



**RESERVE BANK OF INDIA
Estate Cell, Belapur Office**

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Date of Publish: April 13, 2015

Tender No.T-15-2014-15 – Providing wiring to the IP based CCTV Console room at first floor of Banks' Main Office Building, CBD-Belapur, Navi Mumbai – 400 614

The sealed tenders in two separate covers – Part-I and Part-II are invited from enlisted contractors under the category of electrical works costing upto ₹ 05.00 lakh for the captioned work at the Bank's Main Office Buildings Belapur, Plot No.3, Sector-10, H H Nirmala Devi Marg, CBD-Belapur, Navi Mumbai – 400 614

The Tender Document can be collected from Reserve Bank of India, Estate Cell, Belapur, Navi Mumbai from April 13, 2015 to April 20, 2015 between 10:30 am to 03:00 pm free of cost. It can also be downloaded from the Bank's website www.rbi.org.in.

Last date of submission of the Tender document is April 21, 2015 before 2.00 pm. The estimated cost of the work is ₹ 2.73 lakh (Rupees two lakh seventy three thousand only) inclusive of all taxes.

(Ajay Michyari)
Chief General Manager
April 11, 2015

RESERVE BANK OF INDIA, ESTATE CELL, BELAPUR

PART 1

Commercial/ technical specification

**Wiring to the proposed IP based CCTV console Room at first floor of
Reserve Bank of India,
Office Building Belapur Navi Mumbai.**

COMMERCIAL CONDITION

1. Sealed tender are invited for the captioned work at RBI Belapur Navi Mumbai.
2. The tenders for above work is in two parts i.e. Part-I containing technical specifications, and the terms and conditions (rates & amounts shall not appear in this part) and Part-II containing only rates of items and amounts stated in figures and words shall be submitted, both in duplicate and in separate sealed covers addressed to Shri. Ajay Michayari , Chief General Manager, Reserve Bank of India, Estate Cell, CBD, Belapur, Navi Mumbai-400 614 so as to reach him not later than 14.00 hrs. on 21-04-2015 . Terms and conditions shall be submitted along with Part-I of the tender which will be opened on the same day at 15.00 hrs on 21.04.2015. All the envelopes shall be superscribed as Wiring to the proposed IP based CCTV console room at first floor of RBI Office Building Belapur Navi Mumbai.
3. Part I/Part II of the tender will be opened on the same day or subsequent date under intimation to all the tenderers.
4. The tenders shall be valid for a period of 45 days from the date of opening of Part-II & shall be extended by such period as may be mutually agreed to.
5. All corrections/alterations made, while filling the rates and amount should be authenticated by signature of authorized officials.
6. The tenderer should ensure that no damage is caused while carrying out the work and the damages, if any, happened should be rectified at his own cost and risk.
7. Tenderers must visit the site before quoting the rates to assess the works to be carried out.
8. Works shall be commenced immediately after the receipt of work order and completed within 30 days from the date of work order.
9. Entire work shall be guaranteed for a period of one year from the date of completion of the work.

10. Following terms of payment will be adhered to the full and final bill of the entire work shall be released on satisfactory completion of the work.

5% of the bill amount will be withheld by the Bank for a period of one year as security deposit and shall be released only after expiry of one year defect liability period. If the contractor fails to attend the defects reported to the firm during the DLP, the security deposit so paid would be forfeited by the Bank.

11. The Bank reserves the right to accept or reject any or all the tenders without assigning any reasons thereof.

12. The rate quoted shall be firm & shall not be subjected to variation in exchange rates, customs/excise duty or any other statutory duty or levies including local levies or variation in the labour rates etc. shall be for complete works. The rate shall be inclusive of all taxes, (including service tax) duties levies imposed or to be imposed by Central/State Government/any other local bodies, charge for consumable, labour, transport, insurance (for transit, storage, installation, testing and commissioning, workman compensation & third party liability etc.) till the work is finally handed over to the Bank in writing.

13. Liquidated damages shall be levied @ 0.25% of the total contract value per week for the delay subject to a maximum of 10% of the contract value.

14. Tenders will be opened in the presence of representatives of the tenderers, if available, during the time of opening of the Tender.

15. Approved make of materials only shall be used for the work.

16. The contractor should specify the make of item selected for the quote from the approved list of make.

17. The contractor should ensure uninterrupted water supply to the flats while execution of work.

Place
Date

Seal & Signature of Contractor

Approved make of Materials to be used for the work..

Please tick the make of item selected for the quote.

Approved make of materials.

- 1) PVC insulated FRLS wire: Policab or fiinolex with ISO mark.
- 2) PVC insulated armoured copper cable: Policab, finolex with ISO mark.
- 3) Metal Conduit : Bharath or Gupta with ISO mark.
- 4) Cable Gland : Comet or Siemens, GEM with ISO Mark.
- 5) Distribution Board : Legrand or L&T with ISO mark.
- 6) MCBs : Legrand or L&T with ISO mark
- 7) Digital Timer control : Proton or equivalent

Seal and signature of the contractor.

Place
Date.

RESERVE BANK OF INDIA, BELAPUR , NAVI MUMBAI .

PART II PRICE BID

Schedule of quantities for wiring works in the proposed IP Based CCTV Console Room at RBI Belapur, Navi Mumbai.

Sl.No.	Description	Qty.	Rate	Amt.
1	Supply Installation Testing and Commissioning of three phase four way TPN Distribution Board comprising the MCBs in open system on wall by using suitable bracket etc. as required and as directed.			
a)	63 Amps TPN MCB 1 No. as incomer 32 Amps SPN MCB 4Nos. as outgoing 16 Amps SP MCB 4Nos. ,, 10 Amps SP MCB 4Nos. ,, (For lights, ACs, and Fan.)	1No.		
b)	63 Amps TPN MCB 1 No. as incomer 32 Amps SPN MCB 5Nos. as outgoing 16Amps SP MCB 4Nos. as outgoing 10 Amps SP MCB 4Nos. as outgoing. (For UPS Connection.)	1No.		
2	Supply and Laying PVC insulated sheathed armoured copper conductor cable on surface /wall/ceiling by using spacer and saddles together with two runs of No.12 SWG copper earth wire etc. as required and as directed.			

	4 Core 10 Sq. mm (from UPS Panel at 2 nd floor to DB) -	130Mtr.		
	4 Core 16 Sq.mm (from Power Pane 1 st floor to DB)	45 Mtr.		
3	Termination of the above cable by using brass compression glands, brass banana sockets etc. as required and as directed.			
a)	4Core 10 Sq.mm PVC armoured copper cable	2Nos.		
b)	4Core 16 Sq.mm PVC armoured Copper Cable.	2Nos.		
4	Wiring to the light points in flexible metal conduit system by using 2x1.5Sq.mm for phase and neutral and 1 Sq.mm for earth-PVC insulated FRLS wire fixed on ceiling by using necessary hardware and controlled with the MCBs. Two lights controlled with MCB Three lights controlled with MCB Four light controlled with MCB	1Set. 1Sets. 1Set.		
5	Wiring to the AC points by using metal conduit system on wall/false ceiling/flooring controlled with MCBs as per usual practice by using 2x4sq.mm PVC insulated Copper FRLS cable for phase and neutral and 2.5 sq. mm PVC insulated Copper FRLS cable for earth wire etc. as required and as directed. For single phase AC unit	2 Nos.		

	For three Phase AC unit	2Nos.		
6	Supply Installation Testing and Commissioning of 32 Amps Rayroll plug points controlled with 32 Amps MCB housed on and duly powder coated MS box and connecting the earth wire etc. as required and as directed			
a)	440 Volt three phase AC unit.	2Nos.		
b)	230 Volt single phase.	2Nos.		
7	Supply Installation Testing and Commissioning of Digital Timer control for the above points to automate the working of AC units alternately to work one of the units with time gap of two hours. (One of the AC Unit should work continually). The timer should have by pass arrangement to work both AC together on need basis.			
a)	440 Volt 50 HZ Three Phase Timer.	1No.		
b)	230 Volt 50 HZ Single Phase Timer.	1No.		
8	Fixing, Testing, and Commissioning the Light fitting by using requited hardware like steel wire ,fasteners etc. on the ceiling as directed by the Bank. (Light fittings will be supplied by the Bank.)	9Nos.		

9	<p>Removing, shifting/ fixing the existing three phase MCB Distribution Board with all accessories about 10 Mtrs. From the existing location by</p> <p>extending the incomer supply by using 4 Sq. mm PVC insulated FRLS cable and with 2 Sq.mm PVC insulated FRLS wire for circuit wiring and earth wire with PVC insulated FRLS wire of 1 Sq.mm connected from a suitable size duly powder coated three phase MS enclosure fitted with heavy duty backlit connector etc. as required and as directed.</p>	2Nos		
10	<p>Preparation of site by carefully removing the existing installation including the light fittings ,fan, wiring , switch board etc. and handing over to the bank in a specified area etc. as required and as directed</p>	LS.		
	Total Rs.			

(Rupees.....

Place

Date.

Seal and Signature of the Contractor.