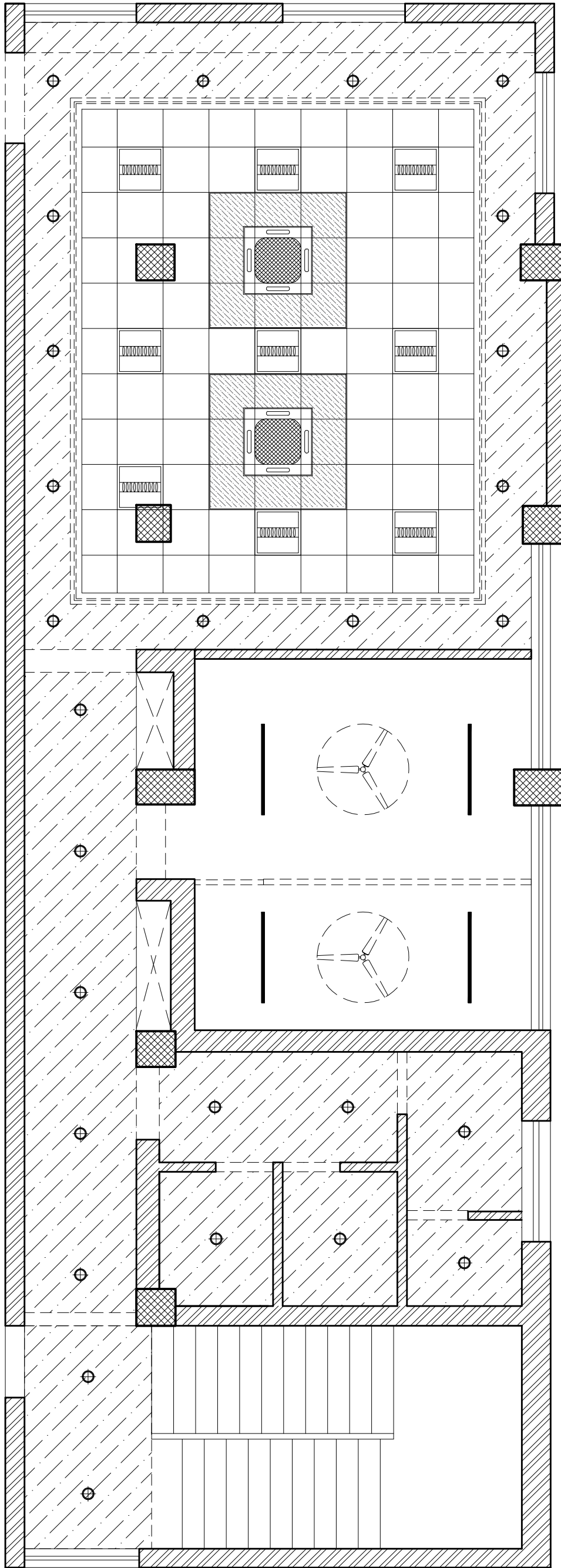
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PROJECT:-

**PROPOSED REGIONAL OFFICE OF
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SHEET TITLE:
RCP LAYOUT PLAN
SECOND FLOOR

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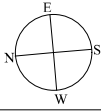
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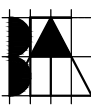
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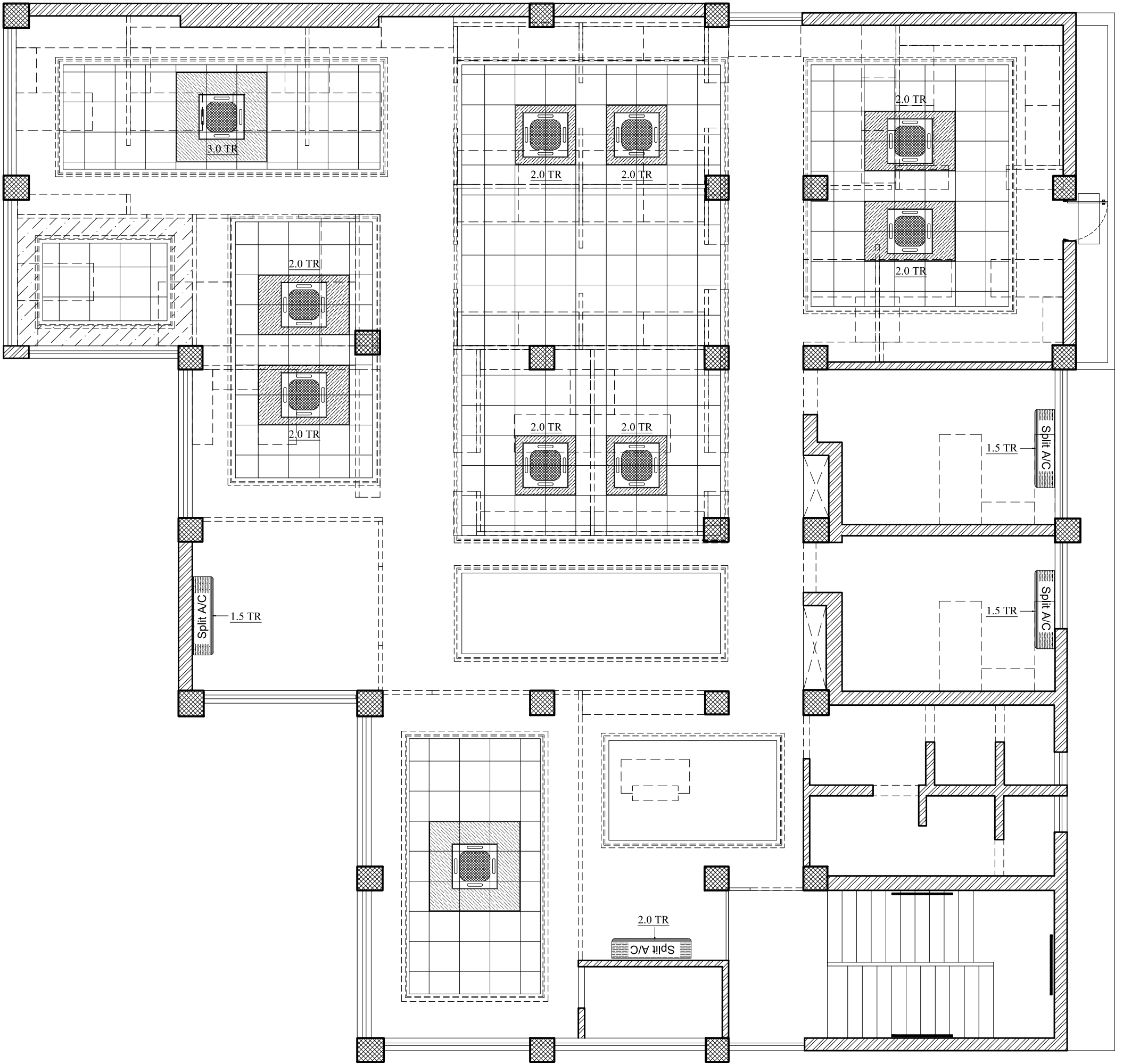
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jburmanroy@gmail.com, burmanetal2008@gmail.com



PROJECT:-

**PROPOSED REGIONAL OFFICE OF
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SHEET TITLE:

AC LAYOUT PLAN
SECOND FLOOR

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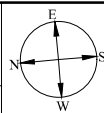
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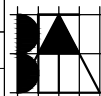
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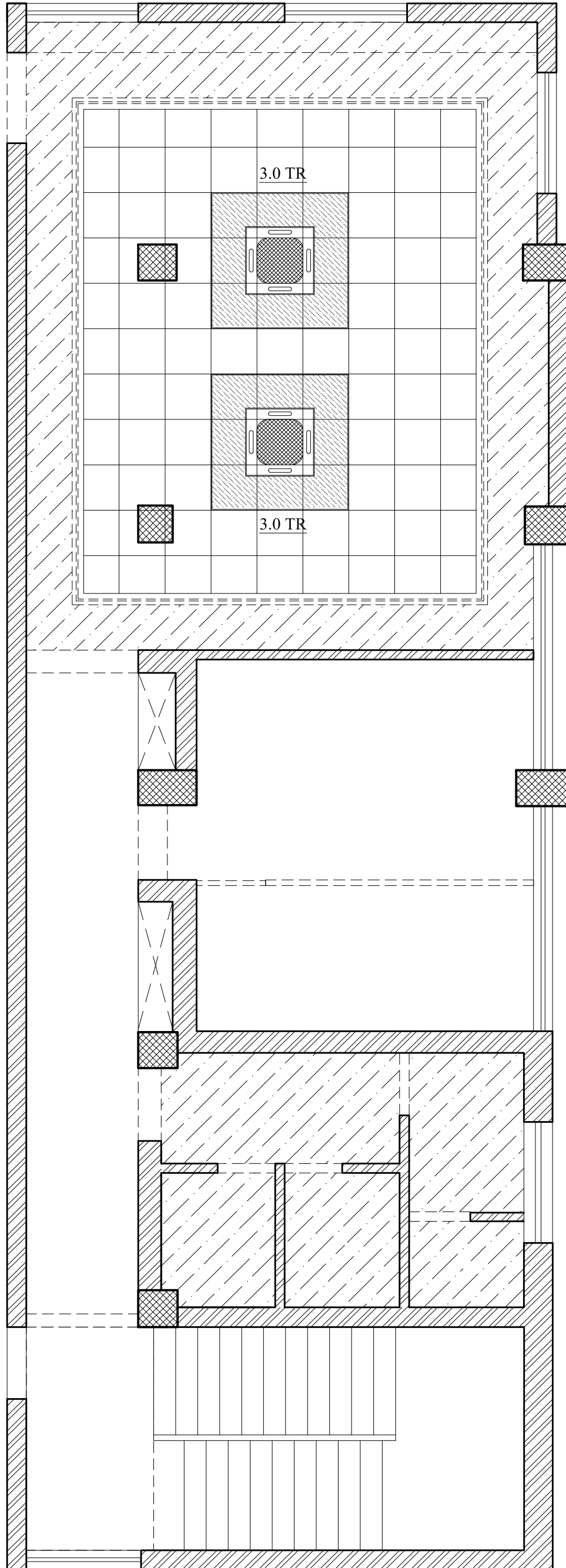
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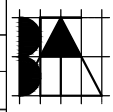
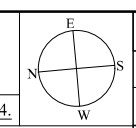
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PROJECT:-
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SHEET TITLE:		Revision No	Date	Description
AC LAYOUT PLAN SECOND FLOOR				
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