



TAMILNADU INDUSTRIAL DEVELOPMENT CORPORATION LIMITED

Tender Notice NIT.No.TIDCO/Fintech Tower/2024-25

e-TENDER

FOR

**SUPPLY, INSTALLATION, TESTING AND COMMISSIONING MEP
WORKS (ELECTRICAL HT/LT, DG SET, LIFT, HVAC & ELV) OF
FINTECH TOWER AT FINTECH CITY IN NANDAMBAKKAM VILLAGE,
ALANDUR TALUK, CHENNAI DISTRICT**

TECHNICAL BID

COVER-I

August 2024

**Managing Director,
Tamilnadu Industrial Development Corporation Limited,
No.19-A, Rukmini Lakshmipathy Road,
Egmore, Chennai-600 008
Phone No:044-2855 4479/80**

TAMILNADU INDUSTRIAL DEVELOPMENT CORPORATION LIMITED
TENDER NOTICE

NIT.No.TIDCO/Fintech Tower/2024-25

Date: 18.08.2024

TIDCO Invites Online Item Rate Tenders under "Two Cover System" from Class-IA State Level Civil/Electrical Contractors registered with PWD/TNHB/TNPHC/TNUHDB/Highways/ Any Department of Government of Tamilnadu, Quasi-Government Departments, Central Government Departments undertaking having experience in similar nature of works.

Or

Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.

The Programme for the issue, receipt and opening of bids as detailed below.

1	Name of work	Supply, Installation, Testing & Commissioning of MEP works (Electrical HT/LT, DG set, Lift, HVAC & ELV) of Fintech Tower at Fintech City in Nandambakkam Village, Alandur Taluk, Chennai District.
2	Form of Contract	Lumpsum Contract (Item Rate)
3	Estimated Value of the Work	Rs.96.36 Crores (Including 18% GST)
4	Earnest Money Deposit (EMD)	Rs.48,28,260/- An EMD shall be paid only through the online payment mode via tntenders.gov.in
5	Validity of the tender	90 days from the last date of Submission of Tender
6	Period of Completion of Work	11 months from the signing of the Agreement. The completion period is inclusive of the Monsoon period also
7	Cost of Tender Documents (Non- Refundable)	Rs.15,000/-(including GST)in the form of DD in favour of Tamilnadu Industrial Development Corporation Limited, payable at Chennai. Tender Documents can be downloaded from www.tntenders.gov.in and https://tidco.com at free of cost.
8	Place of Sale of Tender Documents	Tamil Nadu Industrial Development Corporation Limited (TIDCO) No. 19-A, Rukmini Lakshmi pathy Road, Egmore, Chennai – 600 008. Ph No:044-2855 4479/80

9	Period of Sale of Tender Document on payment of cost of tender document at TIDCO & Period of Availability of Bidding Documents on Website www.tntenders.gov.in & https://tidco.com	Between 19.08.2024 to 17.09.2024, up to 5.00 PM.
10	Time and date of Pre- Bid Meeting	On 30.08.2024 at 3.00 P.M. at TIDCO office
11	Last date of online submission of Tender	Proposals must be uploaded through www.tntenders.gov.in On or before 18.09.2024 3:00 PM
12	Time and Date and Venue of opening of Tender	On 19.09.2024 at 3.30 pm at TIDCO office
13	TENDERER barred from bidding for this work	The TENDERERS who have abandoned any contract executed during last 03 years, and/or whose contracts have been terminated, and/or TENDERERS who have been blacklisted and/or banned by TIDCO or Govt of Tamil Nadu, and currently of the ban is effective as on date of submission of the bid, are not eligible to participate in this tender.
14	Performance Security Deposit (SD)	3% of the accepted value of the contract (inclusive of GST) in the form of Demand Draft/Irrevocable Bank Guarantee in favour of Tamilnadu Industrial Development Corporation Limited valid for Contract Period + 12 months.
15	Additional Performance Security Deposit (ASD) (Will be released along with SD, after one year from the completion of the entire work and on production of indemnity bond until completion of defect liability period)	a. <u>5% to 15 % less tender:</u> 2% of Department Value put to Tender. b. <u>More than 15% less Tenders:</u> 50% of Difference between quoted amount and Department Value. Shall be in the form of Demand Draft/Irrevocable Bank Guarantee valid for Contract Period + 12 months
16	Date of Commencement of work	The date of commencement will be reckoned from the signing of the Agreement.

Managing Director

E-TENDERING – INSTRUCTIONS TO TENDERER FOR ONLINE SUBMISSION:-

1. The tender document is available on the website <https://tidco.com>, and <https://tntenders.gov.in>.
2. The Bidding Document can be downloaded free of cost by logging on to the website <https://tntenders.gov.in>. The bids are to be submitted online through the same e-procurement portal only. Bids submitted manually will not be accepted.
3. The TENDERERS are requested to digitally sign the Bid Document and convert them to .pdf format.
4. TENDERERS are requested to use the Digital Signature (e-token) for Registration for e-submission through the website <https://tntenders.gov.in>.
5. The Scanned copies of the required list of documents are to be uploaded by the TENDERER at the time of submission of bids through the website by converting the documents to .pdf form
6. The Digital Signature Certificate / e-token may be obtained by the TENDERERS individually at the risk and cost of the TENDERER.

CONTENTS

DESCRIPTION	SECTION NO.	CONTENT	PAGE NO.
COVER I – TECHNICAL BID	-	FOR THE SPECIAL ATTENTION OF THE TENDERERS	07
	-	CHECKLIST	09
	I	PRE-QUALIFICATION TENDER APPLICATION	15
	II	PRE-QUALIFICATION TENDER NOTICE	17
	III	SPECIAL CONDITIONS	34
	IV	MINIMUM CRITERIA FOR PRE-QUALIFICATION	39
	V	SCHEDULES	48
	VI	SUBMITTALS	64

FOR THE SPECIAL ATTENTION OF THE TENDERERS

FOR THE SPECIAL ATTENTION OF THE TENDERERS

1. Issuance of Tender Documents to the Tenderer based on the basic documents and information furnished along with the Requisition for the Tender Documents will not confer any right on the Tenderer for automatic Pre-Qualification.
2. Approval or otherwise of the Technical Bid of the tenderer will be strictly based on the detailed evaluation done on the basis of the Documents / Records / Evidences / Certificates produced by the Tenderer along with the Pre-Qualification Tender Application.
3. The tenderer should furnish all the relevant documents described in the submittal (Section-VI) without any omission.
4. The tenderer should also fill-up the checklist annexed with the Technical Bid without fail.

CHECKLIST

CHECKLIST

TENDERER TO FILL IN THE CHECK LIST GIVEN BELOW

(State YES / NO for each item)

Sl. No.	Details	Relevant Schedule / Criteria	Indicate YES / NO
1	Copy of Certificate of Incorporation as Company issued by the Registrar of Companies under Company Act, Articles of Association / Memorandum of Association in respect of Private / Public Limited Company.	Schedule-A & Criteria I	
2	Copy of Certificate of Registration as Firm issued by the Registrar of Firms and copy of Registered Deed in Partnership.	Schedule-A & Criteria I	
3	Organisation chart showing the structure of the company/firm	Schedule-A	
4	Copy of Registration letter issued by the Competent Authority registering the tenderer as Class-IA State Level Civil/Electrical Contractors registered with PWD / TNHB / TNPSC / TNUHDB / Highways / Any Department of Government of Tamilnadu, Quasi-Government Departments, Central Government Departments undertaking with appropriate monetary limit above Rs.25 crores and with proven track record in executing major projects are only eligible to participate in the Tender Invitation, undertakings along with the Live Certificate valid for the current period. Or Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.	Criteria-I	
5	The tenderer should have achieved “Annual turnover” shall not be less than Rs.145 Crores (Rupees One Hundred and Forty Five Crores only) in any One of the last Five Years ending 31st March 2024.	Criteria-I, III & V and Schedule-B	

	with the evidence of statement of Accounts viz. Profit and Loss Account, Balance Sheet, etc., duly certified by the Chartered Accountant for the immediate past Five years as per Schedule B.		
6	Certificate clearly showing the Cash Credit Facilities / Overdraft Facilities extended by the Bank / Banks to the tenderer and the Cash Credit Facilities / Overdraft Facilities already availed by the tenderer and the Cash Credit Facilities / Overdraft Facilities remaining in the accounts of the tenderer issued by the Bank / Banks not earlier than 15 days from the date fixed for submission of tender as per Schedule-B and to satisfy Criteria-IV and for assessing the sustainability of cash outflow of the tenderer.	Criteria-IV and Schedule-B	
7	Certificate issued by the Chartered Accountant not earlier than 7 days from the date fixed for submission of tender, clearly showing the cash on hand and cash with banks as per Schedule-B and to satisfy Criteria-IV and for assessing the sustainability of cash outflow of the tenderer.	Criteria-IV and Schedule-B	
8	Revenue / Banker Solvency certificate - Schedule-E	Criteria-IV & Schedule-E	
9	Net worth certificates as per Schedule-F	Criteria-IV & Schedule-F	
10	Bid capacity calculation shall be submitted as per Schedule 'G'	Criteria-V & Schedule-G	
11	Copy of Income Tax Return filed in the preceding Five tax years (i.e.) 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024.	Criteria-I, III & V and Schedule-B	
12	Copy of GST Registration Number assigned to the tenderer.	Criteria-I	
13	Copy of GST issued by Commercial Taxes Department.	Criteria-I	
14	Criteria-1 Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for one multi storied RCC framed Office/ Commercial / IT Building with a minimum BUA of 5,00,000 sq.ft. with minimum 10 floors with a value not less than Rs.48 Crores under a single agreement in the last 5 years ending 31st March 2024.	Criteria-II and Schedule-C	

	<p>(or)</p> <p>Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for two multi storied RCC framed Office/ Commercial / IT Buildings each with a minimum BUA of 2,50,000 sq.ft. with minimum 06 floors with value not less than Rs.24 Crores (each work) in two agreements in the last 5 years ending 31st March 2024.</p> <p>Criteria-2</p> <p>2a) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC works for one multi storied RCC framed Office/ Commercial / IT Building with a value not less than Rs.14 Crores under a single agreement in the last 5 years ending 31st March 2024.</p> <p>(or)</p> <p>Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC works for two multi storied RCC framed Office/ Commercial / IT Buildings with value not less than Rs.7 Crore (each work) in two agreements in the last 5 years ending 31st March 2024.</p> <p>2b) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of Electrical & ELV works for one multi storied RCC framed Office/ Commercial / IT Building with a value not less than Rs.25 Crore under a single agreement in the last 5 years ending 31st March 2024.</p> <p>(or)</p> <p>Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of Electrical & ELV works for two multi storied RCC framed Office/ Commercial / IT Buildings each with value not less than Rs.12.5 Crore (each work) in two agreements in the last 5 years ending 31st March 2024.</p>		
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	<p>The above criteria 2a & 2b are mandatory criteria's which are required to be satisfied</p> <p>Note: If the requirement of Criteria 2 is satisfied in Criteria 1 itself, then the same project can be mentioned in Criteria 2 as well.</p> <p>* For Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.</p> <p>** MEP works refers to HVAC, Electrical and ELV works. HVAC works includes Chillers, Cooling tower, Pumps, AHU, Fans, Piping and Ducting. Electrical works includes Transformer, DG Sets, HT & LT, Internal Electrification, Lift Works, ELV Works includes FAPA, CCTV, ACS, BMS, Data Networking.</p>		
15	<p>Certificates issued by the Engineer-in-charge for the government projects and for private parties the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation in respect of already committed and ongoing works as per Schedule-D clearly showing the total value of contract, the value of work already completed, the value of work to be completed, the total period of contract, date of commencement of work, remaining period available for completing the remaining portion of the ongoing / committed works.</p>	Criteria-V and Schedule-D	
16	<p>Curriculum Vitae of each of the key personnel named in the Schedule-H together with the consent letters furnished by the key personnel,</p>	Criteria-VII and Schedule-H	

	testimonials in support of their technical qualification and experience.		
17	Information regarding litigation/debarring	Schedule-I	
18	Affidavit	Schedule-J	
19	Undertaking	Schedule-K	
20	Declaration for Non-Blacklisting	Schedule-L	
21	Declaration for Tender Document downloaded and studied	Schedule-M	
22	Site Visit	--	
23	Copy of bank online transaction details for payment of EMD	--	

SECTION - I

PRE - QUALIFICATION TENDER APPLICATION

SECTION-I

PRE - QUALIFICATION TENDER APPLICATION

REF. No.

Date

From

To

The Managing Director,
TIDCO,
No.19-A, Rukmini Lakshmi pathy Road,
Egmore, Chennai-600 008.

Sir,

Sub:	E -Tender for Supply, Installation, Testing & Commissioning of MEP works (Electrical HT/LT, DG Set, Lift, HVAC & ELV) of Fintech Tower at Fintech City in Nandambakkam Village, Alandur Taluk, Chennai District
Ref:	Ref: NIT.No.TIDCO/Fintech Tower/2024-25 Dt. 18.08.2024

1. Having examined the Tender Documents including scope of work, Time frame for Supply, Installation, Testing & Commissioning and the criteria stipulated for Pre-Qualification, I / We hereby submit all necessary information and relevant documents for Pre - Qualifying me / us, to offer my / our tender for the above said work.
2. This Application is made by me / us on behalf of (Individual / Firm in Partnership / Private Limited Company / Public Limited Company / State Government Tamilnadu/Central Government Department/State Government/ Any Department of Government of Tamil Nadu undertaking entering into a Agreement through an Agreement Deed dated..... duly registered with the Registration Department of Government of Tamil Nadu) as Doc. No. before SRO in the capacity of duly authorised to submit the Technical Bid (Pre-Qualification Tender Application and Price Bid).
3. Necessary evidence admissible in law in respect of authority assigned to me /us on behalf of (Individual / Firm in Partnership / Private Limited Company /Public Limited Company / PWD/ Highways/Any Department of Government of Tamil Nadu/ Tamilnadu State Government undertaking) for offering the tender is appended herewith.
4. I / We, present my / our documents herewith, taking into consideration all the instructions in the Technical Bid (Pre-Qualification Tender Application) supplied to me / us / downloaded from the official website, including special instructions to Tenderers, Criteria for Pre-Qualification, Information and Instructions in the Detailed Tender Notice, Price Tender Documents etc.,

Tenderer's Stamp & Initials

Page 15 of 66

5. I / We understand that the Price Bid offered by me / us will be opened only if my / our Technical Bid (Pre- Qualification Tender Application) (Technical Bid-Cover Marked "I") is approved by the competent authority.
6. I / We understand that TIDCO, Chennai-600 008 reserves the right to reject any or all the Technical Bid (Pre-Qualification Tender Application) or to drop the proposals altogether on valid grounds.

Date:

Signature of the Tenderer including the
Capacity in which the Tender is made

Name
(IN BLOCK LETTERS)

SECTION-II

PRE-QUALIFICATION TENDER NOTICE

SECTION-II

PRE-QUALIFICATION TENDER NOTICE FORM OF CONTRACT: LUMP SUM CONTRACT (ITEM RATE)

1. **INVITATION: -**

Online Tenders under Two Cover System are invited from eligible contractors (eligibility criteria detailed in Para 3 below) for and on behalf of the Tamilnadu Industrial Development Corporation Limited, by the Managing Director, TIDCO, Chennai-600 008.

2. **PURPOSE OF PRE-QUALIFICATION:-**

The purpose of Pre-Qualification of tenderers for this work, is to ensure that the tenderer eventually selected for participating in the price bid, possess requisite organizational, financial and technical capability to carry out this large magnitude project in a short duration of **"11" Months** (Including Monsoon Period).

3. **ELIGIBILITY CRITERIA FOR PARTICIPATION:-**

- (i) The tenderers (Individuals / Firm in Partnership / Private Limited Company / Public Limited Company) should be registered as Class-IA State Level Civil/Electrical Contractors registered with PWD / TNHB / TNPSC / TNUHDB/ Highways / Any Department of Government of Tamilnadu, Quasi-Government Departments, Central Government Departments undertakings with appropriate monetary limit above Rs.25 crores and with proven track record in executing major projects are only eligible to participate in the Tender Invitation.

Or

Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.

- (ii) The Tenderers in the same "NAME" and "STYLE" should have been in the MEP Engineering Construction field at least for the preceding "TEN" years ending 31st March 2024.

(iii) **Criteria-1**

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for **one** multi storied RCC framed Office/ Commercial / IT Building with a minimum BUA of 5,00,000 sq.ft. with minimum 10 floors with a value not less than **Rs.48 Crores under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for **two** multi storied RCC framed Office/ Commercial / IT Buildings each with a minimum BUA of 2,50,000 sq.ft. with minimum 06 floors with value not less than **Rs.24 Crores (each work)** in two agreements in the last 5 years ending 31st March 2024.

Criteria-2

2a) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC# works for **one** project with a value not less than **Rs.14 Crores under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC# works for **two** projects with value not less than **Rs.7 Crore (each work)** in two agreements in the last 5 years ending 31st March 2024.

2b) Certificates issued by the Government Organizations /Non-Government Organisation works* in respect of Electrical & ELV## works for **one** project with a value not less than **Rs.25 Crore under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations /Non-Government Organisation works* in respect of Electrical & ELV## works for **two projects**, each with value not less than **Rs.12.5 Crore (each work) in two agreements** in the last 5 years ending 31st March 2024.

The above criteria 2a & 2b are mandatory criteria's which are required to be satisfied

Note: If the requirement of Criteria 2 is satisfied in Criteria 1 itself, then the same project can be mentioned in Criteria 2 as well.

* For Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.

** MEP works refers to HVAC, Electrical and ELV works.

HVAC works includes Chillers, Cooling tower, AHU.

Electrical & ELV works includes Transformer, HT & LT, Internal Electrification & IBMS Works.

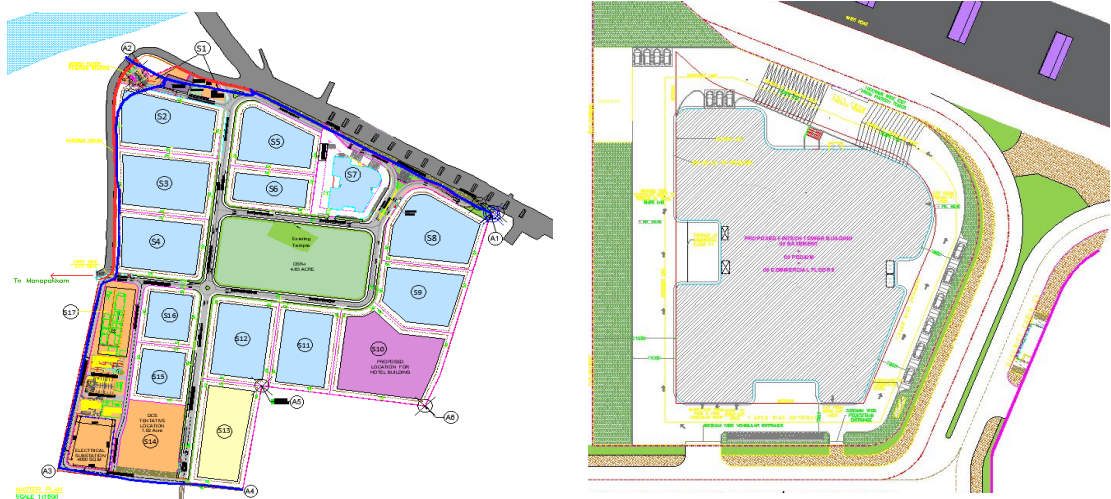
- (iv) The tenderer should have achieved **“Annual turnover”** shall not be less than **Rs.145 Crores (Rupees One Hundred and Forty-Five Crores only)** in any One of the last Five Years ending 31st March 2024
- (v) Other minimum criteria required are appended under the heading **“Minimum Criteria for Pre–Qualification”**.

4. PURCHASE OF TENDER DOCUMENTS: -

The Technical Bid (Pre-Qualification Tender Application) and Price Bid Documents will be available for sale at a cost of Rs.15,000/- in TIDCO Office, No.19A, Rukmini Lakshmipathy Road, Egmore, Chennai-600008 between 19.08.2024 to 17.09.2024, up to 5.00 PM. (Or) **Tender Documents can be downloaded from www.tntenders.gov.in and <https://tidco.com> at free of cost**

5. DESCRIPTION OF THE PROJECT: -

TIDCO is developing a Fintech City project in 56 acres of land at Nandambakkam. A Fintech Tower is proposed to develop as a part of Fintech city. The site for Fintech Tower, a High-rise Building is located in S7 plot in Fintech City Layout having a plot area of 2.26 acres. The Fintech City layout showing location of Fintech tower is presented below.



Total built up area of Fintech Tower is around 5.5 lakhs sq.ft. with 2 Basement + 3 Podiums + 9 Floors structure. Basements and podiums are for parking.

- Podium 1: Chiller Plant, DG Set, Transformer Room & Electrical Panel room
- Podium 3: Integrated Command and Control Centre (ICCC), IBMS & ICC Server Rooms
- Commercial Floor Level - 1: Offices, lecture hall, TIDCO office, banquet hall/meeting room, creche, gymnasium
- Commercial Floor Level - 2: Office spaces
- Commercial Floor Level - 3: Office spaces

- Commercial Floor Level - 4: Offices spaces and Refuge area
- Commercial Floor Level - 5: Offices spaces
- Commercial Floor Level - 6: Office spaces, food court
- Commercial Floor Level - 7: Office spaces
- Commercial Floor Level - 8: Office spaces, auditorium, banquet hall
- Commercial Floor Level - 9: Office spaces

6. SCOPE AND VARIOUS COMPONENTS OF THE PROJECT

The proposed scope of work shall include construction of the following components in MEP works.

- Electrical System HT/LT, DG set works
- Lift Works
- HVAC System works
- ELV System works

6A DESCRIPTION OF WORK

Electrical System HT/LT, DG Set Works:

Following are the scope of work involved in Electrical system works.

- The Entire Electrical design and implementation shall be followed as per NBC 2016, NEC 2023, CEA & Latest IS codes.
- Dedicated 11kV feeder from supply company (TANGEDCO)
- Outdoor type 11kV RMG Panel considered.
- 11kV AI, XLPE strip armoured cable considered .
- 11kV Distribution panel located at Podium-1
- 2 numbers of 11/0.433kV Indoor Dry type Transformers with OLTC with the capacity of 2500kVA
- The complete facility has been considered with DG backup.
- DG set- 3x2000 kVA,415 Volts prime rated DG set along with DG synchronization panel considered in acoustically treated room.
- UPS considered for Emergency Lighting , Command control centre & other ELV systems.
- VRLA battery have been considered for storage.
- Main Electrical Room has been located at the podium-1 floor.
- From Transformer & DG sync panel the connectivity to the panels through copper sandwich busduct.
- Only Main LT panels &DG sync panels have been considered as per IEC 61439& all other panels Considered with IEC 60439.
- From Main LT panel further feeding to the Tenant through Copper sandwich Rising main considered.
- AI XLPE armoured cable considered for Utility loads like Chillers ,pumps, Plumbing, Fire pumps ,Lifts , ventilations system, Lighting panel, raw power panels & EV charging panels.
- Lux Levels for the Office area , Corridors, Toilets, Lift Lobby & Parking areas has been designed as per NCB 2016. LED Lighting considered for the same.
- 20% of the car parking have been considered with electrical charging.
- The available Roof top area have been considered for online SOLAR power generation as per IGBC.
- The Global earthing system considered as per IS/IEC 62305.
- All the Equipment's have been considered with low losses & high efficiency.

Lift Works:

Following are the scope of work involved in Lift works.

The scope of work covers design, manufacture, Supply to site, unloading and storage at site, installation, testing and commissioning, handing over of Lifts. The details of Passenger and Service Lifts are clearly defined in the below

- 20 Persons Passenger Lifts with MRL (Machine Room less) and DCS (Destination Control System - 5Nos
- 15 Persons - Jump lifts with MRL (Machine Room less) -2Nos
- 20 Persons Fire Cum Service Lift with MRL (Machine Room less) -1No

HVAC System Works

Following are the scope of work involved in HVAC system works.

Air Conditioning:

Air Conditioning work will be provided as followed,

- Airconditioning requirements are catered to the building through chilled water system. The plant rooms which are in the podium floor comprises of the following equipment's.
- Water cooled chiller - 450 TR X 3 no's (2 Working +1 standby) with necessary valve arrangement and Pipe arrangement.
- Chilled water pumping system which includes Variable Secondary pump system, Constant Primary pump system, Condenser pump system with necessary valve package arrangement.
- In addition to this equipment's, we will have pot strainer, air separator and expansion tank inside the plant room.
- For critical areas like server room etc the air-conditioning requirement will be catered by air cooled chiller system 150 TR (1 working + 1 standby) along with the water pump system and necessary valve package and MS pipe arrangement.
- Terrace floor will have cooling towers and necessary valve package and MS pipe arrangement.

Ventilation:

Ventilation will be provided as followed,

- Basement Car park-will be provided with ductless ventilation system-with a fresh air and exhaust air capacity (for Normal & emergency mode) sized as per NBC 2016 with jet fans for each water curtain zones.
- Toilets, food court, DG room, Transformer room, Plant room etc
- Treated fresh air will be supplied to the AHUs to cater the fresh air requirement for the AHU.
- Smoke extraction systems for the corridor.

- Pressurization will be provided to staircase, lift lobby and lift well as per NBC 2016

System Description:

- Airconditioning requirement are provided to the core and shell areas and the tenant spaces.
- Core and shell area includes, Corridor areas, lobbies, TIDCO office, Food court, Auditorium areas. These areas will be provided with the chilled water indoor unit which can be FCU's, CSU's, Floor mounted AHU's along with the low side works like ducting & accessories
- Whereas for Tenant space dedicated AHU rooms to be provided with AHUs which is connected to Chilled water line and fresh air system which will be in TIDCO'S scope. The tenant must take care regarding the low side works after they take up the space.
- Energy consumption for each tenant shall be monitored by connecting a BTU meter in the return line of the chilled water system.

Kitchen Drainage system:

- Drainage pipe works for Kitchen counters at food court and diversion at Basement-01 to external sewer.

ELV System Works

Fire Alarm System:

- The proposed Fire Alarm System shall comply with NBC-2016 requirements & NFPA-72 standards.
- Analogue Addressable intelligent Fire Detection & Alarm System with Integrated Digital Voice Communication System is proposed.
- Multi-Criteria Detectors are proposed throughout the building. Heat / Thermal Detectors are considered in Kitchen area and car parking area. Special Application detectors like Duct detectors (AHU's Return air duct)/ Hydrogen Detectors (Battery Room) / Gas Leakage detectors (Gas Bank) considered.
- Modules like Manual Call Station, Input Monitor Module, Output Control Relay Modules are considered as per the requirement of project based on the application.
- Aspiration Smoke Detection system considered in IBMS Server Room and the same to be integrated with Fire Detection System, Gas Suppression System & BMS.
- Fire Alarm Panel is to be located in Ground Floor Fire Command Room (FCC Room) as per the guidelines given in NBC.
- Graphical User Interface with workstation is located in FCC Room as per the guideline given by NBC for ease of operation.
- Fire Alarm System to be integrated with Public Address System, Access Control System, HVAC System, Lift / Escalator, BMS within the building level.
- Fire Alarm System shall be interfaced with Integrated Command & Control System for centralized monitoring and ease of operation.

Fire Signages & Fire Suppression system:

- Clean Agent based Gas Fire Suppression System: - Clean Agent system will be designed as per NFPA 2001:2018 and will be provided to critical room i.e. IBMS & ICCC server room.
- Fire Signages shall be provided as per NBC-2016.

Public Address System:

- The proposed Public Address System is complied with NBC-2016 requirements & EN-54 standards.
- IP Based Public Address System is considered. The Main Equipment's like IP Multi-Zone Controller, IP Based Digital Amplifiers, IP Based Microphone Console shall be connected through LAN / IP Platform (Backbone).
- Field Speakers to be interfaced through 2 wire communication methodology. However, the all the speakers shall be complied with EN 54 Certification
- Mapping Software and its Operator workstation shall be located in FCC Room.
- Public Address System shall be interfaced with Fire Alarm System, BMS within the building level and interfaced with Integrated Command & Control System under centralized monitoring and ease of operation.

Closed Circuit Television (CCTV):

- CCTV is considered here for building Surveillance Purpose. IP CCTV System is considered with latest market trend technology as per the site requirement and building application.
- All Cameras are considered here are combination of 5MP & 8MP (4K) resolution with latest CCTV Algorithm to monitor the building in terms of security surveillance aspects.
- Cameras are considered in all the critical room like IBMS server room, ICCC room, FCC room and all hub rooms, passage, lift, staircase, utility rooms, electrical rooms, HVAC Rooms, Car Parking Areas, Building External Perimeter etc. and the cameras shall be connected through LAN Network. The power shall be driven from Network Highspeed Switches through Power over Ethernet (PoE).
- Layer 2 Network PoE Switches shall be placed in Floor wise HUB Room and the same shall be connected to L3-Core Switch with redundancy through OFC Backbone.
- The storage retention is considered here with 90days with Server based / NAS based storages Array box for Main Server Recording and the 30days data retention for Failover Server Recording. All the cameras do have edge-based analytics and the required analytics as per the tender shall be considered Server based if anything is not available in edge.
- CCTV Control & Monitoring station is considered in FCC Room and the Storage Devices, Servers with redundancy are considered in IBMS Server Room.
- All the CCTV cameras and the systems to be interfaced directly with ICCC System for centralized monitoring.

Security Access Control System:

- Access Control System considered here to secure the places to avoid the unauthorized entry to the building.
- Smart-Card based Access Control System is considered for Utility Rooms, Electrical Rooms, UPS Room, TIDCO Office Spaces, Entrance Control Equipment's, HVAC Rooms etc. within the building.

- Bio-metric based Access Control System is considered for Critical Rooms like HUB Room, TSP / ISP Room, IBMS Server Room, ICCC Room within the building.
- Master IP Based Access Controller is considered in each floor and the field equipment's shall be connected to Reader module and the reader module shall be interfaced with Master Controller.
- The Access control System is proposed for throughout the building and the same shall be interfaced through LAN connection to connect the backbone.
- Electro Magnetic Lock is considered as per the Door closure and related accessories with Cables, Conduits, Cable tray etc considered.
- Access Control System Server with Redundancy is placed at IBMS Server Rooms and Operator Workstation is placed at FCC Room / ICCC room.
- Access Control System Software with multiple features like General Access Control / Attendance & Monitoring / Vehicular Access Control / Visitor Management System / Canteen Management System is considered.
- The proposed Access Control System shall be modular and scalable in case any other module to be added for future services enablement with limited to OEM availability.
- Perimeter entry & exit security considered by using Boom Barrier & Automatic Number Plate Recognition for Vehicular Movement and the Physical security shall be done through Baggage Scanning, Door Frame Metal Detector (DFMD) and Manual Movement shall be monitored through Swing Barriers at Ground floor Entrance Foyer.
- Swing Barriers is considered in Ground Floor Entrance Foyer and the same shall be controlled / interconnected with Access Control System. Minimum number of required Smart Card is considered for Access Control System operation at this tender.
- The Swing Barrier shall have inbuilt QR code reader for enabling the access to the visitors. The QR Code shall be generated from access control software and the same shall be sent through Push/E-mail/Printable format.
- The access Control System Software and its features shall be interfaced with ICCC system for centralized monitoring.

Building Management System:

- Integrated Building Management System (IBMS) is considered for this project as per the requirement which will enable the building rated LEED– Platinum requirement.
- The proposed BMS DDC Controllers shall have compatibility to connect directly with cloud server for ease of operation. In case any failure shall be happened in physical server, the BMS – DDC Controllers shall push / pull the data from the Cloud Server and the operator shall be monitored / control the Building Operation through Cloud BMS Software Graphical Station.
- The following Sub-systems are considered under IBMS to control & Monitoring.
- Control & Monitoring of HVAC Lower & Higher side Equipment's with Energy Conservation.
- Control & Monitoring of Ventilation & Pressurization Panels
- Tenant energy consumption and Billing System by using BTU Meters / Water Meter / Gas Meter / Energy Meters etc.
- Monitoring of Firefighting & PHE System
- Monitoring of Electrical Systems like HT / LT Panels, DG, Transformers, Energy Meters, UPS, Solar System, EV Charging Station etc.
- Monitoring of Low Voltage System like Fire Alarm System & Aspiration Smoke Detection System, Public Address System, CCTV & Access Control System,

Gas Suppression System and Critical Room System like Water Leakage & Rodent Repellent System.

- All the above system shall be interfaced with DDC Controllers through Hard wired and Open Control Protocol like BACNet / IP, Modbus, M-Bus, LonWorks and KNX lighting Control Protocols etc.
- IBMS Server with Redundancy is considered in IBMS Server Room to install the IBMS Server Software and the Operator workstation with Client Software is considered in FCC Room for ease operation.
- Cloud Server shall be subscribed by TIDCO, and the Software installation shall be done by Successful Contractor. The cost of the software shall be included in the BMS Software itself.
- DDC Panels are considered in utility rooms as per the requirement and the same shall be interfaced with LAN Connectivity to connect within the building Backbone.
- All the required Field Sensors, accessories with cables, conduits and Cable trays are considered to complete as per project requirement.
- Finally, the BMS shall be interfaced with ICCC Software for centralized monitoring purpose.

Data Networking & Telecom System (ICT):

- Integrated Data Networking & Telecom System has been proposed to provide the high-speed internet, telecom services to entire building.
- The proposed ICT system shall be survived the common networking facility for Data Networking, Telecom works, CCTV, Access Control System, BMS Works, Car Parking Guidance System, IP PA System etc. However, the ICCC Backbone has been considered as dedicated network in Layer-2(L2) to facilitate the required communication without drop.
- The networking topologies has been considered Layer-3 (L3) Core Switch (Fiber Link Switch) with N:N redundancy, Layer-2 (L2) PoE+ Switches with Copper Distribution and the same shall be connected with L3 switch through OFC backbone. However, the external networking shall be connected with industrial grade 8Port PoE+ Rugged Switches and the same shall be interlinked with above backbone through OFC.
- Passive Components like OFC Backbone, Copper Distribution is considered as per the Project requirement and its application.
- CAT6A Copper distribution is considered for all the nodes of Data Networking, Telecom works, CCTV, Access Control System, BMS Works, Car Parking Guidance System, IP PA System and ICCC. Also 25 years stability certification shall be provided by the OEM for all Passive cabling components from field to Switching side. The certificate shall be issued to the name of Fintech Tower, TIDCO, Chennai.
- IPABX System proposed for telecom functional. The proposed System shall have combinational Analog & IP Telephonic System as per the project requirement.
- Analog telephonic system shall be connected with Multi-Pair Telephone Cables from MDF to IPABX Machine and field to MDF shall be CAT6A cable.
- The scope of works limited to provide Router, Network Management System, Switching Part, Passive Components Part as per the detailed BoQ.
- Finally, the ICT shall be interfaced with ICCC Software for centralized monitoring purpose.

Integrated Command & Control Centre (ICCC) System:

- Smart & Secure Integrated Command & Control Centre System is considered for this project as per the requirement which complies with the standards and regulations.
- The Integrated Command & Control Centre System is considered to monitor the centralised operations for the following sub-systems.

a. External Infrastructure

- Power Supply Distribution System and Street Lighting System
- Water Supply System - Potable water, recycle water and irrigation water
- Smart Metering for Utilities (Water, Electricity, Gas)
- Sewerage System
- Flood Management System
- Solid Waste Management System
- External Video Surveillance and Gate security System

b. Building - Instrumentation & Control System

- Integrated Building management System
 - CCTV Surveillance System
 - Access Control System
 - Fire Alarm System
 - Public Address System
- The considered Integrated Command & Control Centre consisting of Larger Size Video display to visualize the entire building & external operations.
 - The considered Integrated Command & Control Centre Software is open platform protocol interface with other sub-systems as listed above.
 - The dedicated Server with redundant and its software for server and operator workstations are considered this project.
 - ICCC Network path shall be common for Building internal services and Overall Fintech City External networking for all common utilities.

7. PERIOD OF COMPLETION:-

The period of completion of the project shall be 11 Months (Eleven Months) from the signing of the Agreement. The completion period is inclusive of the monsoon period also.

8. EARNEST MONEY DEPOSIT (EMD):-

Earnest Money Deposit of Rs. 48,28,260/- (Rupee Forty Eight Lakhs Twenty Eight Thousand Two Hundred and Sixty only) through online payment mode. The EMD amount should be the exact amount and no excess or less amount should be transferred through online payment gateway. If excess or short, the tender status will be shown as invalid weeks after completion of the selection process.

i Bid Security shall be paid via The Tamil Nadu Government e-procurement system (tntenders.gov.in) only.

ii Bank Guarantee/DD will not be accepted towards Earnest Money Deposit.

- iii The bank transaction details shall be submitted along with the proposal i.e., Technical Bid. Bids which are not accompanied with the scanned copy of bank transaction details of Bid Security will be rejected as Non-Responsive Tender
- iv Bid Security of the unsuccessful TENDERERS shall be refunded through The Tamil Nadu Government e-procurement system
- v The Bid Security of the successful tenderer will be refunded after the tenderer has furnished the required security deposit and signed the agreement.
- vi If the tenderer withdraws their bid after issue of work order or after acceptance of Letter of Award or failure to execute the contract agreement or fails to pay the required Security Deposit amount within the time specified in the work order, the Bid Security submitted with the Technical Bid will be forfeited.
- vii The Authority shall not be liable to pay any interest on the Bid Security and the same shall be interest free.
- viii TIDCO is entitled to cause forfeiture of the Bid Security if the TENDERER revokes / withdraws the Bid during the period of its validity and / or fails to comply with the conditions of the Letter of Award.

9. PERFORMANCE SECURITY DEPOSIT (SD): -

- a) The successful tenderer should furnish Performance Security Deposit for an amount equivalent to 3% (Three Percent) of the contract value, within 15 days (Fifteen days) from the date of receipt of Letter of Award
- b) The Performance Security Deposit shall be produced in the shape of in the form of Demand Draft/Irrevocable Bank Guarantee valid for Contract Period + 12 Months issued by Nationalized / Scheduled Banks drawn in favour of TIDCO, Chennai-600 008.
- c) The Performance Security Deposit will be refunded only after the expiration of "One Year" reckoned from the date of completion of the work or soon after the expiration of such period of one year as all defects shall have been made good according to the true intent and meaning hereof, whichever shall last happen and on production of indemnity bond until completion of defect liability period

9A ADDITIONAL PERFORMANCE SECURITY DEPOSIT (ASD): -

- a) The successful tenderer should furnish Additional Performance Security Deposit as follows within 15 days (Fifteen days) from the date of receipt of Letter of Award
 - i. 5% to 15 % less tender: 2% of Department value put to tender
 - ii. More than 15% less Tenders: 50% of difference between quoted amount and Department value
- b) The Additional Performance Security Deposit shall be produced in the shape of Demand Draft/Irrevocable Bank Guarantee valid for Contract Period + 12 Months issued by Nationalized or Scheduled Banks drawn in favour of TIDCO, Chennai-600 008.

- d) The Additional Performance Security Deposit will be refunded only after the expiration of "One Year" reckoned from the date of completion of the work or soon after the expiration of such period of one year as all defects shall have been made good according to the true intent and meaning hereof, whichever shall last happen and on production of indemnity bond until completion of defect liability period.

10. **RETENTION MONEY: -**

- a) In addition to the Performance Security Deposits, TIDCO shall deduct from the Running Account Bills equivalent to 5% (Five Percent) of the gross total value of each bill as retention money or performance Guarantee.
- b) 50% of retention money deposit (with GST) amount recovered from the bills would be paid to the contractor along with final bill.
- c) Balance 50% of Retention Money deposit (with GST) will be released after expiry of one year from the date of completion of work for which the contractor has to give a written undertaking in the form of an indemnity bond for further period of 4 years (As per GO MS No; 283 Public Works (G2) Dept. dated 21.05.1999.
- d) The retention money deducted in cash from the running account bills will not bear any interest.

11. **LANGUAGE OF TENDER: -**

The Technical Bid (Pre-Qualification Tender) and all Supporting Documents, Certificates, Evidences and the Price Bid should be submitted in "**ENGLISH**" only. The Supporting Documents if attached in any other language should be translated in English with the certificate of the "Notary Public" duly certifying that the English translation of the documents is true and accurate translation of the original documents.

12. **VALIDITY OF BID (TENDER):-**

The Bid (Tender) shall be valid for a period of 90 days from the last date of Submission of Tender

13. **PRE-BID MEETING: -**

- a) The tenderers or their authorised representative may attend the Pre-Bid Meeting, which will take place at **3.00 PM on 30.08.2024** at TIDCO Office, Chennai 600008.
- b) The purpose of the Pre-Bid Meeting is to clarify issues and answer queries on any matter in connection with the conditions, specifications, etc., furnished in the Technical / Price Bid Documents that may be raised on or before **29.08.2024 before 3.00 PM**. The queries can be sent to the email id cmd@tidco.com bhuvaneswari@tidco.com or through postal to the Managing Director, TIDCO.

- c) Clarifications/responses for the questions / queries raised (without identifying the source of the question / query) will be transmitted to all the intending tenderers who have attended the Pre-Bid meeting. Any modification of the contents in the bid documents, consequent on the decision taken during the Pre-Bid Meeting shall be made by the Tender Inviting Authority, exclusively through the issue of an ADDENDUM and not through the Minutes of the Pre-Bid Meeting.

14. SUBMISSION OF TENDERS: -

- a) The Bid should submit through <https://tntenders.gov.in> only
- b) Tenders should be submitted in two parts:
 - (i) Technical bid and
 - (ii) Price bid
- c) Tenderers should ensure submission of all documents along technical and Price bid as per the Check list.
- d) The Technical Bid (i.e.) Pre-Qualification Tender together with the bank transaction details for payment of Earnest Money Deposit shall be submitted.
- e) The price bid should be prepared as per the Price bid Format.
- f) Proposals must be submitted on or before 18.09.2024 at 3.00 P.M.
- g) The Price should be quoted in the Price bid only, in case found in Technical bid the tender will be rejected.
- h) Evaluators of Technical bids shall have no access to the Price bid until the technical evaluation, including its approval by Competent Authority is obtained.
- i) Prior to evaluation of Proposals, TIDCO will determine whether each proposal is responsive to the requirements of the tender document at each evaluation stage. TIDCO may, at its sole discretion, reject any Proposal that is not responsive here under.
- j) As part of the evaluation, the Technical proposal submission shall be checked to evaluate whether the TENDERER meets the prescribed Eligibility Criteria.
- k) TIDCO reserves all rights to accept or reject any proposal without assigning any reason

15. OPENING OF BIDS: -

- a) Technical Parts of all Bids received online by the due date and time will be opened online by the Employer, in the office of TIDCO in the presence of

TENDERER's designated representatives and anyone who chooses to attend, and this can also be viewed by the TENDERERS online.

- b) The Financial Parts of the Bids shall remain unopened in the e- Procurement System, until the subsequent public opening, following the evaluation of the Technical Bids.
- c) In all cases, the technical bid without the bank transaction details for EMD Payment(NEFT/RTGS details) will be declared non-responsive and will not be opened.
- d) Thereafter, the Tenderers' names, the presence of Bid security, and such other details as the Employer may consider appropriate, will be recorded as Technical Part Bid opening summary.
- e) The Technical Part Bid opening summary will be uploaded on the e-Procurement Portal and a copy of the same will be handed over to the TENDERERS' representatives present at the time of Bid opening.
- f) Only Technical Bids that are opened at Bid opening shall be considered further for evaluation.
- g) In the event of the specified date of bid opening being declared a holiday for the Employer, the bids will be opened at the appointed time and location on the next working day.
- h) Information relating to evaluation of bids and recommendations for the award of contract shall not be disclosed to TENDERERS or any other persons not officially concerned with the process until the award to the successful TENDERER is announced

16. EVALUATION OF TECHNICAL PARTS OF BIDS AND OPENING OF FINANCIAL PARTS OF BIDS

- a) Evaluation of Technical Bid with respect to Pre- qualification criteria shall be taken up.
- b) The Employer will determine whether each Bid (a) has been properly signed; (b) meets the qualification criteria defined and (c) is substantially responsive to the requirements of the bidding documents.
- c) After completion of Evaluation of Technical Bid and a list will be drawn up of the qualified TENDERERS whose Price bids will be eligible for opening. The result of evaluation of the Technical Bids shall be made public on The Tamil Nadu Government e-procurement system
- d) Following the results of evaluation of the Technical Bid being made public, the Employer shall notify in writing those TENDERERS whose Technical Bids have been evaluated as substantially responsive as under: (a) their Bid has been evaluated as substantially responsive to the bidding document and met the

- Qualification Criteria; (b) their Price bid will be opened online; and (c) notify them of the date and time of the online/public opening of the Price bids.
- e) The opening date should allow TENDERERs sufficient time to make arrangements for attending the opening. The Financial Part of the Bids shall be opened publicly in the presence of Tenderers' designated representatives and anyone who chooses to attend, and this could also be viewed by the TENDERERs online.
 - f) The Tenderers' names, the Bid prices, the total amount of each bid, and such other details as the Employer may consider appropriate will be notified online by the Employer at the time of bid opening. Any Bid price, which is not declared and recorded, will not be taken into account in Bid Evaluation.

17. EVALUATION OF PRICE BIDS

- a) The e-Procurement System automatically calculates and inserts the total Bid Price in the BOQ Schedule on the basis of (i) unit rates entered by the TENDERER in the BOQ Schedule online and (ii) quantities provided in the BOQ Schedule. The System also automatically populates the amount in words from the amount in figures. Therefore, there is no scope of discrepancy and need for arithmetic correction.
- b) During the detailed evaluation of Price Bid, the substantial responsiveness of the Bids will be further determined with respect to the those bid conditions that were not examined in evaluation of technical Bids, i.e., Financial Part, and Priced Bill of Quantities.
- c) If a Bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.
- d) The Employer shall compare the evaluated costs of all substantially responsive Bids established in accordance with tender conditions to determine the Bid that has the lowest evaluated price.

18. AWARD OF CONTRACT

- a) The tenderer whose Bid has been determined to be substantially responsive and who has offered the lowest evaluated bid price and who meets the specified qualification criteria will be declared as L1 and called for price negotiations.
- b) Upon finalization of price, Employer will issue the Letter of Award.
- c) Notwithstanding the above, the Employer reserves the right to accept or reject any bids and to cancel the bid process and reject all bids any time prior to the award of contract.
- d) After notification of award, the Employer will publish on the eProcurement Portal, following details of the Contract: (i) Name of each TENDERER who submitted the Bid; (ii) Bid prices; (iii) Name and evaluated price of each Bid that was evaluated; (iv) Names of TENDERERs whose Bids were rejected (v) Name of the selected TENDERER, the price it offered, and the duration & summary scope of the contract awarded

19. NEGOTIATION: -

Tenderer's Stamp & Initials

Negotiation of rates will be entered into, only with the substantially responsive lowest tenderer for reducing the quoted rates.

SECTION-III
SPECIAL CONDITIONS

SECTION-III
SPECIAL CONDITIONS

1. If any of the information furnished by the Tenderers is found to be concealed or false at a later date, the contract will be terminated forthwith without prejudice to the rights thereon consequent on the termination and the contractor will be banned from business dealings.
2. The tenderers are cautioned that the Technical Bid (Pre-Qualification Tender) containing any deviation from the terms and conditions and other requirements will be rejected as Non-Responsive or Low-Performance Reliability.
3. The evaluation of the Technical Bid (Pre-Qualification Tender) will be done only based on the Information, Evidence, Documents, Records, Particulars furnished by the tenderers. Hence, the tenderers are advised to furnish adequate and relevant information along with requisite documentary evidence without omission.
4. If additional particulars / documents are sought by the Tender Inviting Authority, the same should be furnished within the date fixed for the submission of such particulars / documents.
5. Attested true copies of the documentary evidences should be furnished along with the Technical Bid (Pre-Qualification Tender). However, all the originals of the Documentary Evidences should be produced for verification at the time of opening of Technical Bid (Pre-Qualification Tender) or whenever asked for by the Tender Inviting Authority. Unattested Xerox copy of the Documents / Evidence / Records will not be considered for the purpose of evaluation.
6. The TENDERER declares that all tender documents have been downloaded and studied in accordance with Schedule – “M”
7. All the pages in the Technical Bid (Pre-Qualification Tender) documents shall be signed without omission by the tenderers.
8. All the signatures in the Tender Documents shall be dated.
9. The Technical Bid (Pre-Qualification Tender) evaluation will be done on a “PASS” or “FAIL” basis against each items of Criteria stipulated for Pre-Qualification.
10. Details of the Documents / Records produced, with page numbers shall be furnished in the Index, which shall be appended as First Page / Sheet of the Technical Bid (Pre-Qualification Tender).

11. As far as possible, details shall be furnished in the schedules appended to this Technical Bid Documents. If the space left is found insufficient, additional sheets may be attached to the schedules.
12. Brochures, pamphlets, etc., shall be enclosed within the Documents Volume
13. The tenderers should include with the Technical Bid (Pre-Qualification Tender), details about them in the prescribed Proforma vide Schedule "A" to "M".
 - (i) Schedule "A" ----- Structure and Organisation
 - (ii) Schedule "B" ----- Financial capability
 - (iii) Schedule "C" ----- Details of similar projects executed
 - (iv) Schedule "D" ----- Details of Projects already committed & ongoing
Projects
 - (v) Schedule "E" ----- Revenue / Banker Solvency certificate
 - (vi) Schedule "F" ----- Net worth certificate
 - (vii) Schedule "G" ----- Bid capacity calculation
 - (viii) Schedule "H" ----- Details of availability of Technical Personnel under
Regular Employment with the Tenderers
 - (ix) Schedule "I" ----- Details of litigation relating to contract works etc
 - (x) Schedule "J" ----- Affidavit
 - (xi) Schedule "K" ----- Undertaking
 - (xii) Schedule "L" ----- Not blacklisting
 - (xiii) Schedule "M" ----- Declaration(The TENDERER declares that they have
downloaded and studied all tender documents)

14. METHODS OF TENDERING: -

- (a) If the tender is made by an individual, it should be signed by the individual, with his full name and current address.
- (b) If the tender is made by a Sole-Proprietary "FIRM", it shall be signed by the Proprietor along with his full name and full name of the "FIRM" with it's current address. Documents with regard to Registration of the Firm by the Registrar of Firms should be produced, without fail.
- (c) If the tender is made by a "Firm" in partnership, it shall be signed by all the Partners of the Firm with their full name and current address or by a Partner authorised by the Firm (Either as per articles of the Deed of Partnership or by

Registered Power of Attorney) for signing in Tenders, Agreements, etc., in which case, certified True Copy of the Deed of partnership along with the current address of all the Partners and the certified photocopy of the Registered Power of Attorney issued in favour of the Signatory should be produced.

- (d) If the tender is made by a Public / Private Limited Company or Corporation, it shall be signed by a duly authorised person holding the Power of Attorney for signing in tender, in which case, the certified copy of the Power of Attorney should accompany the Technical Bid. Such Public / Private Limited Company / Corporation should also furnish satisfactory evidence of its existence along with the Pre-Qualification Tender (Technical Bid).
- (e) Tenders from "JOINT VENTURES" are not acceptable.

SECTION-IV

MINIMUM CRITERIA FOR PRE-QUALIFICATION:

SECTION-IV

MINIMUM CRITERIA FOR PRE-QUALIFICATION: -

Clause	Qualification Criteria	Evidence to be produced: -
CRITERIA I		
1(a)	The Tenderer in the same "NAME" and "STYLE" should have been in the MEP Engineering Construction field at least for the preceding "TEN" years ending 31 st March 2024	<ul style="list-style-type: none"> i. Registered Partnership Deed in the case of Partnership Firms. ii. Articles of Agreement and Memorandum of Association registered with Registrar of Companies as per 'Company Act' in the case of Public / Private Limited Companies.
1(b)	<p>The Tenderer should be Registered as Class-IA State Level Civil/Electrical Contractors registered with PWD/TNHB/TNPHC/TNUHDB/Highways/Any Department of Government of Tamilnadu, Quasi-Government Departments, Central Government Departments undertaking with appropriate monetary limit above Rs.25 crores and with proven track record in executing major projects are only eligible to participate in the Tender Invitation.</p> <p style="text-align: center;">Or</p> <p>Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.</p>	<ul style="list-style-type: none"> i. Attested true copy of the communication issued by the Registering Authority, Registering the name of the Tenderer as Class-IA Contractor. ii. Copy of "LIVE CERTIFICATE" issued by the Registering Authority shall be enclosed. iii. Audited Balance sheet with Chartered Accountant's Certificate for the past "FIVE" years in the case of individual Contractors, Partnership firms, Public / Private Limited Companies. iv. the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.
1(c)	The Tenderer should produce Income Tax Assessment Order / Returns Filed for the Income Tax Assessment Year 2023-2024, GST Registration Certificate and GST Verification Certificate valid for the current period.	<ul style="list-style-type: none"> i. Attested True copy of the Income Tax Assessment Order issued by the Income Tax Department, or the Income Tax Returns filed with the Income Tax Department for the Tax Year 2023-24

Clause	Qualification Criteria	Evidence to be produced: -
		ii. Attested true copy of the Registration Certificate showing the GST Number assigned by the Commercial Tax Department issued by the Competent State / Central Commercial Tax Department Officials, valid for the current period. (i.e.,2023-2024) ii. Attested true copy of the GST Verification Certificate issued by the Competent State / Central Government Commercial Tax Department Officials for the year 2023-2024
CRITERIA II		
2(a)	<p>The Tenderers should have satisfactorily completed</p> <p>Criteria-1 Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for one multi storied RCC framed Office/ Commercial / IT Building with a minimum BUA of 5,00,000 sq.ft. with minimum 10 floors with a value not less than Rs.48 Crores under a single agreement in the last 5 years ending 31st March 2024.</p> <p style="text-align: center;">(or)</p> <p>Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for two multi storied RCC framed Office/ Commercial / IT Buildings each with a minimum BUA of 2,50,000 sq.ft. with minimum 06 floors with value not less than Rs.24 Crores (each work) in two agreements in the last 5 years ending 31st March 2024.</p> <p>Criteria-2 2a) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC# works for one project with a value not less than Rs.14 Crores under a single</p>	i. Certificate issued by the Engineer-in-Charge (Not below the rank of Executive Engineer / Project Engineer) of the project clearly showing the following details. <ol style="list-style-type: none"> a) Name of the Project b) Location of the Project (Village / Town / Taluk / District / State) c) Name / Designation of the Employer d) Value of work (As per Agreement) e) Agreement Number f) Period of contract as stipulated in the Agreement g) Date of commencement of the Project h) Date of actual completion of the Project i) Reasons for the delay in completion of the project, if any j) Actual value of work done as per Final Bill k) Quality of work executed. l) Quantities of individual items of work actually executed. ii. The Work completion certificate issued by the Competent Authority/Authorized signatory of

Clause	Qualification Criteria	Evidence to be produced: -
	<p>agreement in the last 5 years ending 31st March 2024.</p> <p>(or)</p> <p>Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC[#] works for two projects with value not less than Rs.7 Crore (each work) in two agreements in the last 5 years ending 31st March 2024.</p> <p>2b) Certificates issued by the Government Organizations /Non-Government Organisation works* in respect of Electrical & ELV^{##} works for one project with a value not less than Rs.25 Crore under a single agreement in the last 5 years ending 31st March 2024.</p> <p>(or)</p> <p>Certificates issued by the Government Organizations /Non-Government Organisation works* in respect of Electrical & ELV^{##} works for two projects, each with value not less than Rs.12.5 Crore (each work) in two agreements in the last 5 years ending 31st March 2024.</p> <p>The above criteria 2a & 2b are mandatory criteria's which are required to be satisfied</p> <p>Note: If the requirement of Criteria 2 is satisfied in Criteria 1 itself, then the same project can be mentioned in Criteria 2 as well.</p> <p>* For Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.</p>	<p>the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.</p>

Clause	Qualification Criteria	Evidence to be produced: -
	<p>** MEP works refers to HVAC, Electrical and ELV works.</p> <p># HVAC works includes Chillers, Cooling tower, AHU.</p> <p>## Electrical & ELV works includes Transformer, HT & LT, Internal Electrification & IBMS Works</p> <p>Weightage at 10% per annum will be allowed to bring the value of the work to the current money value.</p>	
CRITERIA III		
3(a)	Annual turnover shall not be less than Rs.145 Crores in any One of the last Five Years ending 31st March 2024	<p>i. Audited Balance Sheet, Profit and Loss Account etc., duly certified by the Chartered Accountant for the preceding "FIVE" years.</p> <p>ii. Income Tax Return filed (clearly showing the total contract amount received) for the preceding 'FIVE' years.</p> <p>iii. The total contract amount received, as shown in the Profit and Loss Account should have been reflected in the Income Tax Returns filed. In case, if there is difference in the Total Contract Amount received as depicted in the Profit and Loss Account and as furnished in the Income Tax Return, lesser among the two figures alone will be considered for the purpose of evaluation against this criteria.</p>
CRITERIA IV		
4(a)	The TENDERER should produce Revenue/Banker Solvency Certificate equivalent to atleast Rs. 39 Crores obtained not earlier than 90 days from the last date of submission of bid.	Solvency certificate from Revenue/Banker authorities as per Schedule 'E'
4(b)	The TENDERER should have a Net worth of not less than Rs. 24 Crores as on last date of submission of the bid.	Net worth certificates as per Schedule 'F'

Clause	Qualification Criteria	Evidence to be produced: -
4(c)	<p>The Liquid Assets or Cash Credit Facilities or Overdraft Facilities available with the Tenderer should be at least Rs.20 Crores</p>	<p>i. Certificate issued by the Chartered Accountant, not earlier than Seven Days from the date fixed for submission of tender, clearly showing the Cash on Hand and Cash with Banks.</p> <p>ii. Certificates issued by the Bank / Banks, not earlier than Fifteen Days from the date fixed for submission of tender, clearly showing the Cash Credit / Overdraft Facilities extended to the Tenderer, the Cash Credit / Overdraft Facilities availed as on the date of certificate by the Tenderer and the balance Cash Credit / Overdraft Facilities remaining in the Accounts of the Tenderer as on the date of certificate.</p>
CRITERIA V		
5(a)	<p>The Tenderer should possess Bid Capacity at least equivalent to the value of this Project (i.e.) Rs.96.36 Crores</p> <p>The bid capacity of the Tenderer will be computed in the following manner.</p> <p>Assessed Available Bid Capacity: (A X N X 2 – B) ≥ Rs. 96.36 Crores</p> <p>Where 'A': Maximum annual turnover in any one year of the immediate past "FIVE" years.</p> <p>Where 'N': Number of years prescribed for completion of the work for which Tenders are called for (11 Months).</p> <p>Where 'B': Value of existing commitments and ongoing works to be completed during the Contract period of the work for which Tenders are called for.</p>	<p>i. Audited Balance Sheet, Profit and Loss Account, etc., clearly showing the Contract Amount received for executing Civil Engineering works duly certified by the Chartered Accountant for the immediate past "FIVE" years.</p> <p>ii. Total value of the existing commitments and ongoing works to be completed during the contract period of the works. For this purpose, the certificate issued by the Engineer-in-Charge not below the rank of Executive Engineer for each of the committed and ongoing works should be furnished in the format prescribed in Schedule 'D'.</p> <p>iii. private parties, the Tenderer should produce the true copy of the certificate issued by the Competent Authority/Authorized signatory of the organisation and shall be got authenticated by the</p>

Clause	Qualification Criteria	Evidence to be produced: -																
	<p>The following enhancement factors shall be used for the costs of works executed and the financial figures to a common base value for works completed in India.</p> <table border="1" data-bbox="300 420 852 661"> <thead> <tr> <th colspan="2">Multiplying Factor</th> </tr> </thead> <tbody> <tr> <td>Current Year 1 (2023-24)</td> <td>1.46</td> </tr> <tr> <td>Year 2 (2022-23)</td> <td>1.33</td> </tr> <tr> <td>Year 3 (2021-22)</td> <td>1.21</td> </tr> <tr> <td>Year 4 (2020-21)</td> <td>1.10</td> </tr> <tr> <td>Year 5 (2019-20)</td> <td>1.00</td> </tr> </tbody> </table>	Multiplying Factor		Current Year 1 (2023-24)	1.46	Year 2 (2022-23)	1.33	Year 3 (2021-22)	1.21	Year 4 (2020-21)	1.10	Year 5 (2019-20)	1.00	<p>NOTARY Public with regard to the private works furnished by Him/Her/Them other than Government / Quasi government organisation. for each of the committed and ongoing works should be furnished in the format prescribed in Schedule 'D'.</p> <p>iv. Bidding capacity calculation shall be submitted as per Schedule 'G' and same shall be certified by a Chartered Accountant</p>				
Multiplying Factor																		
Current Year 1 (2023-24)	1.46																	
Year 2 (2022-23)	1.33																	
Year 3 (2021-22)	1.21																	
Year 4 (2020-21)	1.10																	
Year 5 (2019-20)	1.00																	
CRITERIA VI																		
6(a)	The Tenderer should not have any of his / their contract terminated / rescinded due to breach of contract attributable to the Tenderer during the immediate past "FIVE" years.	Sworn-In-Affidavit in Twenty Rupees Non-Judicial Stamp Paper duly certified by the Notary Public should be produced. (Specimen appended vide Schedule 'J').																
6(b)	The Tenderer should not have been blacklisted by TIDCO or any other Government agency / Central and State Public Sector Organizations.	<p>i. Duly notarized affidavit for not having black listed either by TIDCO or by any other Govt. agencies as per Schedule 'L' shall be submitted</p> <p>ii. Further, if the TENDERER is found to be blacklisted in India before award of contract by any Government Agency, the bid will be rejected.</p>																
CRITERIA VII																		
7(a)	<p>The Tenderer shall have key technical personnel under regular employment with minimum Field Experience noted against each, available as detailed below exclusively for this work.</p> <table border="1" data-bbox="300 1564 933 1929"> <thead> <tr> <th>S.No</th> <th>Position</th> <th>Qualification</th> <th>Years of experience</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Project Manager - MEP</td> <td>BE(Mech/Ele)</td> <td>20</td> </tr> <tr> <td>2</td> <td>Project Engineer - Electrical</td> <td>BE(Ele)</td> <td>15</td> </tr> <tr> <td>3</td> <td>Project Engineer - Mechanical</td> <td>BE(Mech)</td> <td>15</td> </tr> </tbody> </table>	S.No	Position	Qualification	Years of experience	1	Project Manager - MEP	BE(Mech/Ele)	20	2	Project Engineer - Electrical	BE(Ele)	15	3	Project Engineer - Mechanical	BE(Mech)	15	<p>i. Educational certificates/Degree Certificates are required for the key technical personnel,</p> <p>a) Name</p> <p>b) Qualification</p> <p>c) Total Experience</p> <p>d) Under Regular Employment with the Tenderer since</p> <p>e) Emoluments being paid</p> <p>ii. List of Technical Personnel proposed to be employed for this project along with their willingness letters, Attested Xerox</p>
S.No	Position	Qualification	Years of experience															
1	Project Manager - MEP	BE(Mech/Ele)	20															
2	Project Engineer - Electrical	BE(Ele)	15															
3	Project Engineer - Mechanical	BE(Mech)	15															

Clause	Qualification Criteria				Evidence to be produced: -
	4	Project Engineer - ELV	BE(Ele/ Electronics)	15	<p>copy of the Testimonials in support of the Technical Qualification of the Personnel proposed to be deployed.</p> <p>iii. If required numbers of Technical Personnel are not under permanent / regular employment of the Tenderer, the details such as Name, Qualification, Span of Experience, etc., of the Personnel proposed to be employed exclusively for this work along with their willingness letters, attested xerox copy of the testimonials in support of their Technical Qualifications should be produced.</p> <p>Even though the applicants meet the above criteria, they are subject to disqualify if they have:</p> <p>-</p> <ul style="list-style-type: none"> • Made misleading or false representation in the form, statements and attachment submitted. and/or • Records of poor performance such as abandoning the work, rescinding of contract for which the reasons are attributed to the non-performance of the contractor, consistent history of litigation awarded against the applicant or financial failure due to bankruptcy.
5	Quantity Surveyor/Engineer	BE(Mech/Ele)	15		
6	QA QC Engineer-Site	BE-Elec/Mech	15		
7	HSE officer	BE-Elec/Mech	20		
8	Planning Engineer	BE-Elec/Mech	15		
7(b)	Encumbrance Certificate				<p>The Tenderer should produce Encumbrance Certificate issued by the Registration department on the properties listed out in the solvency Certificate in the name of applicant for the period from the date of issue of solvency up to the date of publication of tender notice</p>

Clause	Qualification Criteria	Evidence to be produced: -
CRITERIA VIII		
8	Before submission of the bid, the Tenderer shall conduct the site visit mandatorily, examine and obtain all information to ensure their satisfaction. The submission of a bid by the Tenderer will be construed as evidence that such an examination was made by him and any later claims/disputes in regard to rates quoted or work schedule shall not be entertained or considered by the Employer. Ignorance of site conditions shall not be accepted by the Employer as a basic for any claim for compensation.	Tenderer shall get certificate from TIDCO and submit along with bid that site visit is completed.

Note: -

1. Copies of the documentary evidence in support of the pre-qualification requirements should be submitted with due attestation by the competent authority.
2. The tenderers should furnish the original documents if called for at the time of tender evaluation to verify the copies of documentary evidence furnished along with the pre-qualification documents.
3. The audited balance sheet/profit and loss account etc., to be furnished by the tenderers should be properly endorsed by the auditors as "verified with reference to the particulars furnished by the individual and found to be correct".

SECTION – V
SCHEDULES

SECTION-V
SCHEDULES

SCHEDULE-A

STRUCTURE AND ORGANISATION

1	Name of the Tenderer	:	
2	Status	:	
a	Individual contractor	:	
b	Sole proprietary Firm	:	
c	Firm in Partnership	:	
d	Private Limited company	:	
e	Public Limited Company	:	
3	Head / Registered Office address of the Tenderer with Phone / Telex / Fax Number	:	
4	Local Office (if any) Address with Phone / Telex / Fax Number	:	
5	Field of Activity of the Tenderer as per Deed of Partnership / Articles of Association (Civil Engineering Contractor / General Engineering Contractor, etc., shall be specified)	:	
6	Country and year of Incorporation	:	
7	Main line of business	:	
8	Names, Position, Status, Capacity etc., of the Personnel / Directors of the company (Attach Organisation Chart showing the structure of the Company / Firm)	:	
9	Name, Capacity and Address of the signatory who has signed the Tender Documents [Attested copy of Authorisation issued (either by Registered Power of Attorney or as per Articles of Association) in favour of the Signatory to sign the Price Tender / Agreements should be appended].	:	

Dated Signature of the Tenderer with Seal

SCHEDULE-B

FINANCIAL CAPABILITY

1	Name and Address of the Tenderer	:	
2	Income Tax PAN Number	:	
3	TNGST / CST / VAT Registration Number	:	
4	Annual Turnover as per Income Tax returns filed for the past "FIVE" years	:	Tax Year Rs in lakhs
	A	:	2019-2020
	B	:	2020-2021
	C	:	2021-2022
	D	:	2022-2023
	E	:	2023-2024
5	Annual Turnover as per audited statement of Accounts duly certified by the Chartered Accountant during the preceding "FIVE" years (Attach Balance Sheets, Profit and Loss A/c)	:	Financial Year Rs in lakhs
	A	:	2019-2020
	B	:	2020-2021
	C	:	2021-2022
	D	:	2022-2023
	E	:	2023-2024
6	Financial Position	:	
	a. Cash in hand	:	
	b. Cash in Bank / Banks	:	
	c. Current Assets	:	
	d. Current Liabilities	:	
	e. Working capital	:	
	f. Net worth	:	
7	Outstanding value of works already committed and ongoing Projects and Time available for completing the	:	

	Committed / ongoing Projects. (Details for each Project should be furnished in Schedule "D")		
8	Amount available in Capital Account	:	Rs. in lakhs
	(a) Paid up share capital (of Partners or Share Holders)	:	
	(b) Called up and subscribed share capital	:	
	(c) Reserves under Capital Account	:	
	(d) Surplus under Capital Account	:	
	Total	:	
	Net Profit before Tax during the preceding "FIVE" Years		Rs. in lakhs
	A	:	2019-2020
	B	:	2020-2021
	C	:	2021-2022
	D	:	2022-2023
	E	:	2023-2024
9	Tenderers financial arrangements	:	Rs. in lakhs
	(a) Own resources	:	
	(b) Cash Credit / Over Draft facilities extended by Banks	:	
	(c) Other source (Specify the source)	:	
	Total	:	

Dated Signature of the Tenderer with Seal

SCHEDULE-C

Details of similar work of completed projects and Certificates issued by the Government Organizations in respect of

The Tenderers should have satisfactorily completed

Criteria-1

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for **one** multi storied RCC framed Office/ Commercial / IT Building with a minimum BUA of 5,00,000 sq.ft. with minimum 10 floors with a value not less than **Rs.48 Crores under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for **two** multi storied RCC framed Office/ Commercial / IT Buildings each with a minimum BUA of 2,50,000 sq.ft. with minimum 06 floors with value not less than **Rs.24 Crores (each work)** in two agreements in the last 5 years ending 31st March 2024.

Criteria-2

2a) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC works for **one** multi storied RCC framed Office/ Commercial / IT Building with a value not less than **Rs.14 Crores under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC works for **two** multi storied RCC framed Office/ Commercial / IT Buildings with value not less than **Rs.7 Crore (each work) in two agreements** in the last 5 years ending 31st March 2024.

2b) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of Electrical & ELV works for **one** multi storied RCC framed Office/ Commercial / IT Building with a value not less than **Rs.25 Crore under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of Electrical & ELV works for **two** multi storied RCC framed Office/ Commercial / IT Buildings each with value not less than **Rs.12.5 Crore (each work) in two agreements** in the last 5 years ending 31st March 2024.

The above criteria 2a & 2b are mandatory criteria's which are required to be satisfied

Note: If the requirement of Criteria 2 is satisfied in Criteria 1 itself, then the same project can be mentioned in Criteria 2 as well.

* For Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.

** MEP works refers to HVAC, Electrical and ELV works. HVAC works includes Chillers, Cooling tower, Pumps, AHU, Fans, Piping and Ducting. Electrical works includes Transformer, DG Sets, HT & LT, Internal Electrification, Lift Works, ELV Works includes FAPA, CCTV, ACS, BMS, Data Networking.

Name of Tenderer: -

Sl. No.	Name of Project with Location (village / town / district/ state) to be furnished	Name and full address of the employer	Value of the project (Rs.)	Built Up Area (BUA) in Sq.ft	No of Floors	Agreement Number	Period of completion stipulated in the agreement	Actual time taken to complete the project	Special nature of work involved in the project	Reason for delay in completion (If any)	Salient features of the project	Actual value of work done as per final bill	Remarks

Dated Signature of the Tenderer with Seal

Note: -

1. Attested true copy of the certificate issued by the Engineer-in-Charge of the project should be furnished.
2. For private parties, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation

SCHEDULE-D

Details of works already committed by the tenderer and Ongoing works being executed by the tenderer

Name of Tenderer: -

Sl. No	Name of project with location	Name / designation of the employer or owner	Agreement No	Total value of the project as per agreement	Period of completion stipulated in the agreement	Date of commencement of the project	Balance period available for completing the remaining portion of the project	Value of work so far completed (In Rs.)	Value of remaining portions of the project to be completed (In Rs.)	Physical progress or Present stage of project	Remarks

Dated Signature of the Tenderer with Seal

Note: -

1. Attested true copy of the certificate issued by the Engineer-in-Charge of the project should be furnished.
2. For private parties, the Tenderer should produce the true copy of the certificate issued by the Competent Authority/Authorized signatory of the organisation and shall be got authenticated by the NOTARY Public with regard to the private works furnished by Him/Her/Them other than Government / Quasi government organisation.

SCHEDULE-E

REVENUE/BANKER SOLVENCY CERTIFICATE

To

The Managing Director,
TIDCO,
No.19-A, Rukmini Lakshmipathy Road, Egmore, Chennai-600 008.

Dear Sir,

This is to certify that to the best of our knowledge and information, M/s....., (address), a customer of our Bank is respectable and be treated as good for an engagement up to a sum of Rs.(Solvency amount)only as on(Date of certificate)

This certificate has been issued without any risk and responsibility on the part of the Bank or any of its officers.

This certificate is issued at the specific request of the customer.

Yours faithfully,

forBank

Bank Officer with designation

SCHEDULE-F

NETWORTH CERTIFICATE

(on the Letterhead of Registered/ Practicing Chartered Accountant)

This is to certify that the Net worth of M/s. is Rupees

Only as on _____. It is further certified that the computation of Net worth, based on my/our scrutiny of the books of accounts, records and documents, is true and correct to the best of my / our knowledge and as per information provided to my / our satisfaction.

Place:

Date:

For (Name of Accounting Firm)

Name of Partner Chartered Accountant Membership Number

(Rubber Stamp)

SIGNATURE OF THE TENDERER
(With seal and Address)

SCHEDULE-G

CALCULATION OF BID CAPACITY

(Tenderer to calculate bid capacity in line with Criteria V & Certified by a Chartered Accountant)

SCHEDULE-H

Details of key technical personnel under regular employment of the tenderer who can be made available exclusively for this project

Name of tenderer: -

Sl. No	Designation	Minimum requirement for the project	Name	Technical qualification	Under regular employment with applicant since	Total span of experience	Salary being paid	Remarks
1	Project Manager - MEP	BE(Mech/Ele) - 20 Years						
2	Project Engineer - Electrical	BE(Ele) - 15 Years						
3	Project Engineer - Mechanical	BE(Mech) - 15 Years						
4	Project Engineer - ELV	BE(Ele/ Electronics) - 15 Years						
5	Quantity Surveyor/Engineer	BE(Mech/Ele) - 15 Years						
6	QA/QC Engineer- Site	BE(Ele/Mech) - 15 Years						
7	HSE officer	BE(Ele/Mech) - 20 Years						
8	Planning Engineer	BE(Ele/Mech) - 15 Years						

Enclosures: Curriculum Vitae, attested Xerox copy of the Testimonials in support of the Technical Qualification of the Personnel proposed to be deployed along with their willingness letters.

Dated Signature of the Tenderer with Seal

SCHEDULE-I

Information regarding current litigation / debarring/ Expelling of the tenderer or abandonment of work by the tenderer

1 (a)	Is the Tenderer or Any of it's Constituent Partners currently involved in any Arbitration / Litigation relating to the contract works	:	Yes / No
(b)	If "Yes", furnish details thereon	:	
2 (a)	Has the Tenderer or any of it's Constituent Partners been Debarred / Expelled by any Agency in the preceding "Three" years	:	Yes / No
(b)	If "Yes", furnish details thereon	:	
3 (a)	Has the Tenderer or any of it's Constituent Partners failed to complete and Abandoned any contract work in the preceding "Three" years	:	Yes / No
(b)	If "Yes", furnish details thereon	:	

Dated signature of the Tenderer with seal

Note:-

1. If any information in this schedule is found to be incorrect or concealed the tender will be summarily rejected.

SCHEDULE-J

AFFIDAVIT

(To be furnished in a Twenty Rupees Non - Judicial Stamp Paper duly certified by Notary Public)

1. I / WE the undersigned do hereby solemnly declare that all the statements made in the Documents, Records etc., attached with this Tender are True and Correct.
2. I / WE the undersigned do hereby declare that neither my / our firm / company nor any of its Constituent Partners have abandoned any work / works of similar nature and magnitude in the past "Three" years.
3. I / WE the undersigned do hereby declare that any of the Contracts awarded to me/us has not been Terminated / Rescinded, due to breach of contract on my/our part, during the past "Three" years.
4. I / WE the undersigned authorize(s) and request(s) any Bank / Person / Firm / Corporation / Government Departments to furnish pertinent information deemed necessary and requested by The Managing Director, TIDCO, No.19-A, Rukmini Lakshmipathy Road, Egmore, Chennai-600 008 to verify the statements made by me / us or to assess my / our Competence and Reputation.
5. I / We the undersigned, understand(s) that further qualifying information / clarifications on the statements made by me / us may be requested by The Managing Director, TIDCO, No.19-A, Rukmini Lakshmipathy Road, Egmore, Chennai-600 008 and agree(s) to furnish such information / clarification within "SEVEN" Days from the date of such request from The Managing Director, TIDCO, No.19-A, Rukmini Lakshmipathy Road, Egmore, Chennai600 008.

Dated Signature of the Tenderer with seal

SCHEDULE-K

UNDERTAKING

(Undertaking should be furnished in a Twenty Rupees Non - Judicial Stamp Paper with the Tender and certified by the Notary Public)

I / We _____ the Tenderer do hereby undertake that I / we will abide by the Terms and Conditions, if any modified by the Government, in the Contract Conditions Subsequent to submission of Tender or subsequent to execution of the Agreement.

Dated Signature of the Tenderer with Seal

CERTIFICATE OF THE NOTARY PUBLIC

The above named deponent has understood the contents well and solemnly and sincerely declared and affirmed by the deponent in my presence and signed before me....., on this day
.....

(SIGNATURE OF NOTARY PUBLIC WITH SEAL)

SCHEDULE-L

AFFIDAVIT - NON -BLACKLISTING

(Undertaking should be furnished in a Twenty Rupees Non - Judicial Stamp Paper
with the Tender and certified by the Notary Public)

Date.....

We, -----(name of the applicant) hereby undertake & confirm that our
firm//company or partners / share holder had not been blacklisted by TIDCO or by any
Government Agencies.

SCHEDULE-M

DECLARATION

Date:

To

Tamilnadu Industrial Development Corporation

Limited

Chennai -8

Dear Sir,

Sub: Declaration from TENDERER for Tender for Supply, Installation, Testing & Commissioning of MEP works (Electrical HT/LT, DG Set, Lift, HVAC & ELV) Fintech Tower at Fintech city, Nandambakkam Village, Alandur Taluk, Chennai District. We hereby confirm that the tender documents such as Cover I, Cover II, List of Approved Makes, Technical Specification, Tender drawings, Bill of Quantities, Pre bid Clarifications, Corrigendum etc have been downloaded and studied by us.

Thanking you,

Yours Faithfully,

Authorised Signatory

Company Seal / Rubber Stamp

SECTION - VI

SUBMITTALS

SECTION-VI

SUBMITTALS

The tenderers are required to produce the following evidences, statements, details, information, data, certificate etc., as submittals in a separate booklet neatly stitched, bound and paginated. The submittals have a separate index showing where the documents are available, and against which format the documents are produced.

1. Copy of Certificate of Incorporation as Company issued by the Registrar of Companies under Company Act, Articles of Association / Memorandum of Association in respect of Private / Public Limited Company.
2. Copy of Certificate of Registration as Firm issued by the Registrar of Firms and copy of Registered Deed in Partnership.
3. Organisation chart showing the structure of the Company/Firm
4. Copy of Registration letter issued by the Competent Authority registering the tenderer as Class-IA State Level Civil/Electrical Contractors registered with PWD/TNHB/TNPHC/TNUHDB/ Highways / Any Department of Government of Tamilnadu, Quasi-Government Departments, Central Government Departments undertaking undertakings with appropriate monetary limit for taking up of works along with the Live Certificate valid for the current period.
5. Statement of Accounts viz. Profit and Loss Account, Balance Sheet, etc., duly certified by the Chartered Accountant for the immediate past FIVE years (i.e.) 2019-2020,2020-2021,2021-2022,2022-2023 & 2023-2024 as per Schedule-B.
6. Certificate clearly showing the Cash Credit Facilities / Overdraft Facilities extended by the Bank / Banks to the tenderer and the Cash Credit Facilities / Overdraft Facilities already availed by the tenderer and the Cash Credit Facilities / Overdraft Facilities remaining in the accounts of the tenderer issued by the Bank / Banks not earlier than 15 days from the date fixed for submission of tender as per Schedule-B and to satisfy Criteria-IV and for assessing the sustainability of cash outflow of the tenderer.
7. Certificate issued by the Chartered Accountant not earlier than 7 days from the date fixed for submission of tender, clearly showing the cash on hand and cash with banks as per Schedule-B and to satisfy Criteria-IV and for assessing the sustainability of cash outflow of the tenderer.
8. Revenue / Banker Solvency certificate as per Schedule-E
9. Net worth certificates as per Schedule-F

10. Bid capacity calculation shall be submitted as per Schedule-G
11. Copy of Income Tax Return filed in the past FIVE tax years (i.e.) 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024 (Assessment Year)
12. Copy of GST Registration Number assigned to the tenderer.
13. Copy of GST issued by the Commercial Taxes Department of Government of Tamil Nadu / any other State / Central Government Commercial Taxes Department.

14. **Criteria-1**

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for **one** multi storied RCC framed Office/ Commercial / IT Building with a minimum BUA of 5,00,000 sq.ft. with minimum 10 floors with a value not less than **Rs.48 Crores under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of MEP works** for **two** multi storied RCC framed Office/ Commercial / IT Buildings each with a minimum BUA of 2,50,000 sq.ft. with minimum 06 floors with value not less than **Rs.24 Crores (each work)** in two agreements in the last 5 years ending 31st March 2024.

Criteria-2

2a) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC works for **one** multi storied RCC framed Office/ Commercial / IT Building with a value not less than **Rs.14 Crores under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of HVAC works for **two** multi storied RCC framed Office/ Commercial / IT Buildings with value not less than **Rs.7 Crore (each work) in two agreements** in the last 5 years ending 31st March 2024.

2b) Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of Electrical & ELV works for **one** multi storied RCC framed Office/ Commercial / IT Building with a value not less than **Rs.25 Crore under a single agreement** in the last 5 years ending 31st March 2024.

(or)

Certificates issued by the Government Organizations / Non-Government Organisation works* in respect of Electrical & ELV works for **two** multi storied RCC framed Office/ Commercial / IT Buildings each with value not less than

Rs.12.5 Crore (each work) in two agreements in the last 5 years ending 31st March 2024.

The above criteria 2a & 2b are mandatory criteria's which are required to be satisfied

Note: If the requirement of Criteria 2 is satisfied in Criteria 1 itself, then the same project can be mentioned in Criteria 2 as well.

* For Non-Government Organisation works of similar nature executed by the Tenderer externally for private parties, shall also be considered, provided that, the Tenderer should produce the Work completion certificate issued by the Competent Authority/Authorized signatory of the organisation, and shall be got authenticated by the NOTARY Public with regard to the private works completed by Him/Her/Them other than Government / Quasi government organisation.

** MEP works refers to HVAC, Electrical and ELV works. HVAC works includes Chillers, Cooling tower, Pumps, AHU, Fans, Piping and Ducting. Electrical works includes Transformer, DG Sets, HT & LT, Internal Electrification, Lift Works, ELV Works includes FAPA, CCTV, ACS, BMS, Data Networking.

15. Certificates issued by the Engineer-in-charge in respect of already committed and ongoing works as per Schedule-D clearly showing the total value of contract, the value of work already completed, the value of work to be completed, the total period of contract, date of commencement of work, remaining period available for completing the remaining portion of the ongoing / committed works.
16. Curriculum Vitae of each of the key personnel named in the Schedule-H together with the consent letters furnished by the key personnel, testimonials in support of their technical qualification and experience.
17. Information regarding litigation/debarring as Schedule-I
18. Affidavit as per Schedule-J
19. Undertaking as per Schedule-K
20. Declaration for Non-Blacklisting as per Schedule-L
21. The TENDERER declares that all tender documents have been downloaded and studied in accordance with Schedule – M
22. Tenderer shall get certificate from TIDCO and submit along with bid that site visit is completed.