

# UNION BANK OF INDIA

## REGIONAL OFFICE - COIMBATORE

1087D, 3<sup>rd</sup> Floor, Krishna Towers,  
Pappanaickenpalayam,  
Avinashi Road, Coimbatore - 641037.  
Phone : 0422-2240306 / 332

[cmpndrocoimbatore@unionbankofindia.bank](mailto:cmpndrocoimbatore@unionbankofindia.bank)

## TENDER DOCUMENTS

### FOR

CONSTRUCTION OF STRONG ROOM AT BASEMENT 1  
& ROOF GRILL WORKS OF COONOOR, MOUNT ROAD BRANCH (BR. CODE: 533441)

LOCATED AT

14/B, MOUNT ROAD, POST BOX NO. 24, UPPER COONOOR,  
DIST. NILGIRIS, 643101

ROC:PD:033:2024-25 dated 18.04.2024

From Bank's Empaneled Contractors - Category "A" Upto ₹40lacs & Category "B" Upto ₹15lacs and under  
Coimbatore Region only need to apply.

UNION BANK OF INDIA, REGIONAL OFFICE, COIMBATORE

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UNION BANK OF INDIA, REGIONAL OFFICE, COIMBATORE

I. **NOTICE INVITING TENDER**

1. Sealed tenders are hereby invited on behalf of Union Bank of India, Regional Office, for the proposed Civil Works of CONSTRUCTION OF STRONG ROOM AT BASEMENT 1 & ROOF GRILL WORKS OF COONOOR, MOUNT ROAD BRANCH (BR. CODE: 533441) LOCATED AT 14/B, MOUNT ROAD, POST BOX NO. 24, UPPER COONOOR, DIST. NILGIRIS-643101.
2. **Project Architect - Mr. Sabari (Mobile No.9524295969), M/s NR Raghuram & Co**, Address: "Narayan Niwas", D.No.17-1, 1<sup>st</sup> Floor, MKP Colony, Main Street, Ganapathy, Coimbatore - 641006. Ph: 0422- 2533891. In this document, wherever Architect is used refers to the Project Architect **M/s NR Raghuram & Co**. Similarly, the term "Bank" used refers to "Union Bank of India, Regional Office, Coimbatore".
3. The work to be completed within **15 Days** after the receipt of workorder.
4. The tender documents can be downloaded from Bank's website <http://www.unionbankofindia.co.in> or NIC portale-procure.gov.in.
5. Document Cost will be accepted in the form of Pay Order / Demand Draft only, payable at Coimbatore for the value of **Rs.1000/- per tender** set in favor of the Regional Office, Union Bank of India, Coimbatore and the same has to be submitted along with the filled tender documents Exemption of tender fees / EMD to MSME/NSIC/SSI registered firms will be allowed on submission of copy of Registration (Attested).
6. The tender documents shall be available from **22.04.2024 to 29.04.2024** and the last date for receipt of tender is **29.04.2024** up to 03:30 P.M. Tender opening date is **29.04.2024** at **04.00 P.M.** at Union Bank of India, Regional Office, Coimbatore.
7. The filled in tender documents must be submitted to The Chief Manager, Union Bank of India, Regional Office, 1087D, 3<sup>rd</sup> Floor, Krishna Towers, Pappanaickenpalayam, Avinashi Road, Coimbatore before 3:30 PM on **29.04.2024**. All the listed drawings are also to be returned duly signed by the tenderer.
8. The tender shall be submitted as per instructions with the name of the work super scribed on the envelopes written prominently. The full name and postal address of the tenderer shall be written on the bottom left hand corner of the sealed cover.
9. **Earnest Money Deposit (EMD) for this tender is Rs.6,500/-**.EMD is to be submitted along with the tender in the form of Pay Order / Demand Draft only in favor of Union Bank of India payable at Coimbatore. Tenders without Earnest Money Deposit shall be summarily rejected.
10. The EMD of the successful tenderer will be retained towards security deposit. The Earnest Money Deposit (EMD) will form part of the performance guarantee, which shall not bear any interest. This amount will be refunded only after virtual completion of the work.
11. **Exceptions and deviations which tenderer may desire to stipulate:** Tenderers are advised to submit the tenders strictly based on the conditions of contract and specifications contained in the tender documents and not to stipulate any deviations. Should it however, become unavoidable, deviations may be stipulated. The Bank reserve the right to reject such deviations or evaluate the cost for such deviation as may be determined by the Bank.
12. Tender documents shall be signed wherever provided for and all pages of tender documents shall be initialed at the lower right corner by the tenderer.
13. This tender document shall form part of the contract and subject to the bank norms/rules/conditions.

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**PROCEDURE OF SUBMISSION OF TENDER DOCUMENTS**

- a) Availability of Tender document : To be downloaded from Bank's Website <http://www.unionbankofindia.co.in>  
or NIC portal [e-procure.gov.in](http://e-procure.gov.in)  
From 22.04.2024 to 29.04.2024
- b) Submission of Tender document : The Chief Manager,  
Union Bank of India, Regional Office,  
1087D, 3<sup>rd</sup> Floor, Krishna Towers,  
Pappanaickenpalayam, Avinashi Road,  
Coimbatore - 641037.  
On or before 29.04.2024 upto 14.00hrs
- c) Opening of the tender: The Chief Manager,  
Union Bank of India, Regional Office,  
1087D, 3<sup>rd</sup> Floor, Krishna Towers,  
Pappanaickenpalayam, Avinashi Road,  
Coimbatore - 641037.  
On 29.04.2024 at 16.00 hrs
- d) Mode of Submission of tender : The tender shall be submitted in sealed envelope of appropriate size,  
which shall be marked as "Tender for CONSTRUCTION OF STRONG ROOM  
AT BASEMENT 1 & ROOF GRILL WORKS OF COONOOR, MOUNT ROAD  
BRANCH (BR. CODE: 533441).

The employer does not bind itself to accept the lowest tender and reserves to itself the right to reject any or all tenders received without assigning any reasons thereof. The notification of award of the contract will be made to the successful tenderer in writing by the consultant.

FOR UNION BANK OF INDIA

CHIEF MANAGER

DATE: 20.04.2024

UNION BANK OF INDIA, REGIONAL OFFICE, COIMBATORE

II. FORM OF TENDER

To  
The Chief Manager,  
Union Bank of India  
Regional Office,  
COIMBATORE.

Dear Sir,

With reference to the tenders invited by you on behalf of the Chief Manager, Union Bank of India, Regional Office, Coimbatore for the proposed Civil Works of CONSTRUCTION OF STRONG ROOM AT BASEMENT 1 & ROOF GRILL WORKS OF COONOR, MOUNT ROAD BRANCH (BR. CODE: 533441) LOCATED AT 14/B, MOUNT ROAD, POST BOX NO. 24, UPPER COONOR, DIST. NILGIRIS-643101.

I / We the under signed hereby tender and undertake to execute the works under the contract as the rates quoted by me/us in the schedules of quantities and on the terms and conditions with this tender.

I / We have carefully studied and understood the plan, drawing, terms and conditions, schedule of works and have acquainted myself / ourselves with the site conditions.

I / We agree to complete the works within 15 days including the mobilization period from the date of issue of the workorder.

I / We do agree for the amount of 5 (five) percent of the total amount of work done deducted proportionately from the interim bills shall remain with the Bank as retention money till the Defects Liability Period is over and the amount shall bear no interest.

I / We do agree to retain the earnest money deposit of (EMD) of Rs.6,500/-as part of the performance guaranty which shall not bear any interest.

It is understood by me / us that the lowest or any tender will not necessarily be accepted. I / We adhere to the bank norms/rules relating to tender.

Yours faithfully,

Signature of Contractor (s) Date:  
Place:  
Address:

### III. CONDITIONS OF CONTRACT

1. Tender documents shall be signed wherever provided for and all pages of tender documents shall be initialed at the lower right corner by the tenderer. Tenders not so signed shall be rejected. The tenders shall be submitted in sealed covers to the office of The Chief Manager, Union Bank of India, Coimbatore on or before **29.04.2024 up to 3:30P.M**
2. Tenderers that do not fulfill any of the conditions mentioned herein shall be rejected.
3. Fluctuations in the prices of any materials or equipment or labour etc., shall not be taken into account either for compensation for damage or for extra. The validity of the tender for acceptance shall be 15 days from **29.04.2024**.
4. Watch and ward in respect of all plants and machinery at site for use in work shall be the contractor's sole responsibility.
5. The contractor shall have to make his own arrangements to house his labor and staff and for their services.
6. All instructions regarding the execution of work shall be received from the Project Architect. Any other instructions issued directly to the contractor by anyone else shall not be binding on the Bank.
7. During execution of works the contractor must check his work with the drawings. In case of any discrepancy between the actual site conditions and that detailed in the drawings, the matter should be brought to the notice of the Architect or his representative before executing the work. The contractor shall be responsible for all the errors in this connection and will have to rectify all defects at his own cost, failing which the Bank reserves all rights to get the same rectified at the risk and cost of the contractor.
8. The contractor entrusted with the work shall indemnify the Bank and the Architects against theft, mishaps in construction and injury to workmen, damage to persons, property etc. He shall make good the damage at his own expense.
9. The Bank shall have the power to omit or cancel, add / or alter any item of the work without assigning any reason whatsoever and no claim for compensation for damage will be entertained for such omissions, alterations and cancellations other than taking into account the cost involved for such changes to be plus or minus, and the cost shall be arrived at by the Architects taking into consideration the market rate, site condition etc.
10. Time is the essence of the work. All the works shall have to be completed within the stipulated time from the date of issue of work order. If the work is not completed within the aforesaid period, the contractor shall pay the Bank and the Bank shall be entitled to deduct from the money due to the said contractors the sum of 1% of contract value per week of delay or part thereof, subject to a maximum limit of 10% of the contract amount.
11. The contractor shall maintain satisfactory progress of work as well as maintain the desired standard of workmanship. A meeting to review the progress of work will be held at this office on all Mondays at 4.00 PM, which shall be mandatorily attended by the Contractor and Architect. If Monday happens to be a public holiday, meeting will be held on the next working day. The contractor shall submit weekly progress reports to the Architect & Bank in the format approved by the Bank / Architect prior to the meeting.
12. If in the opinion of the Architect or Bank, the progress is unsatisfactory, the Architects shall advise the Bank to take possession of the work in as and where condition with 7 days notice to that effect. The Bank shall then complete the entire work and rectify all the defects at the contractors cost and consequence.
13. In case the Bank / Architects are not satisfied with the quality of materials used by the contractors, they reserve the right to reject such materials / work and direct the contractors, to procure such supplies from agencies they deem fit.
14. It is agreed that if the works are delayed (1) by force majeure or (2) by reasons of any exceptionally inclement weather or (3) by reasons of loss or any damage by extensive fire not caused by an act or a default on the part of the contractor, by earthquake or civil commotion, strikes or lockouts affecting any of the trade employed upon the works then the Bank shall make fair and reasonable extension of time for completion of works. Upon the happening of any such event, causing delay, the contractor shall immediately give notice thereof in writing to the Bank and the Bank in all such eventualities agrees, without accepting any contractual obligations in this behalf, to assist the contractor to the utmost extent possible to meet the situation. If no such notice as mentioned above is given within 7 days of happening of such event, no consideration for extra time on this account will be given. No claim for damage or compensation will be entertained on this account and the decision of Bank/Architect will be final and binding on the contractor.
15. The contractor shall submit the bills for payments along with detailed statement showing the actual works carried out under different heads of items. Maximum value of the work for interim payment shall be **60% of work order amount.** The bills for non-perishable materials on site may also be submitted and the payment by the Banks against the same shall be to the maximum extent of 75% of the value of these materials, solely at the discretion of the Banks.

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16. The contractor shall clear the site of works as per the instruction of the Bank/Architects. The site of works shall be cleared of all men, materials etc. belonging to the contractor. The site shall be delivered in broom clean and neat condition immediately after the job is completed. In case of failure by the contractor the Bank shall have the right to get the site cleared at the risk and cost of the contractor.
17. The contractor shall not without the written consent of the Bank / Architects assign the agreement or sublet any portion of work.
18. The quoted rates shall be all inclusive and cover the cost of all materials, freight, all types of taxes, duties, royalties, erection, construction, testing of materials samples brought for approval, settings up mock up samples for approval, tools and tackles, plant and equipment, supervision, overheads, profit and any other expenditure incurred for completion of work as per drawings and specification.
19. The final bill from the contractor shall not be entertained under any circumstances without full completion of all the items of work. Any work found defective or wrongly carried out, are to be rectified or replaced prior to submission of the final bill. It is to be expressly noted that no final bill will be held valid in the event of no rectification of defective or wrongly carried out items and the completion date shall not on this account be extended. Defects liability period will be effective from the day of satisfactory completion of all items of work, as may be certified by the Architects.
20. In the event of work being executed on holidays and during or beyond the normal office working hours which might be required for the completion of the work, within the stipulated time, utmost care to be taken not to disturb the normal working of the office, neighboring offices of such a situation exists.
21. While executing the work, considerable amount of shifting and re-shifting of several furniture items are likely to be involved. It is also likely that some of the items might be required to be temporarily shifted elsewhere in the premises on any other floors. These shall be done by the contractor, and no payment against these works shall be separately paid by the Banks.
22. The Contractor shall acquaint himself with the site conditions, local traffic regulations local authority regulations, availability of materials, labor tax structure, etc and quote rate accordingly. No extra charge/ increase in rates shall be allowed in any of these or any other account.
23. The Contractor shall have a competent supervisor on the Site at all the times.
24. The Contractor and / or his authorized representative will attend all the meetings wherever called for and the decision taken in meeting will be binding on the contractor.
25. The Contractor shall extend all necessary help to the agencies of associated works like A/C. works, Electrical works, fire detection works and works to be carried out by the landlord's agencies or other Agencies / contracted by the Bank in such a manner that they can carry out their works smoothly and the whole finished work must appear absolutely integrated. Nothing extra shall be paid on the account whatsoever.
26. Figured dimensions in all cases to be followed and in no case should they be scaled. Large scale details take precedence over small scale drawings. In case of any ambiguity, conflict of interpretation, generally the provisions giving more rigorous interpretation shall prevail, and the Architect's decisions in this regard shall be final and binding.
27. In case any Municipal / Local Authorities approval is necessary then it shall be the contractor's responsibility to get it approved and all expenses incurred thereof shall be borne by them.
28. In case the local authorities such as Ward Office raise objections in matters of water/electricity consumption, debris disposal etc the contractors shall solve the matter at their end without involving or putting financial liability on the Bank.
29. The contractor shall be bound to carry out any extra items of work, and wherever possible, the rate for extra item shall be derived from the rate already quoted, otherwise the rate shall be worked out at cost of material + labour + 15% towards overheads, wastage, transportation and profit, if required.
30. Rate for extra items (readymade) directly bought by the contractor shall be allowed based on cost of material.
31. Variation and extra items if any, up to a value of Rs. 5000/- shall be carried out under specific written instructions by the Architects. However, such items of value in excess of Rs. 5000/- shall be carried out under prior sanction by the Bank. Sanction for all items shall be sought by the contractor within seven days from the occurrence of such necessity.
32. The rates shall be entered in figures as well as in words.
33. Water for consumption by the contractor is to be arranged by the contractor at his own cost.
34. The contractor shall be given a single electrical connection at the work site. Electrical charges for consumption will be charged separately by Union Bank of India at the applicable rate.

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35. When the works are complete in all respects, the contractor shall intimate in writing to the Architect and the Bank to enable the Bank to take the possession of the same. The works shall not be considered virtually complete until the Banks and the Architects have jointly inspected the works and certified in writing that this has been completed.
36. Unless otherwise instructed, the contractor shall insure the work and keep them insured comprehensively, against loss or damage by fire and / or earthquake and flood, until the virtual completion certificate is used. The insurance must be placed with a company approved by the Bank in the joint names of the Banks and the contractor for such amount and for any further sum if called to do by the Banks. The premium for such further sum shall be allowed to the contractor as an authorised extra. All the Banks supplied items forming a part of erection contract shall basically constitute these, once they are handed over to the contractor from the Banks stores. The contractor shall deposit the policy along with all amendments and the receipts for premium paid with all amendments and the receipts for premium paid with the Banks within 10 days from the date of issue of work order unless otherwise instructed.
37. All quantities mentioned in the BOQ are approximate and contractor will not claim any damages for increase / decrease in profit.



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**IV. SAFETY CODE**

The chapter mainly deals with the general safety measures to be adopted at Construction site.

**Scaffolds:** All personnel at site should be provided with helmet and safety boots with some identification mark. Visitors also should be provided with helmets. It should be ensured that these are used properly. Also, suitable first aid box should be kept at site with all requisite materials. No one should be allowed to inspect/ work at a height without safety belt.

1. 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 ¼ to 1(1/4 horizontal and 1vertical).
2. Scaffolding or staging more than 4 m. Above the ground floor, swung or suspended from an overhead support or erected with stationery support shall have a guard rail properly 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.
3. 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 above.
4. 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 1m.
5. 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.
6. 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.
7. A sketch of the ladders and scaffolds proposed to be used shall be prepared and approval of the Engineer obtained prior to construction.

**Other Safety Measures:**

1. 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.
2. 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.

**Excavation and Trenching**

1. 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 bottom 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 slope or securely held by timber bracing so as to avoid the danger of sides 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.
2. The contractor shall take all measures 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.

**Demolition:** Before any demolition work is commenced and also during the process of the work:

- All roads and open areas adjacent to the work site shall either be closed or suitably protected.
- 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.

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- 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.

**Personnel Safety Equipments**

1. 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, and the contractor should take adequate steps to ensure proper use of equipment by those concerned.
2. Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
3. 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.
4. Those engaged in welding works shall be provided with welder's protective eyesight lids.
5. Stonebreakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
6. 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.
7. The contractors 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 of 18 are employed on the work of such painting the following precautions should be taken:
  - No paint containing lead or lead products shall be used except in the form of paste or readymade paint. Paints like vinyl and epoxies having toxic fumes should be applied after following all precautions laid down by manufacturers.
  - Suitable face masks should be supplied for use by the workers when paint applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
  - 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.
8. When the work is done near any public place where there is risk of drowning 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.

**Hoisting Machines**

1. Use of hoisting machines and tackle including their attachments anchorage and supports shall conform to the following standards or conditions:
  - 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.
  - 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.
2. Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years shall be in charge of any hoisting machine including any scaffolding winch or give signals to operator.
3. 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.
4. 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 it verified by the Engineer concerned.
5. Motors, gearing, transmission, electric 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

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electricity.

6. Adequate washing facilities should be provided at or near places of work.
7. 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.
8. 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 Labor Officer, Engineers of the Department or their representatives.
9. Any other precautions and safety measurements required for the said work should be taken by the contractor.
10. Notwithstanding the above, there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the Republic of India.

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**V. MODEL RULES FOR THE PROTECTION OF HEALTH AND SANITARY ARRANGEMENTS FOR WORKERS**

**1. Application:**

These rules shall apply to the contractor of Civil Works, Union Bank of India, Main Branch, Coimbatore.

**2. Definition**

- a) "Work place" means a place at which, at an average 50 workers is employed in connection with construction work.
- b) "Large work place" means a place at which average 500 or more workers are employed in connection with construction work.

**3. First Aid**

- c) At every work place, there shall be maintained in readily accessible place first aid appliance including an adequate supply of sterilized dressings and sterilized cotton wool. The appliance shall be kept in good order and in large work they shall be placed under the charge of a responsible person who shall be readily available during working hours.
- d) At large work places, where hospital facilities are not available within easy distance of the works, first aid posts shall be established and be run by a trained compounder.
- e) Where large work places are remote from regular hospitals, an indoor ward shall be provided with one bed for every 250 employees.
- f) Where large work places are situated in cities, towns in their suburbs and no beds are considered necessary owing to the proximity of city or town hospitals, suitable transport shall be provided to facilitate removal of urgent cases to the hospitals.

At other work places, some conveyance facilities, such as a car, shall be kept readily available to take injured person or persons suddenly taken ill to the nearest hospital.

**4. Drinking Water**

- a) In every work place, there shall be provided and maintained at suitable places easily accessible to labor sufficient supply of cold water fit for drinking.
- b) Where drinking water is obtained from an intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.
- c) Every water supply of storage shall be at a distance of not less than 15 m. From any latrine, drain or other source of pollution. Where water has to be drawn from an existing well which is within the proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap door which shall be dust and waterproof.
- d) A reliable pump shall be fitted to each covered well, the trap door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

**5. Washing & Bathing Places**

- a) Adequate washing and bathing places shall be provided, separately for men and women.
- b) Such places shall be kept in clean and drained condition.

**6. Scale of Accommodation in Latrines & Urinals**

There shall be provided within the precincts of every work place latrines and urinals in an accessible place, and the accommodation, separately for each of them shall not be less than the following scale:

	No. Of Seats
a) Where the number of persons does not exceed 50	- 2
b) Where the number of persons exceeds 50, but does not exceed 100	- 3
c) For every additional 100	- 3 per 100

In particular cases, the Engineer shall have the powers to vary the scale where necessary.

**7. Latrines & Urinals for Women**

If women are employed, separate latrines and urinals screened from those for men and marked in the vernacular in conspicuous letters "For Women Only" shall be provided on the scale laid in Rule 6. Those for men shall be

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similarly marked "For Men Only". A poster showing the figure of a man or a woman shall also be exhibited at the entrance of latrines for the respective sex. There shall be adequate supply of water close to the urinals and latrines.

**8. Latrines &Urinals**

All latrines shall be provided with septic tanks or leach pits in case of small units. All the latrines shall be kept in good sanitary condition.

**9. Construction of Latrines**

The inside walls shall be constructed of masonry or some suitable heat resisting non-absorbent materials and shall be cement washed inside and outside at least once a year. The dates of cement washing shall be noted in a register maintained for this purpose and kept available for inspection. Latrines will not be of a standard lower than bore-hole system and should have thatched roofs.

**10. Disposal forExcreta**

Unless otherwise arranged for by the local sanitary authority, arrangements for proper disposal of excreta shall be made by septic tank or leach pit duly approved by the Engineer and in conformity with the requirements of local public health authorities.

**11. Provision of Shelter DuringRest**

At every work place there shall be provided free of cost, two suitable sheds, one for meals and the other for rest separately for men and women for the use of labor. The height of the shelter shall not be less than 3.5 m. From the floor level, to the lowest part of the roof. The sheds should be roofed with at least thatch and mud flooring will be provided with a dwarf wall around not less than 750 mm. Sheds should be kept clean and the space should be on the basis of at least 0.50 square meter per head.

**12. Crèches**

a) At every work place, at which 50 or more women workers are ordinary employed, there shall be provided two huts for the use of children under the age of 6 years belonging to such women, one hut shall be used for infants' games and play and the other as their bed room. The huts shall not be constructed on a lower standard than the following:

- i. thatched roof
- ii. mud floors and walls
- iii. planks spread over the mud floor and covered with matting.

The huts shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweepers to keep the place clean. There shall be two dais in attendance. Sanitary utensils shall be provided to the satisfaction of the Health Officer of the area concerned. The use of the hut shall be restricted to children, their attendants and mothers of the children.

- a) where the number of women workers is more than 25 but less than 50, the contractor shall provide at least one hut and one dai to look after the children of women workers.
- b) The size of crèche or crèches shall vary according to the number of women workers.
- c) The crèche or crèches shall be properly maintained and necessary equipment like toys etc. Shall be provided.

**13. Canteen**

A cooked food canteen on a moderate scale shall be provided for the benefit of workers wherever it is considered expedient.

UNION BANK OF INDIA, REGIONAL OFFICE, COIMBATORE

**VI. APPENDIX "A" - MEMORANDUM TO CONDITIONS OF CONTRACT**

1	Date of Commencement	:	Immediately with issue of workorder
2	Date of Completion	:	Work to be completed within 15 Days of after the receipt of workorder
3	Liquidated Damages	:	1%of the accepted contracted value per week of delay or part thereof subject to maximum of 10% of the accepted contract value.
4	Defects Liability period	:	12 months
5	Value of work for interim payment	:	60% of work order amount
6	Retention Money	:	5% of value of work (in addition to Earnest money and Security deposit) to be deducted from the running bills
7	Retention after virtual completion	:	5% of the total billed (certified) amount to be refunded on successful completion of defect liabilities period.
8	Period for honoring certificates for payment by the Bank	:	15 days (after receipt of certificates from Architects by the Bank.)
9	Period for honoring final bill.	:	20 days after receipt of certificate from the Architect
10	Insurance	:	Workers' insurance, contractor's risk policy

We agree to the terms incorporated in the above 'Appendix' - 'A'

Date:

Signature of Contractor (s).

## VII. GENERAL SPECIFICATIONS AND MODE OF MEASUREMENT

### (A) GENERAL SPECIFICATIONS FOR CIVILWORKS:

1. These specifications are for work to be done, items to be supplied and materials to be used in the works as shown and defined on the drawings and described herein, to the satisfaction of the Bank / Architect

The workmanship is to be the best possible and of a high standard. The contractor shall get the materials approved from the Bank / Architect and in conformity with specification and approved list of manufactures and brand. The contractor shall produce all invoices, vouchers or receipts for any materials if called upon to do so by the Bank / Architect.

Samples of materials are to be submitted to the Bank / Architect for their approval before the contractor orders or deliver the materials to the site. Samples together with their packing are to be provided free of charge by the Contractor and should any materials be rejected they will be removed from the site at the contractors expense.

All samples will be retained by the Banks / Architects for comparison with materials which will be delivered at site. Also the contractor will be required to submit specimen finishes of colours, fabrics etc. for the approval of the Banks / Architects before proceeding with the works.

The contractor shall be responsible for providing and maintaining temporary covering required for the protection of finished work. He is also to clean out all wood shavings, cut ends and other waste from all parts of the works before covering or infillings are constructed.

All guarantees & warranties provided by manufacturer of all products used are to be handed over in original to the Bank on completion of work.

Take all steps immediately to make up deficiency if any noticed by the Bank / Architect. Use must be made of special tradesmen in all aspects of the work and allowance must be made in the rates for the same.

The materials to be provided by the contractor shall be in accordance with the samples

## MATERIALS AND PRODUCTS

### CEMENT

Cement shall be ordinary Portland conforming to IS: 269 and shall meet the following additional requirements:

Compressive strength

At 3 days            160Kg/Cm<sup>2</sup> minimum

At 7 days            220Kg/Cm<sup>2</sup> minimum

Time of setting (vicat):

Initial set            30 minutes minimum

Final set 10 hours maximum

### QUALITY CONTROL

The contractor shall be responsible for the quality of the burnt clay brick masonry. The masonry work shall at all times be under the direct supervision of an experienced foreman under the overall supervision of the contractors site engineers. The bricks shall comply with I.S.1077.

### EXECUTION GENERAL

The setting and layout of masonry shall be the contractor's responsibility and shall be in strict conference with the drawings.

The contractor shall accurately locate openings, returns, offsets etc. in accordance with the drawings.

The contractor shall layout walls in advance for accurate spacing of surface bond patterns with uniform joint widths and to properly locate openings. Use of less than half size bricks at corners, jambs and other locations shall be avoided.

Cut bricks carefully to prevent disintegration and to obtain clean, sharp, un chipped edges. Cut-bricks may be used not more than twice in a straight-run course.

## SECTION - VIII- WALL FINISHES

### General

a) **Scope:** This section shall cover internal and external plastering/rendering works as shown in the drawings.

b) **Mortar:** The mortar of specified mix shall be used.

c) **Scaffolding:** Stage scaffolding shall be provided for plastering work as per standard practice and as directed by Architect/Site Engineer. This shall be independent of the walls.

d) **Preparation of Surfaces:** Joints of brickwork wall shall be raked-out properly. Dust and loose mortar shall be brushed out. Efflorescence if any shall be removed by brushing and scraping, shuttering imperfections of all concrete shall be roughened by hacking with chisel and all resulting dust and loose particles cleansed and the surface shall be thoroughly hacked or bush hammered to the satisfaction of Architect/Project Engineer. The surface shall be thoroughly washed with water, cleaned and kept wet before plastering is commenced.

e) **Approval of Architect/Project Engineer to be taken:** No plastering work shall be started before all conduits, pipes fittings and fixtures clamps, hooks etc. are embedded, grouted and cured and all defects removed to the satisfaction of Architect/Project Engineer. Special approval shall be taken from Architect/Project Engineer before starting each plastering work. No cutting of finished plaster shall be allowed. No portion shall be left out initially to be patched up later on.

f) **Mixing:** The ingredients shall be mixed in specified proportions by volume. The mixing shall be done in a mechanical mixer on water-tight platform. The cement and sand shall first be mixed thoroughly dry in the mixer. Water shall then be added gradually and wet mixing continued for at least a minute until mortar attains the consistency of a stiff paste and uniform colour. Mortar shall be used within 30 minutes of addition of water. Mortar which has partially set shall not be used and removed from the site immediately.

## **INTERNAL PLUMBING WORK**

### **(INTERNAL WATER SUPPLY PLUMBING, INTERNAL DRAINAGE) GENERAL**

The form of Contract shall be according to the "Conditions of Contract". The following clauses shall be considered as an extension and not in limitation of the obligation of the Contractor

1. Work under this contract shall consist of furnishing all labour, materials, equipment and appliances necessary and required. The Contractor is required to completely furnish all the plumbing and other specialized services as described hereinafter and as specified in the schedule of quantities and /or shown on the plumbing drawings.

2. Scope of internal water supply, plumbing, internal sewerage and drainage shall consist of providing and fixing of the following for each units of each unit blocks/other buildings as shown on drawings.

3. The entire work shall be carried out by licensed plumbers

- (a) CPVC/UPVC/GI pipe with fittings and valves for cold and hot water supply.
- (b) Sanitary fixtures, CP fittings and accessories.
- (c) Internal Drainage including gully traps.

#### **4. Water supply.**

- (a) All GI/CPVC/UPVC pipes and fittings from over head tank to all taps, wall mixers, wash basins, cisterns, sinks, geyser points, washing machine and showers as shown on drawings.
- (b) Provision of hot and cold water supply lines in all toilets and kitchen.

### **5. MATERIALS**

- 6. All GI pipes shall be galvanized steel tubes medium grade conforming to IS-1239 and ISI marked of makes Jindal Hissar/Prakash. All CPVC/UPVC pipes shall conform to the relevant IS standards.
- 7. All GI fittings shall be conforming to IS-1879 and ISI marked.
- 8. Valve shall be heavy Gun metal full way confirming to IS-778-1971 class I and ISI marked.

### **6. LAYING, FIXING AND FITTINGS OF GI PIPES**

- (a) The runs of the pipes shall be straight and pipes shall not run diagonally. Proper bends, elbows, tees at



turnings/corners shall be used.

- (b) All pipes with necessary fittings wherever they are laid on internal faces of the walls shall be concealed in chase. On external faces they will be laid on walls fixed with clamps or on
- (c) In the concealed portion of plumbing no joints shall be provided in the pipe lines except in the fittings i.e., bends, elbows, tees and nipples where required.
- (d) All pipes for water supply (Hot or cold) within toilets and kitchen shall be laid on walls only.No pipe shall be laid in sunken portion of toilets/kitchen.
- (e) For each unit the size of down comers, branch pipes from the ring (at terrace) from over head tank and branch pipes from down comers shall be of sizes as shown on drawing.
- (f) Pipes and fittings shall be jointed with screwed fittings, care shall be taken to remove burrs from the end of the pipe after cutting by a round file. Genuine white/red lead and a few strands of cotton thread shall be applied. All pipes shall be fixed in accordance with layout shown on the drawings. Care shall be taken to avoid air pockets. Pipes inside toilets shall be fixed in wall chases at least 30cm above the floor.
- (g) Pipes in shafts and other locations shall be supported by clamps of design as indicated in the typical detail. Pipes in wall chases shall be anchored by iron hooks.
- (h) **Unions:**Contractorshall provide adequate number of unions on all pipes to enable dismantling later. Unions shall be provided near each gun metal valve, stop cock, or check valve and on straight runs as necessary at appropriate locations.
- (i) **Puddle Flanges:** Puddle flanges shall be provided to all connection i.e. inlet overflow, and scour of the over head tank wherever required.
- (j) **Pipe Protection:** All pipes in chase or under floors or below ground shall be protected against corrosion by applying two coats of bitumen paint, covered with polythene tape and finished with a final coat of bitumen paint.
- (k) **Painting:** All exposed pipes shall be painted with two coats of oil paint over one coat of primer. Pipes shall be painted to standard colour code as approved by Project Engineer/Architect.

## **7.OverHeadTanks**

- a. The tanks shall be of molded HDPE and shall be one of the following make.
  - i) Unitank, ii)Polycon iii) Sintex
- b. These tanks shall be located on the roof terrace as shown on drawing. Placed on supports as per details shown on drawings.
- c. Each over head water tank shall be complete with the following.
  - (i) Lid and cover with locking arrangement.
  - (ii) Inlet, outlet, over flow (25mm), scour pipe(20mm) and Air vent pipe with all fittings.
  - (iii) Mosquito proof coupling shall be provided to overflow and air vent pipes.
  - (iv) The inlet pipe to the over head tank shall be provided with ISI marked 25mm brass body ball valve with polythene ball.
  - (v) The inlet pipe to the over head tank shall be provided with 25mm ISI marked full way gunmetal brass valve and each outlet pipe shall be provided with ISI marked full way gunmetal valve of size of outlet pipe.
  - (vi) The over flow pipes shall be brought down up to the finished terrace level and laid up to nearest khurra on

terrace.

- d. The water tank will rest over 100 mm thick RCC 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20mm nominal size) platform with nominal reinforcement of 8mm dia 6”c both ways, supported over ISMBs resting on brick wall supports over terrace and finished with cement plaster 1:6 all around as shown in drawings.

Vent pipes: Each down take pipe shall be provided with a vent pipe. The height of the vent pipe shall be 150mm above the top of the water tank.

### **8. Testing of pipes:**

- a. All pipe lines shall be tested hydraulically to pressure of 7 kg/Sq.cm for a minimum period of 24 hours for check for leakage.
- b. The pipe line in chase or under floors/ground shall be covered up only after the testing is carried out satisfactorily and passed by Architect/Site Engineer.
- c. The instrument, equipment and water for testing shall be arranged by the contractor without extra charges. (i.e. Hydraulic testing machine with pressure gauge)
- d. A test register shall be maintained by the Site Engineer and all entries shall be signed and dated by contractor, Architect and Site Engineer.

**Insulation:** 24 Hot water lines in chases shall be provided with 20 mm thick insulation by wrapping 6 mm dia asbestos rope and finishing with a coat of 85% magnesia.

**Approval of layout of pipes and position of fixtures at site:** The contractor shall mark the location of all fixtures and fittings and layout of GI pipes on the terrace walls/ ground at site and take approval of Site Engineer/Architect before commencement of cutting chases for GI pipes within the building and digging trenches outside the building.

### **9. Sanitary Fixture and CP Fittings and Accessories**

All sanitary ware shall be first quality white-vitreous china and shall be inclusive of all fixing devices nuts, bolts and hangers / Brackets.

These shall be from one of the following manufactures:-

- a) Hindustan Sanitary Ware
- b) Parry Ware

### **10. Water Closets and Cisterns**

(1) European type white vitreous china ware and cistern with S-trap without vent horn

(2) White 10.00 Litre capacity low level HIP flushing cistern waterbird "COMMANDER

MODEL" IS marked complete with Delrin valve and float, fittings and specials of standard make & 40mm white flush bend, over flow with mosquito proof coupling, all washers and rubber bed etc. complete including fixing accessories

(3) CP brass angle valve with CP copper connecting pipe with nut and washer

(4) Bakelite solid type seat and cover IS marked Type 1A (IS-2548-1983) with CP brass Hinges commander brand (black colour)

### **11. Urinals**

Range of one and three urinals

(b) Chinaware cistern

Bottle trap

CP brass angle valve with CP copper connecting pipe with nut and washer.

### **12. Shower and Taps**

- i. CP brass wall mixer with bend for over head shower with central control knob for three positions, for supply to spout, second to stop and third for supply to shower.
- ii. 125mm dia CP brass shower rose 15mm with ball joint and 230mm long CP brass extension pipe.
- iii. **Towel Rail** : CP brass towel rail 20mm dia 16 guage 600mm long including brackets.
- iv. **Towel Ring**: CP brass towel ring 200 mm dia with CP brass brackets fixed to wall with Flanges & CP brass screws.
- v. Mirror of size as specified in the items and 5mm thickness over every wash hand basin. The mirrors shall be of make Modifloat or Atul Brand made from Tata Ashi float glass. The mirror shall have marine ply backing 6mm thick mounted on kail wood frame ¾” x 11/2” with Aluminum angle 30 x 15 x 2mm alround & hung on to wall with key hole hooks.

### **Installation of Sanitary Fitting**

- (a) European Type water closets shall be fixed with brass screws of suitable length with PVC plugs or phill plugs embedded in the floor after drilling hole in floor. It should be coupled with low level flushing cistern complete with rubber cone adapters etc, all as per manufacturer instructions.
- (b)
- (c) Wash hand basins shall be fixed firmly to wall with MS angle iron brackets. The brackets shall be given two coats of white enamel paint over a coat of primer. In addition the wash basin shall be securely fixed to walls with a pair of 25x3mm MS clips screwed with rawplugs to walls (placing of basin over the brackets without secure fixing on wall shall not be accepted).

Indian type Water Closets shall be embedded firmly in the floor and its surrounding packed with cement concrete 1:3:6 (1 cement : 3 coarse sand : graded aggregate 40mm graded aggregate) below the level of top of the Closet to receive the top layer of floor finish. WC shall be set in the CI trap in cement concrete 1:3:6 (1cement:3 coarse sand:6 graded stone aggregate 20mm nominal size), joint between WC and Flush pipe will be made in the pre-moulded rubber joint.

- (d) Urinals: Urinals shall be lipped type half stall (small) white glazed vitreous china of first quality and size 610x 400 x 380 mm size.
- (i) Half stall urinal shall be provided 15 mm dia spreader, 32 mm dia CP domical waste and C.P. cast brass bottle trap with pipe and wall flange, and shall be fixed to wall by one CI bracket and two CI wall clips complete as recommended by manufacturer’s directives/Site Engineer.
- (ii) Half stall urinals shall be fixed with C.P.brass screws.
- (iii) Flushing cistern for urinals shall be automatic type vitreous china as given in the schedule of quantities. Each flushing cistern shall have a copper siphon and inlet nozzle cock to control the flow. Flushing cistern shall be fixed to wall with R.S. or C.I. brackets painted with two coats of white enamel paint.
- (iv) Flush pipes shall be G.I. pipes concealed in wall chase but with chromium plated bends at inlets and outlets.
- (v) Urinals may be flushed with flush valves as described in the item.
- (vi) Waste pipes for urinals shall be any of the following.

### **Fittings**

- i. Fittings shall conform to the same Indian Standard as for pipes. Contractor shall use pipes and fittings of matching specifications.
- ii. Fittings shall be of the required degree of curvature with or without access door of rear, LH or RH .
- iii. All fixtures shall be fixed at proper heights, as shown in drawings and workmanship which shall be of acceptable standards.

### VIII. LIST OF APPROVED NOMINATION MANUFACTURERS /BRANDS

1. MAKE OF COMPONENTS APPROVED: for Civil Works

S.NO	MATERIAL	APPROVED MANUFACTURER / BRAND
1	CEMENT	Ultra tech/ Ramco or Other Equivalent
2	Reinforcement bars	Vizag/SAIL or Other Equivalent
3	PAINTS	ASIAN PAINTS/BERGER/INDIGO or Other Equivalent

2. NOTE

All materials shall be of the 1st quality and wherever possible ISI marked. If ISI mark is not available, it should conform to BIS specification.

If make / model of any of the items given anywhere in this document contradicts with those listed at para 1 above, then, the make / model listed at para 1 above will prevail.

Wherever contractor proposes to use equivalent makes (i.e. other than specified), the same shall be done after prior approval of the Bank / Architect. Any additional expenditure and time due to this shall be solely on contractor's account and no claims whatsoever shall be entertained, in this regard.

Read, "or equivalent approved" at the end of the list of approved manufacturers / brand for every material.

The bidders are instructed to visit proposed premises of the above said branch before submitting the offers.

Care must be taken during execution that the total load should be equally distributed in all the 3phases.

All earth joints must be properly tinned and connected with suitable GI bolt, nut, etc., as per standards.

Suitable tinned earth bus should be provided where ever necessary for connecting the different earth leads.

For connecting the earth leads to the earth bus suitable sockets should be used.

Using of PVC / MS flexible hoses should be avoided.

## IX. PREAMBLE TO SCHEDULE OF QUANTITIES

### 1. IMPORTANT NOTE:

IT IS TO BE EXPRESSLY NOTED THAT SPECIFICATIONS WILL PREVAIL AND SUPERSEDE THE DRAWING IN CASE OF ANY INCONSISTENCY / DIFFERENCE IN BETWEEN THE SPECIFICATION AND THE DRAWINGS. THE TENDERER IS REQUIRED TO PERUSE CAREFULLY ALL PARTS OF TENDER DOCUMENTS AND DRAWINGS. IF ANY DIFFERENCES / INCONSISTENCY IS NOTICED, HE SHALL BRING IT TO ATTENTION OF UNION BANK OF INDIA / ARCHITECT & GET THE REQUIRED CLARIFICATIONS BEFORE SUBMISSION OF TENDER. FAILURE TO DO SO WILL NOT ENTITLE THE SUCCESSFUL TENDERER TO PREFER ANY CLAIMS FOR EXTRA PAYMENTS LATER.

2. The tenderer is required to inspect the site of the work and ascertain for himself site conditions, facilities available and other aspects before quoting for the work. The tenderer is also required, before quoting, to carefully peruse the tender documents, the tender drawings and connected details so as to understand clearly the scope and intent of the tender. Any claims by the successful tenderer at a later date on account of the failure to comply with the above instructions will not be entertained.
3. The tenderer should note that the works under the scope of this tender are to be carried out and installed in the existing building. The tenderer should note that he should execute his part of the work without causing any damage to any component of the building or services. Any damage so caused shall be made good at the cost and risk of the successful tenderer/contractor.
4. The successful tenderer should protect all other items of work of other agencies, such as flooring, electrical work etc., from any damage shall be responsible for final clearing of the floor, walls etc., before handing over. No extra is payable toward this.
5. The successful tenderer shall include this rate, in all minor civil works such as casing wall, drilling hooks etc., and making good and no extra is payable toward this. Neat housekeeping at all shapes of work is the responsibility of the successful tenderer, who shall also ensure that removal of debris, wood shaving, waste materials etc., from the site at his own cost, is organized at regular basis. The successful tenderer shall also be responsible for safety and security of all these materials and also for ensuring fire prevention steps are taken at all times.
6. The tenderer should note that the tender drawings and other documents describing each item of the schedule are only indicative in nature and cannot be taken as complete in detail. The tender being for Civil works, calls for good workmanship and finish including use of good quality materials of high standard.
7. The tenderer should understand the intent of the tender drawings and specifications and provided for materials, workmanship finishes and accessories appropriately, so as to deliver the product of high standards in keeping with the function for which the furniture is designed. No claim from the contractor at a later date will be entertained for his failure to understand this requirement. The decision of Union bank of India / Architect in respect of the quality of materials, type of fabrication / assembling, workmanship, finish, etc., shall be final and binding on the contractor. No claim for such materials, construction, workmanship and finish can be entertained.
8. Union bank of India / Architect reserve the right to insist on selection of material, workmanship detailing and finishes which they consider are appropriate, and suitable for the intended use for which the contractor is not eligible for any extra claim on this account.
9. Union bank of India / Architect reserve the right to insist on proto-type to be made for approval before starting the full fledged manufacture of each type of the furniture.
10. Union bank of India / Architect reserve the right to suggest or make modification at the prototype stage, which shall be complied with any extra cost.
11. Union bank of India / Architect will require the contractor to produce samples of all materials accessories / finishes prior to procurement / manufacture. Samples of all hardware fittings shall be shown to Union bank of India / Architect in advance and approval obtained before procurement. Failure to comply with these instructions can result in rejection of the work.
12. All items supplied / installed shall be guaranteed for a period of one year from Union bank of India's acceptance for covering materials, workmanship and finish. Any defects or shrinkage, warping or other forms of deterioration shall be made good by the contractor at his own cost within the guarantee period, immediately on being informed of such defects failure to comply will entail Union bank of India to unilaterally decide on getting the repair done through other agency at the cost and risk of the contractor.
13. The contractor should use only the best material. If required by Union bank of India / Architect, the contractor shall arrange for testing the products or produce test certificate from recognized testing houses to establish the quality of materials at his own cost. Any defective material not meeting with the standard shall be replaced at the contractor's own cost.

14. Tenderers shall indicate the make of the materials along with the tender preferably with samples of catalogues, based on which rates have been quoted. The tenderer should be prepared to produce samples for those items, make of materials is not furnished with the tender, on his own cost and responsibility and without any liability on Union bank of India.
15. The dimensions in the schedule as well as in the drawing are likely to vary slightly according to the site of space available in the respective rooms where they are to be provided or placed. Union bank of India / Architect have the right to slightly modify the dimension of furniture items for which no extra claim shall be entertained.
16. The quoted rates shall include all materials, labour, furniture fittings, accessories of matching type with the main furniture, transport to site, all taxes (central, State and Local Taxes) and fixing at the specific places in the building complete. Rate should include cost of keeping the works insured as well as other Insurance requirements.
17. Enamel paint will be approved brand and will be applied as per manufacturer's specifications. If at the time of handling over, any deterioration scratches or of the finish is observed, Union bank of India / Architect shall have the right to insist on application of another coat without extra cost. All exposed Teakwood members shall be given approved coat of automotive paint. All wood work concealed or covered by other materials shall be given approved enamel paint coating.
18. In all case measurement will be made on net items in complete shape as manufactured, supplied and installed. Measurement to items such as false ceiling shall be taken for actual area laid to suit the shape and size of the room.
19. The tenderers should note that they shall absorb all cutting wastage, etc., within the quoted rates and no separate payment will be made for the same. The tenderer shall have to make sure that they protect their materials and hand them over in good shape satisfactory to Union bank of India / Architect.
20. At the time of handling over any damages, scratches, dents or other such defects shall be rectified as directed without any extra charge by the tenderer / Contractor to the satisfaction of Union bank of India / Architect.
21. Union bank of India / Architect reserves the right to reject any tender without assigning any reason. Union bank of India / Architect reserves the right to split the scope of the work for award to more than one tenderer at their discretion. Union bank of India / Architect reserves the right to modify thereafter the scope of the work. Tenderer / contractors shall not have not any claim on account of the above.
22. In case of splitting of work to more than one agency, the time of completion shall be suitably reduced. Union bank of India shall levy penalty / liquidated damages as per the conditions of the contract for delayed progress or work at different stages, final completion of work as the case may be.
23. All rates quoted shall include high quality hardware fittings and materials and no extra cost is payable for these hardware fittings. Samples of the hardware fittings / materials shall be approved by Union bank of India / Architect well in time, before procurement.
24. Tenderer should note that for the sake of convenience, only entire description has been furnished of Quantities. For detailed description of each item a separate list of detailed description has been furnished. Both are complementary in nature and shall be read together for each item with corresponding cross-reference.

Place:

Date:

Signature of Tenderer /Contractor

## X. SCHEDULE OF QUANTITIES

Name of the work: - The proposed Civil Works of 1. CONSTRUCTION OF STRONG ROOM AT BASEMENT 1 & ROOF GRILL WORKS OF COONOOR, MOUNT ROAD BRANCH (BR. CODE: 533441) LOCATED AT 14/B, MOUNT ROAD, POST BOX NO. 24, UPPER COONOOR, DIST. NILGIRIS-643101.

### UNION BANK OF INDIA- COONOOR, MOUNT ROAD BRANCH

#### SUMMARY

1	TOTAL CIVIL WORK AMOUNT	
	TOTAL	
	CGST @ 9%	
	SGST @ 9%	
	GRAND TOTAL AMOUNT	

## SCHEDULE OF QUANTITIES

Name of work : Proposed Civil Works of CONSTRUCTION OF STRONG ROOM AT BASEMENT 1 & ROOF GRILL WORKS OF COONOOR, MOUNT ROAD BRANCH (BR. CODE: 533441) LOCATED AT 14/B, MOUNT ROAD, POST BOX NO. 24, UPPER COONOOR, DIST. NILGIRIS-643101.

S.No	Description of work	Qty.	Per	Rate (Including Labour Cost)	Amount
1	Steel Rod @12mm Dia	1600 kg (Approx.)	Ton		
2	Binding Wiring	20.00 kq (Approx.)	Kg		
3	Shuttering Work (Deduction: Strong Room Door & Ventilator)	675 sq.ft.	Sq.ft.		
4	RCC (Grade-M20) (Deduction: Strong Room Door & Ventilator)	14.32 M <sup>3</sup> (Approx.)	M <sup>3</sup>		
5	Roof Grill Work	2.13 Ton (Approx.)	Ton		
	<b>TOTAL</b>				

Note: The above Rates are including labour charges. GST Extra.

Size of Strong Room Door : 5'41"x8'00"

Size of Ventilator : 1.5'0"x1.5'0"

Strong Room should have clear height of 9 ft. Adhere to the Indian Standard IS 15369:2003 stipulated by the Bureau of Indian Standards as under:

- a. wall thickness - 300 mm
  - b. floor/roof thickness - 300 mm
  - c. concrete mix for construction of wall, floor and roof should confirm to M20 minimum.
  - d. Reinforcement steel bar - 12mm
- Reinforcement grid mesh in mm- 150 x 150 x 150 CTC
- e. Tang bars- not mandatory

Place:

Date:

Signature of Tenderer /Contractor