

# INDIAN BANK

## TENDER

## FOR

### FURNISHING & RENOVATION OF CHIEF LEARNING OFFICER (CLO) ROOM IN 3<sup>RD</sup> FLOOR OF IMAGE CAMPUS, M.R.C. NAGAR, R.A.PURAM, CHENNAI

Ref:No: CO:EST:TNR:BG:004:2020-21

Date : 08.09.2020

From:

.....  
.....  
.....

This Tender document contains 19 pages

Signature & Seal of the Bidder

## INDEX

<u>DESCRIPTION</u>	<u>PAGE NOS.</u>
NOTICE INVITING QUOTATION	3
GENERAL RULES AND INSTRUCTIONS TO BIDDERS	5 - 6
APPROVED LIST OF MATERIALS	7 - 11
SCHEDULE OF QUANTITIES	12 - 18
DRAWING (PLAN & ELECTRICAL LAYOUT)	19

**INDIAN BANK**

**NOTICE INVITING QUOTATION**

Indian Bank, Corporate Office, Chennai invites sealed Quotation 'Furnishing & Renovation of Chief Learning Officer (CLO) Room in IMAGE Campus, M.R.C. Nagar, R.A.puram, Chennai' from our Bank's panel contractors empanelled for works in Tamil Nadu and Union Territory of Puducherry.

1.	Name of work	'Furnishing & Renovation of Chief Learning Officer (CLO) Room in IMAGE CaMpus, M.R.C. Nagar, R.A.puram, Chennai'
2.	Estimated cost of work	Rs.6.00 Lakh
3.	Period of completion	12 days reckoned from the date of issue of the Work Order or handing over of site whichever is later
4.	Validity of Quotation	30 Days from the date of opening
5.	Defects Liability Period	12 Months from the date of virtual completion of work
6.	Retention Money/ Security Deposit	8% against the final bill (No interim bill we permitted). 50% of the Security Deposit shall be returned within 15 days from the date of final payment and balance 50% after expiry of defect liability period
7.	Liquidated Damages	1% per week of the Contract Value subject to maximum total of 5% of Contract value
8.	Quotation Documents	PDF document can be downloaded from our website from 08.09.2020 to 10.09.2020.
9.	Cost of Quotation Documents	Nil
10.	Earnest Money Deposit	Nil
11.	Last date of submission of Quotation	10.09.2020 upto 15.00Hrs. at Indian Bank, Corporate Office, Premises, Estate & Expenditure dept, First Floor, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.
12.	Date of opening Quotation	10.09.2020 upto 15.30Hrs. at Indian Bank, Corporate Office, Premises, Estate & Expenditure dept, First Floor, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.

Note:

1. The bank reserves the right to reject any tender/ bid without assigning any reason.
2. The rates quoted by the tenderer/ bidder shall be based only on the specifications and conditions of the tender documents.
3. Bank is not liable to make any payment to tenderer/ bidders for preparation to submit the tender/bid.

**ASSISTANT GENERAL MANAGER (P&E)**

Indian Bank, Corporate Office,  
Premises, Estate & Expenditure Dept,  
First Floor, No. 254-260,  
Avvai Shanmugam Salai,  
Royapettah, Chennai – 600 014.  
Ph: 044 -28134300 (ext. 4401, 4498, 4306, 4305, 4501)  
Fax – 044-28134021

Signature & Seal of the Bidder

## GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF BIDDERS

1. Tenders, which should always be placed in sealed cover, with the name of the work written on the envelope "**Furnishing & Renovation of Chief Learning Officer (CLO) Room in 3<sup>rd</sup> floor of IMAGE Campus, M.R.C. Nagar, R.A.puram, Chennai**" will be received by Assistant General Manager (P&E), Indian Bank, Corporate Office, Premises, Estate & Expenditure Dept, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.
2. The Indian Bank does not bind itself to accept the lowest or any tender/ bid and reserves to itself the right of accepting the whole or any part of the tender/ bid and the tenderer/ bidder shall be bound to perform the same at the rate quoted.
3. The rate quoted by the Tenderer/ bidder shall be net, up to the stage of incorporation and handing over site. All taxes including Sales Tax or any other tax on material or on finished works like work's contract tax, Turn-over Tax, including taxes that may be newly introduced subsequent to the tender etc. in respect of this contract shall be payable by the Tenderer/ bidder and the Indian Bank will not entertain any claim whatsoever in this respect except the GST to the overall bid amount. The tenderer/ bidders shall indicate separately the present rate of WCT considered in arriving at the quoted amount.
4. The Tenderer/ bidder shall give a list of his relatives working with the Indian Bank along with their designations and addresses.
5. No employee of the Indian Bank is allowed to work as a contractor for a period of two years of his retirement from Indian Bank service, without the previous permission of the Indian Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Indian Bank as aforesaid before submission of the tender/ bid or engagement in the Tenderer/ bidders service.
6. The tender/ bid for works shall remain open for acceptance for a period of 90 days from the date of opening of Tender/ bid. If any tenderer/ bidder who withdraws his tender/ bid before the said period, then the Indian Bank shall be at liberty to debar the contractor from the panel.
7. It will be obligatory on the part of the tenderer/ bidder to sign & seal the tender documents for all the component parts.
8. **The retention amount at 8%** on the value of the bill paid will be held by the Indian Bank. **50% of the retention amount will be paid after completion of the project** and balance 50% will be released at the end of Defects liability period, subject to satisfactory rectification of defects noticed, if any. Retention amount held in our Indian Bank's books will not carry any interest.
9. The acceptance of a tender will rest with the Indian Bank and the Indian Bank reserves to itself the authority to reject any or all of the tenders received without the assignment of a reason. Tenders in which any of the prescribed conditions are not fulfilled (or) are incomplete in any respect are liable to be rejected. The Indian Bank reserves the right to accept the tender in full or in part and the tenderer/ bidder shall have no claim for revision of rates or other conditions if his tender is accepted in parts.
10. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Tenderer/ bidders who resort to canvassing will be liable to rejection.  
  
All rates shall be quoted on the proper form of the tender alone. **All the entries to be made legibly in ink only.** Rates written in pencil or any other mode shall not be considered for evaluation and will be rejected.
11. An item rate tender containing percentage below / above will be summarily rejected. However, where a tenderer/ bidder voluntarily offers a rebate for payment along with sealed tender, the same may be considered.

12. On acceptance of the tender the name of the accredited representative(s) of the Tenderer/ bidder who would be responsible for taking instructions from the Indian Bank shall be communicated to the Indian Bank.
13. Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in words and in figures.
14. The Contractor shall comply with and give all notices required under any law, rules, regulations, or bye-law of Parliament, State Legislature or Local Authority relating to works. If needed, the Contractor has to obtain required permission/ approval from the building secretary/ association. The Contractor shall before commencing the execution of work issue a certificate to the Employer that he has obtained all the permissions Registrations and give all the notices as are required to be obtained or given under law particularly blasting permission, Police permission etc.
15. The Contractor shall be required to maintain the site and the building areas in a neat and clean condition at all times to the satisfaction of the Employer. The Contractor shall especially take care to keep areas free from getting water logged, from concrete/mortar dippings, bricks, steel, shuttering materials or any other material / rubbish.
16. Debris and items removed from the building have to be neatly stacked at site and then periodically removed (maximum of one week), carried away by the Contractor and disposed off as per the rules and regulations of the Local Authorities concerned. No debris shall be thrown loose from upper floors. No floor, roof or other part of the building shall be over-loaded with debris or materials as to render it unsafe.
17. Employer reserves the right to insist on selection of material, workmanship, detailing and finishes, which they consider, is appropriate, and suitable for the intended use. The contractor is not eligible to claim extra on this account.
18. Employer will require the contractor to produce, samples of all the materials, accessories/ finishes prior to procurement/ manufacture. The samples of the materials for the work shall be got approved from the Employer. Failure to comply with these instructions can result in rejection of the work/ materials.
19. For painting, sample area shall be prepared and the shade got approved. It is also advised to give computer presentation of various colour schemes to the employer before going for sample painting.
20. The Tenderer/ bidder should note that he should execute his part of work without causing any damage to any component of the building and also without disturbing the occupants. Any damage so caused shall be made good at the cost & risk of the tenderer/ bidder.
21. The successful tenderer/ bidders shall include, in the quoted price, all allied civil works such as chasing in wall, drilling holes etc to support the frames, partitions, make the surface good after grouting, scaffolding required if any to load/ unload the materials etc.
22. **The successful contractor shall also be responsible for the safety and security of all their men & materials** and also for ensuring fire prevention steps at all times in the working premises including their part of the work. The successful contractor has to place full time representative at site, the representative should have thorough subject knowledge. Bank will not be responsible for any untoward accident caused by the negligence of the contractor.
23. The work shall be carried out without disturbing the existing occupants of other flats. Necessary barricading of the area, if required from the rest of the area shall have to be arranged by the successful contractor at no extra cost. The work is to be organized and executed so as to have least disturbance to the occupants of other flats.
24. **No interim bill payment is permitted.** The bills in proper forms must be duly accompanied by detailed measurements in support of the quantities of work done and must show deductions for all previous payments, retention money etc. The Employer after detailed scrutiny of the

interim bill shall certify full payment within **10 days** of the date of receipt of interim bill from the Contractor subject to submission of documentation as required.

**25. The contractor should ensure payment of minimum wages + VDA to all labourers / workmen staff employed by him inline with central/ state labour wage act whichever higher.**

a) The Contractor shall at all times indemnify and keep indemnified the Employer against all losses, claims, damages or compensation including under the provisions of the payment of the Wages Act 1936, Minimum Wages Act 1948, Employer's Liability Act 1938, Workman's Compensation Act 1923, the Maternity Benefit Act 1961, the Bombay Shops and Establishments Act 1947, Industrial Disputes Act 1947, and Contract Labour (Regulation and Abolition) Act 1970 and Employees State Insurance Act 1948, Motor Vehicles Act 1988 or any modifications thereof or under any other law relating thereto and rules made thereunder from time to time or as a consequence of any accident or injury to any workman or other person in or about the work whether in the employment of the Employer or Contractor or not, and also against all costs, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury or combination of any such claims

26. 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.

27. If the work is not started within **5 days** from the date of issue of work order then Employer 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 satisfactory and is not consistent 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.

28. The time allowed for completing the works is **12 days** to be reckoned from **15 Days** from the date of Work Order / date of handing over site whichever is later. Tenderer/ bidders shall submit a programme (time schedule) for executing the entire project and shall furnish the details of their scheme indicating the proposed deployment of their machinery and resources.

29. If the Contractor fails to complete any or all the works by the date/s named in "Date of Completion" or within any extended time (in case Bank Permits) then the Contractor shall pay or allow the Employer the sum to be worked out at **1.0%** of contract value per week to be recovered as Liquidated Damages (and not by way of penalty) for the delay, beyond the said date or extended time, as the case may be, during which the works shall remain unfinished and such damages may be deducted from any moneys due or which may become due to the Contractor. The maximum amount of Liquidated damages shall be **5%** of contract value. The contractor shall be bound to extend validity of Insurance Cover till such period of completion as may be considered necessary at their cost.

**ASSISTANT GENERAL MANAGER (P&E),**

Indian Bank Corporate Office,  
Premises, Estate & Expenditure Dept,  
No. 254-260, Avvai Shanmugam Salai,  
Royapettah, Chennai – 600 014.

Signature & Seal of the Bidder

**List of Materials of Approved Brand And/ Or Manufacture**

**Civil & Carpentry:**

1	Cement	1. Ultra Tech 2. Coromandel 3. ACC 4. Gujrat Ambuja or approved equivalent.
2	Steel	1. Sail 2. Tisco or approved equivalent.
3	Vitrified Tile	1. Kajaria 2. Somany 3. Euro 4. Jhonson 5. Nitco
4	Ceramic Tile	1. Somany 2. Kajaria 3. Euro 4. Nitco 5. Jhonson
5	Tile fixing Adhesive	1. Sika 2. Pidilite 3. Bal Endura 4. Fosroc 5. BASF or approved equivalent.
6	Marine Plywood	1. Century 2. Greenply 3. Archid 4. Mayur or approved equivalent
7	BWR grade phenol bonded plywood	1. Greenply 2. Century 3. Sharon Ply 4. Mayur or approved equivalent.
8	Particle Board	1. Greenply 2. Duro or approved equivalent
9	Block Board	1. Century 2. Greenply 3. Swastik or approved equivalent
10	Flush doors	1. Century 2. Kuty 3. Green ply or approved equivalent
11	Fibre Board (MDF, LDF)	1. Century 2. Novapan 3. Swastik or approved equivalent
12	P.O.P.	1. Gyproc India 2. India Gypsum 3. Saint Gobain or approved equivalent
13	Laminates	1. Greenlam 2. Euro lam 3. Merino 4. Sunmica or approved equivalent.

14	Handles	1. Godrej 2. Hafele 3. Dorset or approved equivalent.
15	Glass	1. Saint Gobain 2. Float Glass India (Asahi) 3. Modigaurd or approved equivalent.
16	Screws	1. IW nettle fold 2. Oxidised or approved equivalent.
17	Hardware (Hinges)	1. Earl Bihari (EBCO) 2. Godrej 3. Everite 4. Dorset or approved equivalent.
18	Adhesive for fixing laminate	1. Fevicol SH 2. Araldite of Ciba Geigy 3. Bal Endura 4. Pidilite or approved equivalent.
19	Locks	1. Godrej 2. Harrison 3. Dorset or approved equivalent.
20	Wood preservative	1. Bison by British paints or approved equivalent.
21	Cement Primer	1. Berger 2. Asian 3. ICI Dulux 4. Nerolac paints or approved equivalent
22	Acrylic Emulsion paints	1. Berger 2. Asian 3. ICI Dulux 4. Nerolac or approved equivalent
23	Enamel paints	1. Berger 2. Asian 3. ICI Dulux 4. Nerolac or approved equivalent
24	Wood primer	1. Berger 2. Asian 3. ICI Dulux or approved equivalent
25	Aluminium sections	1. Hindalco 2. Jindal 3. Nelco or approved equivalent
26	Curtain Rods	1. Vista 2. Trac 3. MAC or approved equivalent

**Electrical:**

1	Final Distribution Board	1. ABB 2. Hager 3. MDS Legrand 4. Siemens 5. Schneider Electric or approved equivalent.
---	--------------------------	---



2	Moulded Case Circuit Breaker (MCCB)	<ol style="list-style-type: none"> <li>1. ABB</li> <li>2. Larsen &amp; Toubro</li> <li>3. MDS Legrand</li> <li>4. Schneider Electric</li> <li>5. Siemens or approved equivalent.</li> </ol>
3	Miniature Circuit Breakers (MCB)	<ol style="list-style-type: none"> <li>1. ABB</li> <li>2. Hager</li> <li>3. MDS Legrand</li> <li>4. Schneider Electric</li> <li>5. Siemens or approved equivalent.</li> </ol>
4	Residual Current Circuit Breaker (RCCB)	<ol style="list-style-type: none"> <li>1. ABB</li> <li>2. Hager</li> <li>3. MDS Legrand</li> <li>4. Schneider Electric</li> <li>5. Siemens or approved equivalent.</li> </ol>
5	Power/Aux. Contactor	<ol style="list-style-type: none"> <li>1. ABB</li> <li>2. Larsen &amp; Toubro</li> <li>3. Schneider Electric</li> <li>4. Siemens or approved equivalent.</li> </ol>
6	Indicating Lamps LED type and Push Button	<ol style="list-style-type: none"> <li>1. Larsen &amp; Toubro</li> <li>2. Schneider Electric</li> <li>3. Siemens</li> <li>4. Teknik or approved equivalent.</li> </ol>
7	Overload relays with built in Single Phase preventer	<ol style="list-style-type: none"> <li>1. ABB</li> <li>2. Larsen &amp; Toubro</li> <li>3. Schneider Electric</li> <li>4. Siemens or approved equivalent.</li> </ol>
8	a. Electronic Digital Meters (A/V/PF/Hz/KW/KWH) with LED Display b. Dual Energy Meter with centralized metering & billing system	<ol style="list-style-type: none"> <li>1. ABB</li> <li>2. L &amp; T</li> <li>3. Nippen</li> <li>4. Schneider Electric or approved equivalent.</li> </ol> <ol style="list-style-type: none"> <li>1. Schneider Electric</li> <li>2. Nippen or approved equivalent.</li> </ol>
9	PVC insulated XLPE aluminium/copper conductor armoured MV Cables	<ol style="list-style-type: none"> <li>1. Havells</li> <li>2. KEI</li> <li>3. Polycab</li> <li>4. Rallison Cables or approved equivalent.</li> </ol>
10	Cable Glands Double Compression with earthing links	<ol style="list-style-type: none"> <li>1. Baliga Lighting</li> <li>2. Comet</li> <li>3. Cosmos or approved equivalent.</li> </ol>
11	Bimetallic Cable Lug	<ol style="list-style-type: none"> <li>1. Comet</li> <li>2. Cosmos</li> <li>3. Dowell's</li> <li>4. Hax Brass or approved equivalent.</li> </ol>
12	PVC insulated copper conductor stranded flexible wires (FRLS) -	<ol style="list-style-type: none"> <li>1. Havells</li> <li>2. Finolex</li> <li>3. Polycab</li> <li>4. KEI or approved equivalent.</li> </ol>
13	G.I. Pipes and Fittings (ISI approved)	<ol style="list-style-type: none"> <li>1. Tata</li> <li>2. Jindal,</li> <li>3. Swastik</li> <li>4. Surya or approved equivalent</li> </ol>
14	Accessories for GI Conduits (ISI approved)	<ol style="list-style-type: none"> <li>1. Zoloto</li> <li>2. Unik</li> <li>3. KS or approved equivalent</li> </ol>

15	PVC Conduit & Accessoires (IS: 9537 PART 3 OF 1983)	<ol style="list-style-type: none"> <li>1. Precision</li> <li>2. Polypack</li> <li>3. Aeroplast</li> <li>4. Avonplast</li> <li>5. Vasavi or approved equivalent.</li> </ol>
16	Switch & Socket	<ol style="list-style-type: none"> <li>1. Anchor</li> <li>2. MDS Legrand</li> <li>3. Wipro</li> <li>4. MK</li> <li>5. Crabtree or approved equivalent.</li> </ol>
17	Industrial Socket	
	a. Splash Proof	<ol style="list-style-type: none"> <li>1. Clipsal</li> <li>2. Gewiss</li> <li>3. MDS Legrand</li> <li>4. Neptune Balls</li> <li>5. Schneider Electric or approved equivalent.</li> </ol>
	b. Metal Clad	<ol style="list-style-type: none"> <li>1. BCH</li> <li>2. MDS or approved equivalent.</li> </ol>
18	Selector Switch, Toggle switch	<ol style="list-style-type: none"> <li>1. Kaycee</li> <li>2. Salzer or approved equivalent.</li> </ol>
19	Coaxial Cable	<ol style="list-style-type: none"> <li>1. Beldon</li> <li>2. Comm-Scope or approved equivalent.</li> </ol>
20	Telephone Cable	<ol style="list-style-type: none"> <li>1. Finolex</li> <li>2. D-link</li> <li>3. Delta or approved equivalent.</li> </ol>

**Plumbing:**

1	Cast Iron Pipes and fittings (ISI approved)	<ol style="list-style-type: none"> <li>1. NECO</li> <li>2. Raj iron Foundry</li> <li>3. Kapilansh</li> <li>4. Kajeco</li> </ol>
2	CPVC pipes and Fittings	<ol style="list-style-type: none"> <li>1. Ashirwad</li> <li>2. Flowguard – Astral</li> <li>3. Ajay or approved equivalent</li> </ol>
3	SWR PVC/ UPVC Pipes and Fittings	<ol style="list-style-type: none"> <li>1. Finolex</li> <li>2. Supreme</li> <li>3. Prince</li> <li>4. Polypack</li> <li>5. Jindal or approved equivalent</li> </ol>
4	CP Brass Fittings	<ol style="list-style-type: none"> <li>1. Jaguar</li> <li>2. Parryware</li> <li>3. Ess-Ess</li> <li>4. Metro or approved equivalent.</li> </ol>
5	Floor Drain Fixture, Rain Water Outlets & Channel Gratings	<ol style="list-style-type: none"> <li>1. Supreme</li> <li>2. ACO</li> <li>3. GMGR</li> <li>4. Neer or approved equivalent.</li> </ol>
6	C.P. Grating for Floor Trap	<ol style="list-style-type: none"> <li>1. GMGR</li> <li>2. Chilly</li> <li>3. Viking or approved equivalent.</li> </ol>
7	GI / M.S Pipes (IS : 1239 and IS : 3589)	<ol style="list-style-type: none"> <li>1. Jindal</li> <li>2. Swastik</li> <li>3. Surya</li> <li>4. Tata or approved equivalent</li> </ol>

8	Pipe clamp & supports	1. Chilly 2. Supreme 3. Euroclamp or approved equivalent.
9	HDPE Pipe	1. Duraline 2. Kimplas 3. Reliance or approved equivalent.
10	Butterfly Valve	1. Audco 2. Danfoss 3. Honeywell 4. Sant or approved equivalent.
11	Check Valve – Wafer Type	1. Advance 2. Danfoss 3. Sant 4. Kirlosker or approved equivalent.
12	Anchor bolts	1. Fischer 2. Hitli or approved equivalent.

Note –

1. Materials mentioned in the specification shall be used for the work. If specified material is not available prior approval of the Employer shall be taken to use other brands.
2. Preference of makes, supply of items should be consulted with client/consultant before effecting of supply.

NAME AND ADDRESS OF THE CONTRACTOR:

SIGN & SEAL OF THE CONTRACTOR:

Date:

Place:

INDIAN BANK					
Schedule of Quantities					
Furnishing & Renovation of Chief Learning Officer (CLO) Room in IMAGE Campus					
REPAIR & FURNISHING (A)					
S. No.	Description	Unit	Qty	Estimate	
				Rate	Amount
1	<b>Providing and laying Brick work of thickness</b> 115mm with cement mortar 1:5 (1cement: 5 sand) (excluding circular/curved brick masonry) including the cost of materials, labour, scaffolding /staging, sampling and testing, soaking of bricks, cutting and laying the bricks, providing recesses ,making opening of any shape and size, finishing the joints above ground level, sealing the gap between masonry and soffit of beam /slab, embedding the fittings and fixtures, curing in Sever room window, gents toilet duct double door and conference room etc., complete as per instructions of Bank Architect/ Engineer.	Sft	30		
2	<b>Providing 12mm thick plaster in cement mortar</b> CM ( 1:4) on Internal walls / concrete surfaces including cleaning, hacking of concrete surfaces, including chicken mesh fixing, packing of electrical, plumbing works, scaffolding, finishing, curing etc.for all heights and also including cost of cement etc., complete as per instructions of Bank Architect/ Engineer.	Sft	70		
3	<b>Removing/ Dismantling existing 4"/6"/9" thk. brick wall</b> along with finishing materials, both side plaster, carting away unserviceable materials out of the compound and mending good with the damages by plastering on both the sides etc., complete as per instructions of Bank Architect/ Engineer.	Sft	30		
4	<b>Providing and laying pre-polished 19 mm thick water cut/ gang saw Black Granite</b> as threshold over cement mortar, rate includes cost of all materials, labour, curing, moulding, all leads and lift, loading and unloading charges, transportation cost and conveyance of all materials, and all other incidental charges at all floor levels etc., complete for successful completion of work as per drawings & specifications and as directed by the Engineer-in-charge.	Sft	2		
5	<b>Providing &amp; laying of carpet flooring tile</b> of pile fibre 100% BCF Polypropylene, Tuffed pile weight of max. 630 gm/sqm and max. of 6 mm thick carpet tiles (approx. 500 X 500mm size) of design, shade and finish approved by the Bank, laid with proper rubber based adhesive solutions such as Dunlop s-758 or equivalent with all materials and labour etc., complete as per instructions of Bank Architect/ Engineer. (Carpet Brand: Unitex, Rosetta, Graffiti or equivalent. Base price:110/- psft ). Skirting area will also be measured in sqft.	sft	700		

6	<p><b>Providing cement concrete (1:2:4) with 12mm downgraded stone chips</b> for beams, lintels, &amp; any other place as directed by making shuttering, scaffolding etc. The rate is inclusive of labour materials, curing, carting away the debris outside the premises etc. all complete as directed by the Banks Engineer.</p>	cft	2		
7	<p><b>Providing &amp; Fixing of Suspended Grid Ceiling System</b> (Daiken or equivalent make) with Bevelled Tegular Edge Tiles With 15mm Silhouette Black/White Grid. The tiles in module size of 600 x 600 x 15mm. The tile shall be laid with 15 mm wide T - section flanges colour Black/ white having rotary stitching on all T sections i.e. the Main Runner, 1200 mm &amp; 600 mm Cross Tees with a web height of 38mm and a load carrying capacity of 11.25 Kgs/M2 with a minimum pull out strength of 100 kgs. The T Sections have a Galvanizing of 90 grams per M2 and need to be installed with Suspension system &amp; other accessories of Daiken or equivalent make. The installation has to be done as per the manufactures standard procedure. <b>(Rate includes taking removing the existing false ceiling</b> with accessories, AC ducts and wall paneling. Also the AC duct to the room has to be closed by proper means)</p>	sft	700		
8	<p><b>Wooden False ceiling for Cassette type IDU:</b> Providing &amp; fixing in position wooden false ceiling consisting of aluminium sections in framing grids with 19mm thk ply and 1.0mm thk laminate topping fixed to the framework in fixing position with necessary M.S. hangers, screws, clips etc. including melamine polishing, inside with 2 coats of enamel painting with 1 coat of primer etc. complete as per instructions of Bank Architect/ Engineer.</p>	sft	50		
9	<p><b>Providing and fixing of calcium silicate board partitions</b> and of overall thickness 100 mm overall thickness partition with 8 mm thick double skin fire rated board consisting of Frame works 50mm x 25mm x 1.2mm thick/100mm x 50mm x 1.5mm thk extruded aluminum box section framework at spacing not exceeding 600mm both ways (horizontal and vertical). Framework formed using 100mm x 50mm x 1.5mm thk/50mm x 25mm x 1.2mm thick extruded aluminum "L" angle support cleats fixed with 12mm galvanized metal screws and Fiberglass / Rockwool insulation RB slab density 24 kg/m<sup>3</sup> 50mm thick - NRC - 0.91. Partition framework to be secured to floor, structural support and nearest structural member using galvanized metal screws and wooden / PVC rowel plugs and all joint to be covered by paper tape finished with two coats of putty, one coat of primer &amp; two coats of plastic emulsion paint etc., complete as per instructions of Bank Architect/ Engineer.</p>	sft	370		

10	<p><b>Providing and fixing of Powder coated Aluminium Strip/</b> Skirting of size of 75 and thickness of 5-6mm (+/- 5%) on existing Calcium silicate partition with proper care by using adhesive at back and screwing from front to the existing GI partition frame work complete in line and level as per direction of Architect. The colour and shade of powder coating shall be as approved Bank Architect/ Engineer.</p>	rft	55		
11	<p><b>Removal of wooden flush doors</b> out of frame, re-sizeing the door if necessary, <b>fixing of approved laminate on both sides.</b> Also Providing 8mm thick float glass of MODIGUARD/ SAINTGOBIN or other equivalent make approved by the Bank with necessary etching/ frosting as per design fixed in position with 40x20mm seasoned teak wood suitable beadings. <b>Refixing</b> the door after including cost Handles:- 2 nos. SS Handle 200 mm, Lock :- godrej cylindrical lock , Door Closer: Godrej - Heavy Duty, Hinges :- 4 Nos SS Hinges – Heavy gauge and one SS Stopper etc. all complete as directed by the Banks Engineer.</p>	no.	1		
12	<p>Providing &amp; fixing of <b>35/ 40 mm thick standard flush Door shutter</b> with 1mm thk. laminate on both sides, with melamine polished teakwood margin on exposed edges including hardware door fitting of handle &amp; lock complete in all respects including anti-termite treatment. Also Providing 8mm thick float glass of MODIGUARD/ SAINTGOBIN or other equivalent make approved by the Bank with necessary etching/ frosting as per design fixed in position with 40x20mm seasoned teak wood suitable beadings.</p>				
i)	<p>CLO Room (3'6" X 7'0") -With above spec and door to have Handles:- 2 nos. SS Handle 200 mm, Lock :- godrej cylindrical lock , Door Closer: Godrej, Hinges :- 4 Nos SS Hinges – Heavy gauge and one SS Stopper.</p>	no.	1		
ii)	<p>CLO Rooms Powder Room (3'0" X 7'0") - With above spec and door to have Handles:- 2 nos. SS Handle 200 mm, Door Closer: Godrej, Hinges :- 4 Nos SS Hinges – Heavy gauge, 1 SS Alldrop, 1 SS Tower Bolt and one Stopper.</p>	no.	1		
iii)	<p>CLO Room Toilet Room (2'6" X 7'0") -With above spec and door to have Hinges :- 4 Nos SS Hinges – Heavy gauge, 1 SS Alldrop and 2 SS Tower Bolts.</p>	no.	1		
13	<p><b>Supplying and fixing Free standing Full Height Storage/ Cupboard</b> 450mm deep using BWR plywood with openable shutter at the top &amp; bottom and centre portion open shelf as per detail drawing. Doors, top and shelves would be made up of 18 mm thick plywood with post-lamination of 1 mm thickness on all sides, of approved make and shade. The back panel would be made up of 9 mm thick plywood with 1 mm thick lamination on both sides fitted with standard fittings for joining the side panels to the top and bottom panels. Edges of the shutter to be finished with teak wood beading polish finish. Rates including necessary hardware fittings like SS handle 6", Lock, auto close hinges, magnetic catch, tower bolt 8" high etc., complete in with necessary frames &amp; fixtures etc. complete.</p>	sft	70		

13	<b>Providing and fixing 18" X 24" mm beveled edge mirror</b> of superior glass (of approved quality) complete with 6 mm thick hard board fixed to wooden cleats with C.P. brass screws and washers complete.	Nos	1		
14	<b>Providing and fixing of wood work (seasoned 1st quality sal wood)</b> in frames of doors to suit the existing size & design, fixed in position with hold fast lugs or with dash fasteners of required dia & length. Rate to be inclusive of hold fast lugs or dash fastener.	cft	3		
15	<b>Supply and fixing of Roller blinds</b> for windows using necessary fittings. (Brand: Vista or equivalent having a visibility of 3%)	sft	150		
16	<b>Providing &amp; fixing of wooden pelmet</b> for roller blinds with 18 mm thk plywood finished with approved laminate shade on all sides except the mounting portion.	rft	35		
17	<b>Providing &amp; applying 2 coats</b> of first quality <b>acrylic emulsion paint on walls &amp; enamel paint on window grills</b> over a base coat of <b>oil base cement primer on wall surface</b> as directed by Bank, all of approved make and shade, scaffolding all complete as directed. Rate to be included the cost of complete scrapping of existing paint, filling the pot holes with plaster of paris, Plaster of paris punning, removal of unwanted nails, cleaning and carting away debris out of premises, all complete as directed by Bank's Engineer.	sft	1000		
18	Providing and fixing CP Brass <b>Two-way Bib Cock for EWC</b> - Parryware make (Trio - catalogue ref. No. G1934A1), fixed to Faucet with hose & hook - Parryware make (catalogue ref. No. T9941A1) with CP wall flange and necessary hardware like brass screws, washers, joints sealed with silicon sealant etc. all complete as directed by Banks Engineer.	Nos	1		
19	<b>Providing and fixing vitreous European type</b> - Floor Mounted water closet (Parryware: Blaze Single - C8904 or Equivalent) (off-white color) with seat cover, flushing cistern of approved make including providing and connecting 110mm PVC pipes (6kg/sqcm) of approved make ISI mark to external plumbing with necessary fitting such as bends, tees, etc., Two-way CP Angular Stop cock with metallic Hose - Parryware make (Trio - Cat. ref. No. G0643A1) and all other required accessories, including jointing with cement mortar 1:1, making holes in wall, filling the same from both sides, testing and removing existing pipes of any material and any diameters, taking out the existing fittings from floor, dismantling joints, stacking & sorting the pipes, scaffoldings etc. complete as directed by Bank's Engineer.	Nos	1		

20	<p><b>Providing and fixing of long pedestal type wash basin</b> (Parryware: Cascade NXT or Equivalent) (off-white color) with C.I. brackets painted white, 15 mm C.P. brass pillar taps - Parryware Make (Trio - Catalogue ref. No. G1903A1), 32 mm C.P. brass waste coupling of standard pattern - Parryware Make (Catalogue ref. No. T9910A1/ T9911A1), C.P.Brass Angle Valve with Metallic Hose - Parryware Make ( Catalogue ref. No. G1907A1) including connecting C.I. pipes of required diameter &amp; waste pipe of approved make with ISI mark to external plumbing with necessary fitting such as nahani trap, bends, tees, etc. including jointing with cement mortar 1:1, making holes in wall, filling the same from both sides, testing and removing existing pipes of any material and any diameters, taking out the existing plumbing &amp; sanitary fittings from walls, dismantling joints, stacking &amp; sorting the pipes, scaffoldings etc. complete as directed by Banks Engineer.</p>	Nos	1		
<b>Sub - Total (A)</b>					
<b>ELECTRICAL, VOICE, DATA &amp; RG CABLE ESTIMATE ( B )</b>					
<b>Main Wiring &amp; DB</b>					
1	<p><b>Supplying and Laying of 4C X 25 sqmm Al Armored cable</b> with all necessary fixing accessories. Cost shall include <b>termination</b>, supply and fixing of cable with bends, clamps, hardware, dual down rods with channel for laying above existing false ceiling, loading, Unloading charges, junctions, labours, Cutting / chasing, plastering and concealed or open in manner slab/ wall/ Partitions etc. etc. all complete as required and complete as directed by Banks Engineer.</p>	mts	30		
2	<p><b>Supplying and fixing 4 WAY TPN DB</b> With 63 Amp 4 pole MCB incomer with 12 nos. outgoing of 6/10 Amps – 20 Amps MCB. Cost shall include clamps, hardware, loading, Unloading charges, labours, Cutting / chasing, plastering and concealed or open in manner slab/ wall/ Partitions etc. etc. all complete as required and complete as directed by Banks Engineer.</p>	Nos	1		
<b>AC Wiring &amp; Sockets</b>					
3	<p><b>Supplying and Laying of 2 runs of 6.0 sqmm FRLS PVC insulated multistrand copper conductor wire</b> with 1 run of 2.5 sqmm FRLS PVC insulated multistrand copper wire for earth with suitable PVC conduit pipe of approved size with all necessary fixing accessories for <b>cassette AC power circuits</b>. Cost shall include supply and fixing of PVC bends, clamps, hardware, dual down rods with channel for laying PVC conduit above existing false ceiling, loading, Unloading charges, PVC junctions, labours, Cutting / chasing, plastering and concealed or open in manner slab/ wall/ Partitions etc. etc. all complete as required and complete as directed by Banks Engineer.</p>	mts	120		



4	<b>Supply &amp; fixing of Motor Starter Switch (SP) for AC</b> (Havells/ Hagger/ Legrand/ Anchor/ ABB make) with over load protection modular type coupled with proposed modular switch and independent modular 20A. / 3 Pin socket and top (at 7'6" ht.) (heavy duty) complete assembled in a suitable MS. Concealed box with cover plate designed for operation on 230V, AC, 50Hz supply system suitable for 2TR Split AC unit and 16A MCB (Havells/ Hagger/ Legrand/ Roma/ ABB make) for each AC unit to be fixed at existing DB board, etc. all complete as required and complete as directed by Banks Engineer.	Nos	3		
<b>UPS, RAW Power Wiring &amp; Sockets</b>					
5	<b>Supplying and Laying of 2 runs of 2.5sqmm FRLS PVC insulated multistrand copper conductor wire</b> with 1 run of 1.5sqmm FRLS PVC insulated multistrand copper wire for earth with suitable PVC conduit pipe of approved size with all necessary fixing accessories <b>for UPS /Raw power circuits</b> . Cost shall include supply and fixing of PVC bends, clamps, hardware, dual down rods with channel for laying PVC conduit above false ceiling, loading, Unloading charges, PVC junctions, labours, Cutting / chasing, plastering and concealed or open in manner slab/wall/Partitions etc.	mts	120		
6	<b>Supply &amp; fixing of Modular 5A Switches/ Sockets with required PVC boxes</b> and other PVC fittings complete (make- Crabtree/ Anchor/ ABB/ North-West or similar superior make duly approved by the IACS authority) in concealed M.S. box with cover plate etc. and interconnection. The rate to be inclusive of cutting/ breaking the wall, cement plastering, removing & replacing the existing switch board with switches & sockets (Modular/ non modular) as per enclosed dwg.				
i)	5/6 amps switch	Nos	15		
ii)	5 pin 1X6A-230v socket outlet with indicator type	Nos	4		
iii)	6 pin 2X16/6A-230v socket outlet with indicator type	Nos	4		
iv)	5 pin 4X6A-230v socket outlet with indicator type	Nos	4		
v)	6 pin 2X16/6A-230v socket outlet with indicator type for AC	Nos	3		
vi)	LAN Socket	Nos	3		
vii)	Voice Socket	Nos	3		
7	<b>Supply and Laying of the 19 mm PVC conduit with two pair 0.5 mm copper telephone</b> wire for telephone connection with accessories in a recessed / Surface manner as require. Cost shall include supply and fixing of PVC bends, clamps, hardware, dual down rods with channel for laying PVC conduit above false ceiling, loading, Unloading charges, PVC junctions, labours, Cutting / chasing, plastering and concealed or open in manner slab/ wall/ Partitions etc. etc. all complete as required and complete as directed by Banks Engineer.	Mts	60		

8	<b>Supply and Laying of the 25 mm PVC conduit</b> with GI wire for pulling the LAN cable with accessories in a recessed / Surface manner as required. Cost shall include supply and fixing of PVC bends, clamps, hardware, dual down rods with channel for laying PVC conduit above false ceiling, loading, Unloading charges, PVC junctions, labours, Cutting / chasing, plastering and concealed or open in manner slab/ wall/ Partitions etc. etc. all complete as required and complete as directed by Banks Engineer.	Mts	30		
<b>Sub - Total ( B )</b>					
<b><u>LIGHT &amp; FAN FITTINGS ESTIMATE ( C )</u></b>					
1	<b>supply and fixing of energy efficient 2'x2, LED fitting</b> suitable for false ceiling. Model : Philips make RC 140B LED 30S 6500 or RC 380B LED 36S 6500 The cost including necessary wiring termination and support from ceiling and as directed by Bank's engineers.	Nos	14		
2	<b>Supply and fixing of 4feet 20W LED fitting for rest room</b> (Philips or equivalent)	Nos	2		
3	<b>Supply and fixing of 1feet 5W LED fitting for Mirror</b> (Philips or equivalent)	Nos	1		
4	<b>Supply and fixing of 600mm HI speed ceiling fan</b> Crompton make or equivalent	Nos	1		
5	<b>Supply and fixing of 225mm Exhaust fan</b> Crompton make or equivalent	Nos	1		
<b>Sub - Total ( C )</b>					
<b>Total (A+B+C)</b> [The amount is exclusive of GST]					

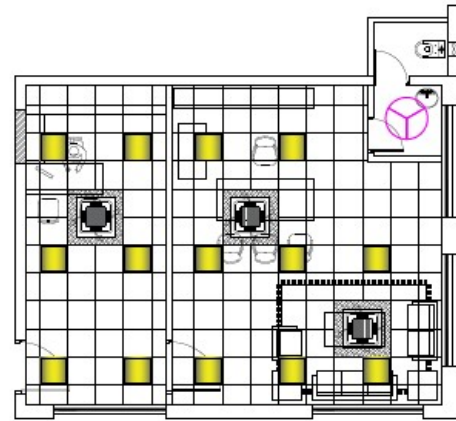
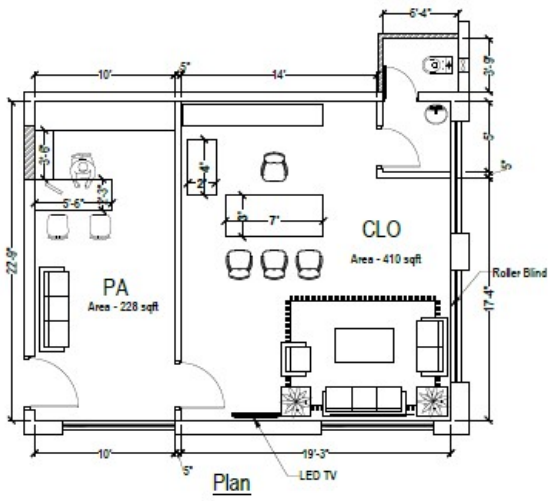
Total Amount in words: Rupees .....

.....only + **applicable GST.**

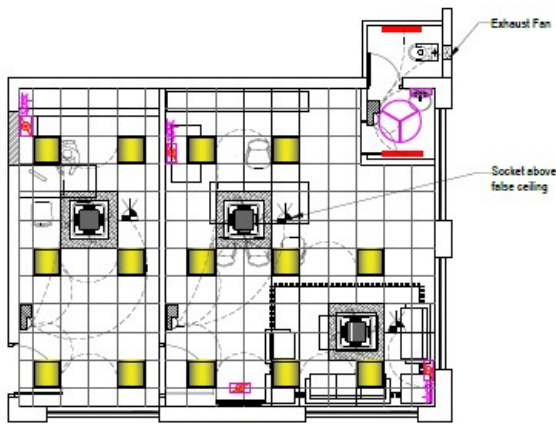
Place:

Signature & Seal of the Bidder

Date:



Reflective Ceiling Plan



Electrical layout

OFFICE ROOM FOR CHIEF LEARNING OFFICER (CLO) @ IMAGE 3rd FLOOR