



**RESERVE BANK OF INDIA, GUWAHATI  
ESTATE DEPARTMENT**

**Tender for Electrical wiring works for Amenity flats at  
RBI Officer Quarters, GS Road, Guwahati**

**Tender Notice**

Reserve Bank of India, Guwahati invites tenders from Bank's empanelled electrical contractors for the above-mentioned work.

The tender forms can be downloaded from <https://www.rbi.org.in>. Your tender, duly filled-in should be submitted in sealed quotation not later than 14:00 hours on **January 18, 2022**.

1. **Estimated cost: - ₹ 4,83,192/-**
2. **Event start date & time: - 11.01.2022 at 11:00 hours.**
3. **Event close date & time: - 18.01.2022 at 14:00 hours.**
4. **TOE start time: - 18.01.2022 at 15:00 hours.**
5. Time allowed for completion of the work: **45 days from the 10th day of work order**
6. Bank reserves the right to accept or reject any or all the tenders, either in whole or in part, without assigning any reasons for doing so.

Regional Director  
Reserve Bank of India  
North Eastern States



**Reserve Bank of India  
Estate Department  
Guwahati**

**Tender for**

**Electrical wiring works for Amenity flats in RBI Officer Quarters, GS  
Road, Guwahati.**

Part I

Name of Tenderer:

Address:

Last date of Submission: Till 14:00 Hrs on January 18, 2022



**Reserve Bank of India  
Estate Department  
Guwahati**

**Part-I**

Tender for Electrical wiring works for Amenity flats at RBI Officer Quarters, GS Road, Guwahati.

**Terms & Conditions**

1. Tenders are invited for Electrical wiring works for Amenity flats at RBI Officer Quarters, GS Road, Guwahati.
2. The tenders for the above work in two parts i.e. Part-I containing technical specifications of equipment's offered and the terms & conditions (Rates & Amounts of items shall not appear anywhere in this part) and Part II containing only rates of items & amounts stated in figures and words shall be **submitted to Regional Director, Reserve Bank of India, Estate Department, Guwahati**, so as to reach him not later than **14.00 hrs on dated 18.01.2022. Part II of the tender will be opened on the same day at 15.00 hrs.** All the envelopes shall be superscripted "Tender for Electrical wiring works for Amenity flats at RBI Officer Quarters, GS Road, Guwahati". Tender should be dropped in the tender box located in Estate Department, 4th Floor at Main Office Premises of RBI Guwahati.

Note: Part I & Part II shall be kept in the separate envelopes and both these envelopes shall be kept in another one envelope.

3. The tenders shall be valid for acceptance by the Bank for a period of 90 days from the date of opening of Part II.
4. The rates quoted shall be firm and shall include charges for all taxes, duties, levies, consumables, labour, transport, insurance for transit, packing etc.
5. The contractor shall obtain and maintain the following insurance policies with RBI, Guwahati's name appearing as 1<sup>st</sup> party:
  - a. Workmen compensation policy
  - b. Contractor's all risk & third party insurance policy
6. Bank will not accept any liability for any mishap/accident caused while working in the colony.
7. Following **terms of payments** shall be applicable.
  - a. 95 % of the quoted rate on completion of work.
  - b. Balance 5 % after expiry of defect liability period of twelve months. No other terms of payment will be accepted and tender with any other condition is liable to be rejected.
8. Time is the essence of the contract. Entire work shall be completed in 45 days from the 10<sup>th</sup> day of the date of letter of acceptance, failing which liquidated damages (LD) at the rate of 0.25 % of the contract value per week to a maximum of 10% of the contract value will be recovered for delay beyond the contractual period of completion. No extension of time will be allowed, except for conditions considered by

Bank' authorities to be beyond the control of the contractor on receipt of written application from him at least three days before the expiry date, otherwise LD may be automatically enforced and binding on him.

9. The schedule of quantities is only indicative. The Bank reserves the right to increase or decrease the quantities for any items or to delete any item during execution of work.
10. The successful tenderer shall execute **an agreement** with the Bank on stamped paper within 7 days of receipt of letter of acceptance. However, the issue of letter of acceptance by the Bank shall be construed as a binding contract, as through such an agreement has been executed and all the terms and conditions of this contract shall apply.
11. **Tenderers are advised to inspect the site before quoting.** This is item rate tender and all items are to be executed as directed by Bank's engineers.
12. All debris shall be disposed of by the contractor as per the rules & regulation of local authorities concerned beyond the property limits and the site shall be kept free of safety/fire hazards.
13. The contractor shall indemnify and keep indemnified the Bank against all losses and claims, damages or compensation for breach of any provision of the payment of wages Act, 1936 minimum wages Act 1948, contract labour (Regulation and abolition) Act 1970 or any other labour law/statue in force in this regard.
14. The Bank reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
15. **Prevention of Sexual Harassment of women at work place:**
  - (a) The Contractor / Agency shall be solely responsible for full compliance with the provisions of "the Sexual Harassment of women at work place (Prevention, Prohibition and Redressal) Act, 2013". In case of any complaint of sexual harassment against its employee within the premises of the Bank, the complaint will be filed before the Internal Complaints Committee constituted by the Contractor / Agency and the Contractor / Agency shall ensure appropriate action under the said Act in respect to the complaint.
  - (b) Any complaint of sexual harassment from any aggrieved employee of the contractor against any employee of the Employer shall be taken cognizance of by the Regional Complaints Committee constituted by the Employer.
  - (c) The contractor shall be responsible for any monetary Compensation that may need to be paid in case the incident involves the employees / workmen of the contractor, for instance any monetary relief to Employer's employee, if sexual violence by the employee / workmen of the contractor is proved
  - (d) The contractor shall be responsible for educating its employees about prevention of sexual harassment at work place and related issues
  - (e) The contractor shall provide a complete and updated list of its employees who are deployed within the Employer's premises.
16. The contractors should examine the site and should thoroughly acquaint themselves with the nature of the work to be done, working conditions, period of permissible execution of the work.
17. Contractor should arrange for the all required materials such as tools, accessories, screw, gitti, cement mortar, putti etc. required for carrying out the work.
18. During execution of the work any damage to the property of the Bank is to be rectified by the contractors as per the directions of the Bank's Engineer or otherwise Bank may get the same rectified at the risk and cost of contractors.

19. The work will be carried out as per the Bank's enclosed specifications and conditions of the contract, as provided in the quotation documents which may be inspected at every stage during the office hours by the Estate Department of the Bank.
20. The works shall be normally carried during normal working hours. However, if required to be done after office hours, prior permission may be obtained for working after working hours/ holidays and Sundays without causing any disturbance to the occupants.
21. BIS (Bureau of Indian Standard) specifications should be followed wherever applicable.
22. In case of any dispute, the decision of the Reserve Bank of India shall be final.
23. Failure to observe any of the instructions in above clauses may lead to the rejection of the tender.
24. The contractor shall abide by and fulfill all requirements laid down under the Contract Labour (Regulation and Abolition) Act, 1970 and the rules framed thereunder.
25. Display of notice board: At the site, a display board shall be displayed showing rates of wages, hours of work, wage period, dates of payment of wages, names and addresses of the inspectors having jurisdiction and date of payment of unpaid wages (written in English, Hindi and Assamese) in terms of provision of para 81(1) of the rules framed under the contract Labour (Regulation and Abolition) Act, 1970.
26. The contractor shall submit the Bank the maximum number of labours to be engaged on a single day in the job. Any subsequent increase should be informed to the Bank without delay. If the number of labourers employed for the job are twenty or more, the contractor shall obtain the licence from the Regional Labour Commissioner.
27. The contractor should ensure payment of minimum wages + VDA to all labourers / workmen staff employed by him.
28. The contractor shall maintain all registers as required by the Regional Labour Commissioner and should furnish the same to the Bank or its representative as and when required.
29. If the work is not started within 10days from the date of issue of work order then Bank may terminate the work order without assigning any reason. If during the execution of the work, the progress of work is not considered to be satisfactorily and is not consistence to be in contingent with the period of the completion of the work then the Bank may terminate the work order by giving a final notice to the contractor.
30. The site of work shall be cleaned and debris shall be removed from the premises as and when directed by the Bank failing which Bank may remove the debris / surplus materials at the risk & cost of the contractor.

Date:

Place:

Signature of the firm

## **Safety Code**

### **GENERAL SAFETY**

1. First-aid appliances, including adequate supply of sterilized dressings and cotton wool, shall be maintained in a readily accessible place.
2. The injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates hospitalisation.
3. Suitable and strong scaffolds should be provided for workmen for all works that can not safely be done from ground.
4. No portable single ladder shall be over 8 meters in length, the width between the side rails not less than 30 cm (clear) and the distance between two adjacent rungs shall not be more than 30 cm. When a ladder is used, an extra labour shall be engaged for holding the ladder.
5. The excavated material shall not be placed within 1.5 meters of the edge of the trench or half of the depth of the trench, whichever is more. All trenches and excavations shall be provided with necessary protection of minimum height of one meter.
6. Every opening in the floor of a Building or 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 one metre.
7. No floor, roof or other part of the structure shall be so over-loaded with debris or materials as to render it unsafe.
8. Workers employed on mixing and handling material such as asphalt, cement, mortar or concrete and lime mortar shall be provided with protective footwear and rubber hand-gloves.
9. Those engaged in welding works shall be provided with welder's protective eye-shields and gloves.
10. No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
11. Suitable face masks should be supplied for use by the workers when the paint is applied in the form of spray or surface having lead paint dry rubbed and scrapped.
12. Hoisting machines and tackles used in the work, including their attachments, anchorage and supports shall be in perfect condition.
13. The ropes used in hoisting or lowering material or as a means of suspension shall be of durable quality and adequate strength and free from defects.
14. "The electric power required for the work can be drawn from the supply available at site, the charges shall be deducted accordingly. The contractor has to make

his own arrangements to take the supply to the requisite position. It will be ensured by the contractor, that such arrangements should include suitable length electric cables / extension board with proper ELCB/RCCB/RCBO (Earth Leakage Protection Device) equipment. Preferably joints should be avoided, and if compulsorily needed, all the required joints shall be properly insulated. It will be ensured by the contractor that the entire work site is properly illuminated at all time when the work is in progress. All the electrical related works shall be carried out by an authorized electrician. Wired light fittings should not be taken to inaccessible areas like above false ceiling etc. and instead of that portable battery operated charging lights shall be used”

## **FIRE SAFETY**

- i. Cutting / drilling machine and other electrically operated equipments used at site shall be plugged into correctly rated electrical outlets.
- ii. Only ISI marked 3 pin plug and other appliances and equipments shall be used.
- iii. Electrical power cables/wires used shall not have any joints and shall be properly rated.
- iv. All electrical appliances i.e. welding, drilling, cutting machine etc. shall be safely and securely earthed to prevent leakage current while in operation.
- v. Before commencing the welding work for the first time on any day, fire section shall be informed and only after the site inspection by the Fire officers/Personnel, work shall be started.
- vi. Two buckets of water and sand shall be kept in an easily accessible area on the site.
- vii. Fire extinguishers recommended and issued by fire officers shall be kept on the site.
- viii. Used paint drums shall be stored in specified store only after closing them properly.
- ix. Personal protective equipments such as safety shoes, hand gloves, welder's mask, ear plug etc. depending upon the requirement of the work shall be provided by the contractor to the workmen to prevent occupational health hazards.
- x. The safety belt shall be provided by the contractor and used by the workmen while working from height for more than 10' from Ground level.
- xi. Passages near lift lobby and staircases shall be used for stacking / dumping any kind of materials/waste.
- xii. None of the fire extinguishers shall be removed/shifted from its designated location.
- xiii. Power supply shall be switched off from the mains when equipment is not in use.
- xiv. Wood-shavings and saw-dust generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner.
- xv. Any debris generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner.
- xvi. Battery operated emergency light/torches shall be provided by the contractor to the workmen while working beyond office hours.

**PLACE:  
DATE :**

**SIGNATURE AND SEAL OF THE CONTRACTOR**



Tender for Electrical wiring works for Amenity flats at RBI Officer Quarters, GS  
Road, Guwahati.

Tenderers are requested to fill in the following particulars.

Sl. No.	Description	Bank's terms	Whether acceptable or not
01	Validity	Shall be valid for 90 days from the date of opening of Part II	
02	Completion period	45 days from the 10 <sup>th</sup> date of placing work order	
03	Liquidated damages	0.25% of the contract value per week subject to a maximum of 10 % of contract value	
04	Guarantee for all equipment's	Shall furnish guarantee for a period of one year from the date of virtual completion	
05	Terms of payment for the work	As per clause 7 of tender terms & conditions	

Signature of contractor

Place:

Date:

Note: Please indicate Yes/No against the items. If 'No', please indicate the deviation only.

Tender for Electrical wiring works for Amenity flats at RBI Officer Quarters, GS Road, Guwahati.

Tenderers are requested to fill in the following particulars.

Sl. No.	Description	Bank's terms	Whether acceptable or not	
01	Switch/Socket/telephone socket, TV socket	Modular switch/socket with same make of box Legrand - Mylinc, Havells - Crab tree		
02	Wire/Cable	Finolex/Polycab/Havells		
03	Conduit	2 mm thickness Supreme/Prestoplast/Plaza/Baralia/Precision/ AKG		
04	MCB's/MCB DB	Legrand/Schneider/Hager		
05	Cable	Finolex/Polycab/Havells		
06	Call bell	Anchor musical chime, Havells		
07	Telephone wire, Cable TV wire	Polycab/Finolex		
08	Speaker cable	Krystals/Liberty		
08	Casing/caping	Pestoplast/Plaza/Baralia/AKG		
09	Switch/socket box	Modular PVC/MS zinc passivized of respective make of switches/sockets		
10	Speaker	Bosch, JBL, Honeywell, Ravel		
11	Speaker wire	Polycab/Finolex/Havells or equivalent		
12	Inverter	Microtek / Luminous		
13	Tubular Battery	Exide / Amaron Quanta		

Scope of work:

1. It is concealed wiring through wall chasing and include refilling of the chasing again with mortar (cement & sand mixture), However PVC casing caping (surface manner wiring shall be required to be done as per site requirement also. Overall it is partially concealed, partially surface wiring as per site requirement and as per direction of Engineer Incharge.
2. Following colour code will be followed for wiring:  
Phase wiring: Red, Blue and Yellow, Neutral – black, Earth - green (in case of 3 phase wiring / 1 phase wiring, colour code should not mix with other colours)

Date:

Place:

Signature of tenderer  
Seal of firm



**Reserve Bank of India  
Estate Department  
Guwahati**

**Tender for**

**Electrical wiring works for Amenity flats in RBI Officer Quarters, GS  
Road, Guwahati.**

**Part II**

Name of Tenderer:

Address:

Last date of Submission: Till 14:00 Hrs on January 18, 2022



**Reserve Bank of India  
Estate Department  
Guwahati**

**Regional Director,  
Estate Department  
Reserve Bank of India, Guwahati**

Quotation: Tender for Electrical wiring works for Amenity flats at RBI Officer Quarters, GS Road, Guwahati.

Sl.no.	Description of the items	Quantity	Rate/Rs.	Amount/Rs.
01	Light / Ceiling fan/ exhaust fan / Call bell point wiring using 1.1 KV grade 3x1.5 sq mm FRLS PVC insulated copper conductor wire on concealed / surface manner with heavy duty PVC conduit of 20 mm / casing capping & all accessories including supply/fixing of 6 A modular switch / 2 way switches, modular front plate, MS box with connection complete including accessories like modular type ceiling rose, modular type angle/batten holder, Square/round blocks etc. The work also includes the circuit wiring using 1.1 KV grade 2x2.5+1x1.5 sq mm FRLS PVC insulated copper conductor wire on concealed / surface manner with heavy duty PVC conduit of 20 mm/ casing capping from MCB DB to the switch boards as per direction of Engineer Incharge. The work also includes inverter wiring for some of the lights, fans etc from inverter DB to the switch boards with grey colour 2.5 sqmm FRLS copper conductor wire.	85 nos.		
02	Speaker wiring for wall/ceiling mounted speaker system using twin parallel type speaker cable 2x1.5 sq mm (16AWG) oxygen free PVC insulated copper conductor wire (speaker mounting shall be such a way that its height shall be 8feet from the flooring) on concealed / surface manner with heavy duty PVC conduit of 20 mm / casing capping with connection complete including all accessories like modular type Square/round blocks, screw, gitti, saddles etc.as per direction of Engineer Incharge.	12 nos.		
02	Telephone point wiring using 2 pair 0.5 mm dia PVC insulated annealed copper conductor, un-armored telephone wire/cable on concealed / surface manner with heavy duty PVC conduit of 20 mm / casing capping including supply, fixing MS box, modular front plate, telephone socket outlet with connection complete as per direction of Engineer Incharge.	04 nos.		
03	Cable TV point wiring using RG6 copper conductor PVC insulated coaxial TV cable from balcony to Living room/ Bed rooms in concealed manner/ surface manner with heavy duty PVC conduit of 20 mm/ casing capping including	04 nos.		

	supply, fixing MS box, modular front plate, TV socket outlet with connection complete as per direction of Engineer Incharge.			
04	Plug point wiring using circuit of 1.1 KV grade 2x2.5+1x1.5 sq mm FRLS PVC insulated copper wire on concealed / surface manner with heavy duty PVC conduit of 20 mm / casing capping & all accessories including supply & fixing 1nos. 6/10 A modular switch, 1nos. 5 pin 6/10A modular socket outlet, suitable size MS box, modular front plate with connection complete but not more than 3 points in one circuit and as per direction of Engineer In charge.	26 nos.		
05	Plug point wiring using circuit of 1.1 KV grade 2x2.5+1x1.5 sq mm FRLS PVC insulated copper wire on concealed / surface manner with heavy duty PVC conduit of 20 mm & all accessories including supply & fixing 2nos. 6/10 A modular switch, 2nos. 5 pin 6/10A modular socket outlet, suitable size MS box, modular front plate with connection complete but not more than 2 points in one circuit and as per direction of Engineer In charge.	7 nos.		
06	Power point wiring using circuit of 1.1 KV grade 2x2.5+1x1.5 sq. mm FRLS PVC insulated copper wire on concealed/ surface manner with heavy duty PVC conduit of 20 mm / casing capping & all accessories including supply & fixing of one no. 16/20 Amp modular switch, one no. 16/20A twin (3&6pin) modular socket, MS box, modular front plate with connection complete as per direction of Engineer In charge.	17 nos.		
07	Combined plug point wiring using circuit of 1.1 KV grade 2x2.5+1x1.5 sq mm FRLS PVC insulated copper wire on concealed / surface manner with heavy duty PVC conduit of 20 mm / casing capping & all accessories including supply & fixing of 01 no. modular 6/10 A switch, 01 no. 5/6 pin 6/10A socket, 01 no. 16/20A modular switch, 01 no. 16/20A twin (3&6 pin) socket, MS box, modular front plate with connection complete as per direction of Engineer In charge.	6 nos.		
08	Inverter Input output wiring for VOF using circuit of 1.1 KV grade 2x4.0+1x2.5 sq. mm for input and 4.0 sqmm for output FRLS PVC insulated copper wires on concealed/ surface manner with heavy duty PVC conduit of 20 mm / casing capping & all accessories including supply & fixing of two nos. 16/20 Amp modular switches, two nos. 16/20A twin (3&6pin) modular socket, MS box, modular front plate, two nos. 20/10A 3 pin plug tops etc. with connection complete as per direction of Engineer In charge.	04 nos.		
09	On board Common plug point of 3 pin 5/6 A modular socket outlet with 6 A modular switch & connection complete on the existing modular plate switch box with connection, testing complete.	15 nos.		
10	Supply & fixing of a call bell with bell push, suitable for	4 nos.		

	single phase 230 V with connection, testing complete.			
11	Supplying including fitting fixing of following star rated new 450 mm dia bracket/wall fan in metal body and metal blade of Orient Electric (TORNADO Wall Black Metal) or equivalent of approved make, complete with all accessories with necessary connection cable etc. with connection testing complete as per direction of Engineer In charge.	26 nos.		
12	Supply, Installation, Testing & Commissioning (SITC) of IP 43-IK 09 grade 16 way SPN double door MCB DB, 240 volt on concealed with tinned copper bus-bar, neutral & earth bus-bar, din bar etc., Comprising of, 40 A DP MCB as incomer - 01 no., 10-20 A SP MCB as outgoing - 10 nos.	04 nos.		
13	SITC of 900VA or equivalent capacity Inverter system with 150AH tubular battery with modular type trolley with castor wheels etc. complete including all accessories and as per direction of Engineer Incharge.	04 nos.		
14	Supply, Installation, Testing and Commissioning of Armored XLPE/PVC 3Cx6sqmm copper conductor cable from the Main panel to the individual DB inside flats. Work includes all the accessories i.e. GI clamps, saddles, screw, gitti and termination with cable glands, thimbles etc connection complete.	100 mtr		
15	Removal & dismantling of old wiring, light fixtures/accessories etc as per direction of Engineer Incharge.	Lump Sum		
16	Rebate for taking away the old wiring, light fixtures/accessories etc. as per direction of Engineer Incharge.	Lump Sum		
			Total =	

- Rates quoted should be inclusive of all taxes.
- Firms are requested to visit the site before quoting.
- Last date of submission of sealed quotation is till 14:00 Hrs on January 18, 2022

Signature of the contractor/firm

Date: