

निविदा दस्तावेज/TENDER DOCUMENT  
(नियम, शर्तें एवं ड्राइंग्स/Terms, Conditions & Drawings)

भाग/PART-ए/B

**Financial BID / वित्तीय बोली**

Electrical, Low Side AC and Allied works at B/O Opera House – Queen's Diamond, 5, Mama Parmanand Marg, Opera House, Mumbai-400004



विज्ञापन की दिनांक/ Date of Advertisement	10-06-2024
प्रस्तुत करने की अंतिम दिनांक / Last Date of Submission	02-07-2024 by 15:00Hrs
खुलने की दिनांक /Opening Date	तकनीकी बोली/Technical Bid : 02-07-2024 वित्तीय बोली: तकनीक रूप से अहर्ता प्राप्त ठेकेदार को सूचित किया जाएगा/ Financial Bid: To be intimated to Technically Qualified Contractors.
कार्य अवधि/Time Period of Work	कार्य आदेश प्रदान करने की दिनांक से 90 दिन /90 days from award of Work Order
बयाना जमा राशि/Earnest Money Deposit	<b>Rs.12,000.00 (Rupees Twelve Thousand Only)</b> DD favoring Central Bank of India, Payable at Mumbai.
निविदा दस्तावेज का मूल्य/Cost of Tender Document(गैर वापसी योग्य/Non Refundable)	रु. /Rs.2000.00 (सेन्ट्रल बैंक ऑफ इंडिया के पक्ष में मांग ड्राफ्ट जो मुंबई पर देय हो/ DD In Favor of Central Bank of India, Payable at Mumbai or be deposited in the below account and the UTR number be uploaded
<b>AC NO: 1001788300, IFSC: CBIN00280606, Central Bank of India Boribunder Branch, Mumbai.</b>	
MSME Registered Vendors are Exempted from EMD and Tender Fees Relevant Documents to be submitted in Technical Bid.	
खुलने की दिनांक से निविदा की वैधता/Validity of Tender from the date of opening of Financial Bid.	90 दिन/ days
प्रस्तुत किए जाने वाले दस्तावेज/ Documents to be provided	निविदा आमंत्रण सूचना के अनुसार/As per Notice Inviting Tender.
Independent External Monitor (IEM)	Mr Trivikram Nath Tiwari MAIL ID: - <a href="mailto:trivikramnt@yahoo.co.in">trivikramnt@yahoo.co.in</a> Mr. Jagadip Narayan Singh MAIL ID: - <a href="mailto:jagadipsingh@yahoo.com">jagadipsingh@yahoo.com</a>
Email for Correspondence	<a href="mailto:gadmumro@centralbank.co.in">gadmumro@centralbank.co.in</a> <a href="mailto:archmmzo@centralbank.co.in">archmmzo@centralbank.co.in</a>
संपर्क व्यक्ति का नाम/Contact person name	Mr.Manish Kumar-Senior Manager Amarnath .V – Senior Manager Architect 022-40345840/40345872/6303929013
बोलियां जमा करने का स्थान / Place of submission of Bids & opening of bids	South Mumbai Regional Office, Ground Floor ,346 Standard Building, Dr D.N.Road, Fort, Mumbai-400023

South Mumbai Regional Office, Ground Floor ,346 Standard Building, Dr D.N.Road, Fort, Mumbai-400023. Visit us at [http:// www.centralbankofindia.co.in](http://www.centralbankofindia.co.in)

### **PREAMBLE TO THE BILL OF QUANTITIES**

The work proposed to be carried out at the proposed Office premises as mentioned on the cover page (page no.1) of the tender. The quality of work proposed should have ***the best workmanship***. The contractor should ensure that only the first quality materials mentioned in the list of material is purchased for the project.

1. The work should be carried out in such a way that the structure is not disturbed.
2. Any difference / discrepancies in the specification should be clarified with the Engineer in charge before submitting the tender. **The Engineer in charge will have the liberty to modify the specification to a reasonable limit to suit the basic concept during the course of work; the tenderer should carry out such work without any extra cost.**
3. **In case of any major modification such items will be considered as extra items. Payment for such items will be paid based on the Engineering rate / Market rate analysis. 15% of the total cost of material and labour will be considered as tenderer's profit.**
4. **The contractor should co-ordinate with the other contractors employed at the site for smooth flow of work.**

### **NOTE:**

The building is occupied by the Bank. The work needs to be carried out as per the instruction of the Bank time schedule. Further, the work needs to be carried in phase wise. The Contractor should prevent the external glazing and the flooring with plastic sheets and P.O.P. sheet respectively.

1. **The contractor should obtain necessary permission from the BMC any Government Authority if required along with the security deposit amount, the security amount will be reimbursed to the contractor.**
2. The Contractor needs to clean the site on day-to-day basis.

### **IMPORTANT:**

**Rates quoted shall be deemed to be inclusive of the following general scope of items.**

1. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of constitution already existing (so far as in practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender.

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2. **A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.**
3. The tenderer shall be responsible for arranging and maintaining at own cost all materials, tools and plants, facilities for workers and all other services required for the execution of the work unless otherwise specifically provided for in the contract documents.
4. Submission of tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specification of the work to be done and of conditions and rates at which stores, tools and plants etc. if any will be issued to him by Bank and local conditions and other factors having a bearing on the execution of the work. The tenderer must also study the neighbourhood, rules and regulations for building as well as the area where it is situated.
5. Allow for Provision of all record drawings showing complete installation, structure & architectural form as installed.
6. Allow for preparation & submission of As-built drawings in soft & Hard copies along with all operating manuals, maintenance manuals procedures and all other documentation, certifications, warranties/guarantees as required
7. **Mobilization:** Mobilization of Necessary Personnel required for the works
8. **Coordination:** Allow for the comprehensive coordination of all services with other contractors, clients, building maintenance team, security
9. **Cleanliness:** To maintain the site clean throughout the project & final professional cleaning of the site
10. **Scaffolding:** Necessary Scaffolding to Carry out the Works including additional high scaffolding for ceiling Works
11. **Insurance:** Maintaining approved insurance as required equal to contract value
12. **Protection:** Protection of existing finishes while working
13. **Municipality Liaisoning Works:** Allow for Liaisoning Works with Municipality & Preparation of all Necessary Drawing for Obtaining Approvals from Concerned Authorities Excluding any Fees, Deposits, Charges for the same. The contractor should obtain all required approvals before the start of the works.

**14. Shop Drawings**

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- a) Allow for preparation of Shop Drawings for:
- b) Furniture, Plumbing & Drainage
- c) Architectural & Finishes
- d) Builder's work Drawings
- e) **Drawings portfolio to be approved before commencing of works on site the total completion period of the project is inclusive of this item. Drawings are to be provided as per the attached annexure.**

**BILL OF QUANTITIES:**

1. Rates to be quoted by the tenderers in the item rate tender in figures and words shall be accurately filled in, so that there is no discrepancy in the rates written in figure and in words. However, if a discrepancy is found between the rate written in figures and rate written in words then the rate which correspond with the amount worked out by the contractor shall be taken as correct.
2. If the amount of an item is not worked out by the tendered, or it does not correspond with the rate written either figures or in words, then the rate quoted by the tenderer in words shall be taken as correct.
3. Where the rate quoted by the tenderer in figures and in words tally but the amount is not worked out correctly, the rate quoted by the contractor will be taken as correct, not the amount.
4. The work needs to be carried out as per the time schedule instructed by Bank.
5. All other office furniture, office equipment, flooring, false ceiling etc. to be cover with plastic sheet or required packing materials
6. Any damages done by the contractor will be recover from the contractors.
7. Cleaning to be done on day-to-day basis.
8. Electrician and one supervisor should be posted in working day to avoid any office disturbance and maintain the office smoothly.

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**SUMMARY OF BILL OF QUANTITIES**

<b>PART</b>	<b>DESCRIPTION</b>	<b>AMOUNT (Rs.)</b>
<b>A</b>	<b>MAIN POWER PANEL &amp; DISRIBUTION BOARDS</b>	
<b>B</b>	<b>MAIN LT CABLES.</b>	
<b>C</b>	<b>LIGHTING AND POWER WIRING</b>	
<b>D</b>	<b>FLOOR RACE WAYS AND CONDUITS</b>	
<b>E</b>	<b>LIGHT FITTINGS</b>	
<b>F</b>	<b>VOICE CABLING</b>	
<b>G</b>	<b>EARTHING</b>	
<b>H</b>	<b>NETWORK CABLING</b>	
<b>I</b>	<b>AIR CONDITION LOW SIDE WORKS</b>	
	<b>TOTAL</b>	
	<b>ADD GST AS APPLICABLE</b>	
	<b>GRAND TOTAL INCLUDING GST</b>	
<b>(RUPEES IN WORDS):</b> _____ <b>ONLY</b>		

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BILL OF QUANTITIES					
PART A : MAIN POWER PANEL & DISRIBUTION BOARDS					
Sno	Details of works.	Qty	Unit	Rate(Rs.)	Amount(Rs.)
	<b>MAIN POWER PANEL &amp; DBS.</b>				
1	SITC of 125 Amps. TPN MCCB with enclosure in meter room.	1	Set		
2	<b>Main Panel:</b>	1	Set		
	Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-draw out-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated after 7 Tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, 2 earthing legs, cable chamber etc. as required, housing below mentioned switch gears / meter ( GA drawing of the panel got to be approved by Bank / Architect) the panel should include the provision for following incomers and outgoing MCB s				
	<b>INCOMER :</b>				
	S & I 125amps ,TPN MCCB with 25KA breaking capacity - 1 No.				
	<b>OUTGOING :</b>				
	S& I 2 Nos. 63A TPN MCB - for lighting / RAW Power				
	S& I 2 Nos. 63A TPN MCB - for UPS Power				
	S& I 3 Nos. 32A DP MCB - for Glow sign board and AC				
	S& I 2 Nos. 63A TPN MCB - for AC				
	S& I 1Set, TPN, Copper busbars of size 25mm x 5mm thk PVC insulated suitable for 200 Amp load				
	S& I 1 no., 0-150A, Ammeter with CT and selector switch				
	S& I 1no., 0-500V, Voltmeter with selector switch and fuse				
	S& I 1 Set of LED- R, Y, B, indicating				

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	lamps with resistors and fuses				
3	<b>LIGHTING &amp; AC DISTRIBUTION BOARD</b>	2	Set		
	P & F of 4 WAY TPN Double Door DB with incomer 63Amps FP MCB, outgoing 1 Nos. 63Amps 100 ma FP RCCB, 24 Nos SP MCB, etc complete ( Make:- Legrand / Merlin Gerin / Hagger )				
4	<b>UPS POWER DISTRIBUTION BOARD</b>	2	Set		
	P & F of 12 WAY SPN Double Door DB with 63Amps DP MCB, outgoing 1 Nos.40/Amps 100ma DP RCCB, with 8 NOS SP MCB, ( Make:- MDS Legrand / Merlin Gerin / Hagger )				
5	<b>ATM DISTRIBUTION BOARD</b>	1	Set.		
	P & F of 4 WAY TPN Double Door DB with incomer 63Amps FP MCB, 4 Nos SP MCB 2 Nos DP MCB 4 Nos. SP MCB, etc complete ( Make:-Legrand / Merlin Gerin / Hagger )				
6	P & f of 63 Amps FP MCB in Box.	2	Set		
7	P & f of 63 Amps DP MCB in Box.	4	Set		
	<b>TOTAL MAIN POWER PANEL &amp; DISRIBUTION BOARDS</b>				
<b>PART B : MAIN LT CABLES.</b>					
Sno	Details of works.	Qty	Unit	Rate(Rs.)	Amount(Rs.)
	Supplying, Installation, Testing & Commissioning of LT Cable rated for 600/1100 V as per IS Standard				
1	3.5 Core x 35 sq.mm. Al Armored Cable	40	Mtrs		
2	4 Core x 6 sq.mm. CU Armored Cable	60	Mtrs		
3	3 Core x 4 Sq.mm. CU Armored Cable	200	Mtrs		
4	4 Core x 10 sq.mm. CU Armored Cable	25	Mtrs		
5	4 Core x 16 Sq.mm. CU Armored cable.	30	Mtrs		
6	10 Sq.mm. CU Lead Wire Copper Lead Wire in 32mm.PVC pipe for UPS Input.	30	Mtrs		
7	S/I/T/Commissioning of LT Cable Termination with brass gland and Termination of Each Core with necessary required Copper Lugs etc.				

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a	3.5 Core x 35 Sq.mm. Al Armored cable.	4	Nos.		
b	3 Core x 4 Sq.mm. CU Armored cable.	10	Nos.		
c	4 Core x 6 Sq.mm. CU Armored cable.	16	Nos.		
d	4 Core x 10 Sq.mm. CU Armored cable.	2	Nos.		
e	4 Core x 16 Sq.mm. CU Armored cable.	0	Nos.		
<b>TOTAL FOR MAIN LT CABLES.</b>					
<b>PART C : LIGHTING AND POWER WIRING</b>					
Sno	Details of works.	Qty	Unit	Rate(Rs.)	Amount(Rs.)
	<b>LIGHTING AND POWER WIRING</b>				
	Supply & Installation of concealed point wiring using 600v grade 1.5 sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling including 2.5 sq.mm circuit wires from the relevant DB and also including 2.5 sq.mm green color copper earth wire and switch plate, switches, etc. as approved by the consultant. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.)				
1	Primary light points including the cost of 5A switch	60	Nos		
2	Secondary light points looped from the above point	10	Nos		
3	5A Plug point on switch board	8	Nos		
4	Exhaust fan point consisting of 5A socket near fan and switch on light switch board	3	Nos		
5	Supply & installation of 5/15A Plug Point directly taken from DB etc. including 2 x 2.5 sq mm circuit wires directly taken from the relevant DB and also including 2.5 sq mm green color copper earth wire all laid through PVC conduit with all necessary hardware & accessories, etc. (/ Raw Power)	10	Nos		
6	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers	18	Nos		

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	using 3C X2.5 Sq mm 1 X 1.5 Sq mm copper conductor PVC FRLS wires pulled through already laid floor raceways and taken up to table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 3 no's of 5A , 2/3 pin sockets & 1 No., 15A Switch , wired together forming one point. (ONLY TWO tables served by one circuit from DB)				
7	Supply & Installation of point wiring for raw POWER plug points on workstations / table for computers using 2C X2.5 1 X 1.5 Sq mm copper conductor PVC FRLS wire conductor PVC sheathed white color flexible cable pulled through already laid floor raceways and taken up to table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 1 no's of 5A , 2/3 pin sockets & 1 No., 15A Switch , wired together forming one point. (ONLY FOUR tables served by one circuit from DB)	20	Nos		
8	S & I of 5/a5AMps Socket with 32amps SP MCB plate & box with 15amps top Nr ac Unit.	6	Nos.		
	<b>TOTAL LIGHTING AND POWER WIRING</b>				
<b>PART D : FLOOR RACEWAYS AND CONDUITS</b>					
<b>Sno</b>	<b>Details of works.</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate(Rs.)</b>	<b>Amount(Rs.)</b>
1	Supplying, Installation, Testing & Commissioning of following raceways / conduits in flooring. The rate shall be inclusive of removing the flooring by cutter & back filling the same with required Sand, Cement etc. and giving the finishing up to the floor level as per Instruction of Architect / Engineer.				
a	25mm Dia PVC conduit MMS Grade.	200	Mtrs		
2	<b>FLOOR JUNCTION BOX</b>				

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	Supplying, Installation, Testing & Commissioning of following GI junction boxes in floor of 14 SWG thick duly painted. The rate shall be inclusive of providing Sand, Cement etc. and finishing the same up to the floor level as per instructions of the Architect / Engineer.				
a	250mm x 250mm x14 SWG Junction Box with Stainless	8	Nos.		
b	300mm x 300mm x14 SWG Junction Box with Stainless	8	Nos.		
	<b>TOTAL FLOOR RACEWAYS AND CONDUITS</b>				

**PART E : LIGHT FITTINGS**

Sno	Details of works.	Qty	Unit	Rate(Rs.)	Amount(Rs.)
E	<b>LIGHT FIXTURE</b>				
1	2 x 2 x 36 Watts LED Light Fixture with accessories such as Chain Link Support on ceiling.	20	Nos.		
2	15/Watts LED down light Fixture.	30	Nos.		
3	2/4 Feet LED Tube light Fixture	6	Nos.		
4	9" Exhaust Fan	3	Nos.		
5	16" Wall Fan Fan	6	Nos.		
6	48" Ceiling Fan.	1	Nos.		
	<b>TOTAL FOR LIGHT FITTINGS</b>				

**PART F : VOICE CABLING**

Sno	Details of works.	Qty	Unit	Rate(Rs.)	Amount(Rs.)
F	<b>VOICE CABLING</b>				
1	S/I/T/C of 10 pair telephone Cable in 25mm PVC pipe MMS grade.	30	Mtrs		
2	S/I/T/Commissioning of 20 Pair telephone tag block with 2 Nos. 10 pair crone module with Termination & Crimping etc. complete.	1	Nos		
3	S/I/T/Commissioning of Telephone point with 1 No.of RJ 11 socket, 1 Module Plate, Box etc. from Tag Block upto the Point. Including 2 Pair	8	Nos.		

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	telephone cable in already laid pipes and raceways.				
	<b>TOTAL FOR VOICE CABLING</b>				
<b>PART G : EARTHING</b>					
Sno	Details of works.	Qty	Unit	Rate(Rs.)	Amount(Rs.)
1	Supplying/ Installation/ Testing & Commissioning of Earthing station with 300 x 300 x 3mm thick CU plate as per IS 643. Rate shall be inclusive of supply installation of CU Plate, 25mm dia GI pipe with funnel for water and 450mm Cast Iron cover with its frame. Necessary digging of earth pit, excavation, back filling of earth, electrode, charcoal, salt layer & brick masonry work in proper manner.	2	Nos.		
2	S/I/T/Commissioning of 25mm x 3mm GI Earthing Strip.	10	Mtrs		
3	S/I/T/Commissioning of 1 No .of 4sq.mm.single core	50	Mtrs		
	<b>TOTAL FOR EARTHING</b>				
<b>PART H : NETWORK CABLING</b>					
Sno	Details of works.	Qty	Unit	Rate(Rs.)	Amount(Rs.)
	<b>DATA CABLING</b>				
1	Supplying / Installation/ Testing & Commissioning of D LINK make CAT 6 wires from Server to each work station	12	PTS.		
2	Supplying / Installation/ Testing & Commissioning of D LINK make CAT 6 IO with box.	12	Nos.		
3	S/I/T/C of D LINK make 1 Rmts. Patch Chord.	12	Nos.		
4	S/I/T/C of D LINK make 2 Rmts. Patch Chord.	12	Nos.		
5	S/I/T/C of D LINK make 15U NETWORK RACK.	1	Nos.		
6	S/I/T/C of D LINK make 24 port JACK PANEL.	1	Nos.		

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7	S/I/T/C of D LINK make 24 Port SWITCH	1	Nos.		
	<b>TOTAL FOR NETWORK CABLING</b>				

**PART I: AIR CONDITION LOW SIDE WORKS**

S.No.	Details of works.	Unit	Quantity	Rate	Amount
	ITEM AND SPECIFICATION			(Rs.)	(Rs.)
1	Supplying & laying suitable Copper refrigerant piping with all required material.	RMT	50		
2	Supplying & laying suitable PVC Drain piping with all required material.	RMT	50		
3	Supplying & fixing suitable MS Stand with Cage with locking arrangement for 1.5 tr/2 tr AC outdoor	No's	4		
4	Supplying & fixing suitable MS Stand with Cage with locking arrangement for 3 tr CASSETTE AC outdoor	No's	2		
5	Supplying & laying of power cable from indoor to outdoor suitable for 1.5 tr /2 tr load/AC	RMT	25		
6	Supplying & laying of power cable from indoor to outdoor suitable for 3 tr load/AC	RMT	25ss		
	<b>TOTAL FOR AIR CONDITION LOW SIDE WORKS</b>				

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**Confirmation of Acceptance of Tender terms and conditions**

(To be signed by the bidder and enclosed along with their offer in a separate envelope)

We have studied the terms and conditions of Tender Enquiry including General and Special terms and conditions, the specifications, lay-out drawings, Schedule of Quantities, Commercial terms and conditions, Approved Makes, etc.

We are accepting all terms and conditions of the Tender without any deviation.

Offer with any deviations from the Tender Enquiry are likely to be rejected.

We also understand that the order / s will be placed in the name of principals only and not in the name of their dealer/s. Our quotation is based on the above.

**Date:** \_\_\_\_\_

**SIGNATURE OF TENDERER**

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### **DECLARATION**

**I / We hereby declare that I / We have read and understood the Terms and Conditions of the contract, Specifications, Drawings, Schedule of Quantities etc. and hereby agree to abide by them. In token thereof, I / We have signed below and at the end of the Schedule of Quantities, failing which the tender is liable to be rejected.**

**I / We understand that our Tender will not be considered if the rates for items are not written both in FIGURES and WORDS.**

**I / We hereby confirm that only the relevant entries asked for, have been made within the Tender documents issued to us. I / We also confirm that in the event of any entry in this Tender document other than the relevant entry or condition shall make this Tender invalid.**

**Date : \_\_\_\_\_**

**SIGNATURE OF TENDERER**

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