

BID NO: GEM/2026/B/8089461



**STATE BANK OF INDIA
ADMINISTRATIVE OFFICE JHANSI
INVITES TENDERS UNDER TWO BID
SYSTEM ON GEM PORTAL
FOR**

**SITC OF DC AND AC EV CHARGING STATIONS IN THE
OFFICES/BRANCHES/RESIDENTIAL COMPLEX OF SBI AT DIFFERENT
LOCATIONS UNDER LUCKNOW CIRCLE (U.P.)**

Tender Documents Consisting of :

**NIT, General Rules and Instruction for the Guidance of Tenderer,
Form of Tender, Articles of Agreement, General Conditions
of Contract, Technical Specifications and
Bill of Quantities**

Assistant General Manager(Premises & Estate)

**Local Head Office,
Moti Mahal Marg,
Hazratganj Lucknow**

...PIN-226001

Mob.-7408403577

E-mail : agmpne.lholuc@sbi.co.in



STATE BANK OF INDIA
NOTICE INVITING TENDER

State Bank of India (SBI) Invites tender through GeM Portal for Supply, Installation, Mounting, Testing & Commissioning (SITC) of 19 nos. EV Charging Stations of different rating and categories at SBI Buildings located at Kanpur (04 Nos), Lucknow (05 No), Varanasi (05 Nos), Gorakhpur (03 Nos) & Prayagraj(02 Nos) from Bank empanelled electrical contractors in Lucknow Circle (Category-V upto Rs. 100.00 Lacs) having authorization certificate from reputed OEM (Original Equipment Manufactures) like Xobolt/TATA/JIO/Statiq/Bolt/Zev Point/JBM/Nikol/ Tirez/ Verdemobility make. Details of the tenders are as under:

SN	Particulars	Details
1	Name of work	Supply, Installation, Testing & Commissioning (SITC) of 19 nos. EV Charging Stations of different rating and categories at SBI Buildings located at Kanpur (04 Nos), Lucknow (05 No), Varanasi (05 Nos), Gorakhpur (03 Nos) & Prayagraj (02 Nos) from reputed Original Equipment Manufacturers (OEMs) through their authorized Channel Partners. The Tender document can be Viewed and downloaded through GeM portal.
2	Nature of Work	EV Charging Station of Different rating and categories.
3	Time allowed for completion	The time allowed for completion of the project shall be 60 days / 2 months from the date of commencement of work or 15 days from the date of issuance of work order, whichever is earlier.
4	Earnest Money Deposit	Rs. 74,000.00(Rs. Seventy Four Thousand Only) the form of Demand Draft or Banker's Cheque in favour of The AGM(P&E), State Bank of India, LHO Lucknow to be submitted in a sealed envelope latest by 14.10.2026 up to 03:00 pm physically at the office of Assistant General Manager (P&E), State Bank of India, Premises & Estate Department, 1st Floor B-Wing, Local Head Office, Lucknow, 226001. Tender shall be rejected, if EMD not submitted in Hard Copy at the above-mentioned address.
5	Initial Security Deposit (ISD)	1% of the Project Cost, to be submitted by the L1 vendor only.
6	Retention Money	5 % Retention money shall be kept for 3 years warranty period.

7	Additional Security Deposit and performance guarantee	Additional Security deposit (ASD)/Additional performance Guarantee (APG) shall be applicable if the bid price is below 10% of the estimated cost put to tender. The amount of such ASD/ APG shall be the difference between 90% of estimated cost put to tender and the quoted price. ASD in the format of DD / Banker's Cheque / Bank Guarantee shall be submitted within 15 days of intimation of award of work / work order, without which the contractor will not be allowed to start the work and failure of submission of ASD will result in forfeiture of EMD and cancellation of tender.
8	Bid Document Availability including changes / amendments, if any to be issued	RFP may be downloaded from GeM portal, corrigendum, if any shall be issued at GeM portal only.
9	Date of availability of tender documents at GeM portal	30.09.2026 to 14.10.2026
10	Date of Pre-bid meeting and address of Pre-bid meeting	A pre bid meeting will be held on 07.10.2026 at 3.00 pm at the office of AGM(P&E), LHO Lucknow for Bid clarifications. Bidders are advised to visit the site at their own expenses. Prebid queries if any may be send latest by 05.10.2026 up to 3:00 PM on email ID agmpne.lholuc@sbi.co.in
11	Last date & time for submission of EMD (online)	14.10.2026 before 03:00 PM
12	Last date & time for submission of Online Technical bid	Online 14.10.2026 up to 3.00 PM. The tenders are to be submitted through GeM portal. Technical bids will be opened on 15.10.2026 at 03.00 PM whereas date of opening of price bids will be advised later on to successful bidders.
13	Date and Time of opening of Online Technical Bid	15.10.2026 at 03.00 PM
14	Date and time for submission of Online Price Bid	Price Bid to be uploaded online at GeM portal only upto 15.10.2026 at 03.00 PM.
15	Date and Time of opening of Online Price Bid	Shall be advised separately to technically qualified bidders.
16	Defects Liability period	3-year from the date of virtual completion (excluding damages due to natural calamities).
17	Liquidated Damages	0.50% per week subject to max. 5% of contract amount for delay in completion of work.
18	Validity of offer	90 days from the date of opening of Price-bid
19	Value of Interim Certificate	70% of total cost components of EV Chargers and allied material against delivery and start of piping work at site with necessary documents and 25% after commissioning, 2.5% will be against virtual

		completion certificate and remaining 2.5% will be held with us as security deposit for 3 year and could be re-leased after submission of performance Bank Guarantee from a any scheduled /commercial Bank.
20	Warranty period	3 Years
21	Submission of Technical Bid (Hard Copy)	Not Required, only hardcopy of the EMD to be submitted as mentioned in point No 05 above. Complete set of sealed and signed copy of tender along with required documents shall be uploaded on GeM portal.
22	Insurance	The contractor shall obtain all necessary insurance policies as per the law applicable at the centre and shall be required to produce the original policies and receipts of the premium applicable in the matter to the Bank.
23	Eligible Taxes/Deductions :	A) Income Tax will be deducted at source as per Govt. Guidelines. Reimbursement of GST will be made only on submission of proper GST invoice as per applicable GST provisions/Rules. The contractor should comply with the following; Contractor should have GST Registration Number. Invoice should specifically/separately disclose the amount of GST levied at applicable rate as per GST provisions/Rules. In case of Correction in the bills after scrutiny, contractor should submit fresh bills for payment. Contractor should timely file his GST return in accordance with GST provisions to enable the bank to claim the credit of GST paid to the contractor. The GST Number of State Bank of India Lucknow Circle are 09AAACS8577KAZE
24	Mode of Payment :	Electronic mode of payment shall be preferred. The contractor shall have to furnish their bank account details with Branch Name, Branch Code, IFSC and account no. along with the bill.
25	Any additional information :	The quoted rate should be inclusive of materials, labour, wages, fixtures, transportation, installation, all taxes(including GST at applicable rates), wastage's, Octroi, machinery, temporary works such as scaffolding, cleaning, overheads, profit, statutory expenses, incidental charges and all related expenses to complete the work
26	Estimated cost of the work	Rs. 73.85 Lacs + GST

23. No conditions other than mentioned in the tender will be considered.

24. The SBI reserve their rights to accept or reject any or all the tenders, either in whole or in part without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.

25. In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.

26. For any clarifications, please contact at agmpne.lholuc@sbi.co.in

**Assistant General Manager (Premises & Estate),
State Bank of India
LHO, Moti Mahal Marg, Hazratganj
Lucknow- 226001**

Proposed Location of the EV Charger Installations:

S. No.	Location	Proposed Charger	Qty.
1	Administrative Office, Lucknow	30 kW DC single gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
2	Administrative Office, Kanpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
3	Administrative Office, Prayagraj	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
4	Administrative Office, Varanasi	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
5	SBI Administrative Office, Gorakhpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
6	SBILD, Kanpur	30 kW DC single gun - for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
7	SBILD, Lucknow	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
8	SBILD, Varanasi	30 kW DC single gun- for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
9	Officer's Colony, Sector-DS, Lucknow	30 kW DC single gun- for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
9	Officer's Colony, Varanasi	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
10	Officer's Colony, Rapti Nagar, Gorakhpur	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
	Total		19

LETTER OF UNDERTAKING

To,
Assistant General Manager (Premises & Estate),
State Bank of India
LHO, Moti Mahal Marg, Hazratganj
Lucknow- 226001

Dear Sir,

Having examined the drawings, specification, design and schedule of quantities relating to the works specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said memorandum at the rates mentioned in the attached Schedule of Quantities and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to in conditions of tender, the Articles of Agreement, Special Conditions, Schedule of Quantities and Conditions of Contract and with such materials as are provided for by, and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

(a)	Description of work	Supply, Installation, Testing & Commissioning (SITC) of 19 nos. EV Charging Stations of different rating and categories at SBI Buildings located at Kanpur (04 Nos), Lucknow (05 No), Varanasi (05 Nos), Gorakhpur (03 Nos) & Prayagraj (02 Nos) from reputed Original Equipment Manufacturers (OEMs) through their authorized Channel Partners.
(b)	Earnest Money	Rs. 74,000.00(Rs. Seventy Four Thousand Only) in the form of Demand Draft or Banker's Cheque in favour of The AGM(P&E), State Bank of India, LHO Lucknow to be submitted in a sealed envelope latest by 14.10.2026 up to 03:00 pm physically at the office of Assistant General Manager (P&E), State Bank of India, Premises & Estate Department, Local Head Office, Lucknow, 226001. Tender shall be rejected, if EMD not submitted in Hard Copy at the above-mentioned address.
(c)	Time allowed for completion of the Works	The time period allowed for completion of the project shall be 60 days / 2 months from the date of commencement of work or 15 days from the date of issuance of work order, whichever is earlier.

- 1) Should this tender be accepted, I/we hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed hereto so far as may be applicable or in default thereof to forfeit and pay to SBI, the amount mentioned in the said contract.

Further, under any circumstances, whatsoever, if I/We fail to comply the same

including compliance of any such other conditions of tender within the stipulated time. I /We hereby, authorized SBI to cancel my/Our tender, to forfeit my EMD/ISD/ASD and to take further necessary action as deemed fit including debarring our firm from participating in SBI future tenders/de-paneling etc.

- 2) I/ We understand that as per terms of this tender, the SBI may consider accepting our tender in part or whole or may entrust the various work proposed in phases. We, therefore, undertake that we shall not raise any claim/ compensation in the eventuality of Bank deciding to drop any of the work from the scope of work of this tender at any stage during the contract period. Further, we also undertake to execute the work entrusted to us in phases on our approved rates and within stipulated time limit without any extra claim for price escalation.
- 3) I/ We, hereby, also undertake that, we will not raise any claim for any escalation in the prices of any of the material during the currency of contract/execution/completion period including authorized extended contract period, if any.

4) Our Bankers are:

i)

ii)

The names of partners of our firm are:

i)

ii)

Name of the partner of the firm

Authorised to sign

Or

(Name of person having Power of Attorney to sign the Contract.

(Certified true copy of the Power of Attorney should be attached)

Yours faithfully,

Signature of Contractors.

Signature and addresses of Witnesses

i)

ii)

INSTRUCTIONS TO THE TENDERERS

State Bank of India (SBI) Invites tender through GeM Portal for Supply, Installation, Mounting, Testing & Commissioning (SITC) of 19 nos. EV Charging Stations of different rating and categories at SBI Buildings located at Kanpur (04 Nos), Lucknow (05 No), Varanasi (05 Nos), Gorakhpur (03 Nos) & Prayagraj (02 Nos) from Bank empaneled electrical contractors in Lucknow Circle (Category-V upto Rs. 100.00 Lacs) having authorization certificate from reputed OEM (Original Equipment Manufactures) like Xobolt/TATA/JIO/Statiq/Bolt/Zev Point/JBM/Nikol/ Tirex/ Verdemobility make.

1.0 Scope of work : Supply, Installation, Testing, and Commissioning of DC and AC Fast EV Charging Station at following locations:

S. No.	Location	Proposed Charger	Qty.
1	Administrative Office, Lucknow	30 kW DC single gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
2	Administrative Office, Kanpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
3	Administrative Office, Prayagraj	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
4	Administrative Office, Varanasi	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
5	SBI Administrative Office, Gorakhpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
6	SBILD, Kanpur	30 kW DC single gun - for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
7	SBILD, Lucknow	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
8	SBILD, Varanasi	30 kW DC single gun- for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
9	Officer's Colony, Sector-DS, Lucknow	30 kW DC single gun- for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
9	Officer's Colony, Varanasi	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
10	Officer's Colony, Rapti Nagar, Gorakhpur	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
Total			19

2.0 Tender documents

- 2.1 The work has to be carried out strictly according to the conditions stipulated in the tender consisting of the following documents and the most workmen like manner.

Instructions to tenderers

Eligibility Criteria

General conditions of Contract

Special conditions of Contract

Additional specifications

Drawings

Priced Bid

2.2 The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take precedence in the order given below;

- a) Price Bid
- b) Technical specifications
- c) Drawings
- d) Special conditions of contract
- f) General conditions of contract
- g) Instructions to Tenderers
- h) Eligibility Criteria

1.3 The tender documents are not transferable.

3.0 Site Visit

3.1 The tenderer must obtain himself on his own responsibility and his own expenses all information and data that may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work. The tenderer is requested satisfy himself regarding the availability of water, power, transport and communication facilities, the character quality and quantity of the materials, labour, the law and order situation, climatic conditions local authorities' requirement, traffic regulations etc.

The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

4.0 Earnest Money :

4.1 Rs. 74,000.00(Rs. Seventy Four Thousand Only) in the form of Demand Draft or Banker's Cheque in favour of The AGM(P&E), State Bank of India, LHO Lucknow. **(to be submitted)** to be submitted **in a sealed envelope** latest by 14.10.2026 up to 03:00 pm physically at the office of Assistant General Manager (P&E), State Bank of India, Premises & Estate Department, Local Head Office, Lucknow, 226001.

4.2 Tender shall be rejected, if EMD not submitted in Hard Copy at the above-mentioned address.

4.3 EMD in any other form other than as specified above will not be accepted.

4.4 Tender not accompanied by the EMD in accordance with clause 4.1 above shall be rejected.

4.5 No interest will be paid on the EMD.

4.6 EMD of unsuccessful tenderers will be refunded within 30 days of award of Contract.

4.7 EMD of successful tenderer will be retained as a part of security deposit.

5.0 Initial/ Security Deposit :

The successful tenderer will have to submit a sum equivalent to 2% of contract value less EMD by means of D/D drawn in favour of State Bank of India within a period of 15 days of acceptance of tender.

6.0 Security Deposit

6.1 Total security deposit shall be 5% of contract value. Out of this 2% of contract value is in the form of initial security deposit which includes the EMD. Balance 3% shall be deducted from the running account bill of the work at the rate of 10% of the respective running account bill i.e. deduction from each running bill account will be 10% till total 3% of contract value is reached. 50% of the total security shall be paid to the contractors on the basis of architect's certifying the virtual completion. The balance 50% would be paid to the contractors after the defects liability period as specified in the contract.

6.2 Additional Security Deposit :

Additional Security deposit (ASD)/Additional performance Guarantee (APG) shall be applicable if the bid price is below 10% of the estimated cost put to tender. The amount of such ASD/ APG shall be the difference between 90% of estimated cost put to tender and the quoted price. ASD in the format of DD / Banker's Cheque / Bank Guarantee shall be submitted within 15 days of intimation of award of work / work order, without which the contractor will not be allowed to start the work and failure of submission of ASD will result in forfeiture of EMD and cancellation of tender.

6.3 No interest shall be paid to the amount retained by the Bank as Security Deposit.

7.0 Signing of contract Documents:

The successful tenderer shall be bound to implement the contract by signing an agreement and conditions of contract attached herewith within 15 days from the receipt of intimation of acceptance of his tender by the Bank. However, the written acceptance of the tender by the Bank will constitute a binding agreement between the Bank and successful tenderer whether such formal agreement is subsequently entered into or not.

8.0 Completion Period

The time period allowed for completion of the project shall be 60 days / 2 months from the date of commencement of work or 15 days from the date of issuance of work order, whichever is earlier.

9.0 Validity of tender

Tenders shall remain valid and open for acceptance for a period of 90 days from the date of opening price bid. If the tenderer withdraws his/her offer during the value period or makes modifications in his/her original offer which are not acceptable to Bank without prejudice to any other right or remedy the Bank shall

be at liberty forfeit the EMD.

10.0 Liquidated Damages

The liquidated damages shall be 0.50% per week subject to a maximum of 5% of contract value.

11.0 Rate and prices:

11.1 In case of item rate tender

11.1.1 The tenderers shall quote their rates for individual items both in words and figure. In case of discrepancy between the rate quoted in words and figures, the unit rate quantity in words will prevail. If no rate is quoted for one or more items such tender shall be treated as "Incomplete Tender" and shall be summarily rejected.

The amount of each item shall be calculated, and the requisite total is given. In case of discrepancy between the unit rate and the total amount calculated from multiplication of unit rate and the quantity the unit rate quoted will govern and the amount will be corrected.

11.1.2 The tenderers need not quote their rates for which no quantities have been given. In case the tenderers quote their rates for such items those rates will be ignored and will not be considered during execution.

11.1.3 The tenderers should not change the units as specified in the tender. If any unit is changed the tenders would be evaluated as per the original unit and the contractor would be paid accordingly.

The tenderer should not change or modify or delete the description of the item. If any discrepancy is observed, he should immediately bring to the knowledge of the Architect/ SBI

11.1.4 Each page of the BOQ shall be signed by the authorized person and cutting or overwriting shall be duly attested by him.

11.1.5 Each page shall be totaled, and the grand total shall be given.

11.1.6 The rate quoted shall be firm and shall include all costs, allowances, taxes including GST as applicable. No extra payment shall be made in terms of any additional tax or duties.

11.1.7 The SBI reserve their rights to accept any tenders, either in whole or in part or may entrust the work in phases or may drop the part scope of work at any stage of the project within its sole discretion without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.

11.1.8 In case it is decided by the SBI to drop one or more items from the scope of work at any stage of the project, the contractor shall not be entitled to raise any claim / compensation for such deleted scope of work.

ELIGIBILITY CRITERIA

The intending Original Equipment Manufacturers (OEMs) and their authorized Channel Partners should comply the following minimum eligibility criteria for pre-qualification for the proposed project: -

- A. EXPERIENCE:** The applicant should be a well-established and reputed establishment (for a minimum period of 7 years) engaged in the Electrical Installation works of HT/LT and the OEM should be in the manufacturing & SITC of EV Charging Station system of different rating and categories for Banks, Financial Institutions, MNCs, Government Organizations / PSUs/ Airports etc.

1	Three “similar” completed works of Rs 29.54 Lakhs each during last seven (7) years ending as on 30.09.2026
2	Or Two “similar” completed works of Rs 36.93 Lakhs each during the last seven (7) years ending 30.09.2026
3	Or One “similar” completed work of Rs. 59.08 Lakhs during the last seven (7) years ending 30.09.2026

SIMILAR WORK MEAN: The bidder should have experience of HT/LT Electrical Installation works and OEM should All qualitative successful completion of SITC of EV Charging Station for 4 wheelers as well as 2 wheelers (out of which at least 02 EV Charging Station of capacity 60KW DC or more need to be executed successfully) executed by the applicant as composite or an independent project of specified magnitude for Banks, Financial Institutions, MNCs, Government Organizations / PSUs/ Airports etc.

- B. AVERAGE ANNUAL TURNOVERS:** Should not be less than **Rs. 23.00 Lakhs** for the last three financial years as per the audited balance sheet ending 31.03.2026. (supporting documents to be submitted)
- C. PROFIT/LOSS:** Bidder should be a Profit-making firm and should not have incurred loss during the last two consecutive financial years out of last five financial years. (supporting documents to be submitted)

Interested parties meeting the abovementioned pre-qualification criteria should submit their applications in the prescribed format along with supporting documents in respect of following by the stipulated date:

- (i) Experience profile,
- (ii) Proof of meeting the prescribed PQ criteria,
- (iii) Self-attested copies of completion Certificate, work order etc. from the clients,
- (iv) Audited / certified balanced sheet for the last 5 (five) years,
- (v) EPF / ESI / GST Registration Certificate,
- (vi) Registration as Contractor with various Banks, PSUs, State PWDs, CPWD, etc
- (vii) Details of Technical and Administrative employees,
- (viii) List of Plant & Machineries/Equipment and
- (ix) Details/Address of the branch office/site office in Lucknow/Kanpur/Prayagraj/ Varanasi/Gorakhpur or Central or Eastern UP region.
- (x) Authorization Certificate from the OEMs in case of channel partners

1. Application not accompanied by any of the above documents may be disqualified.
2. No Joint Venture or consortium of firms shall be allowed.
3. SBI reserves the right to verify the authenticity of the documents submitted by the applicant.
4. SBI also reserve the right to reject any or all applications or cancel the entire EOI process without assigning reasons therefor and no correspondence shall be entertained in this regard.

EVALUATION CRITERIA:

For the purpose of participating in Price Bid, applications will be evaluated in the following manner:

1. The eligibility criteria prescribed above (in respect of experience of similar class of works completed) shall first be scrutinized and the applicant's eligibility for the work shall be determined.
2. Only the applicants who meet the initial eligibility criteria specified as above will be further evaluated on the basis of details furnished by them.
3. If necessary, the authorized representatives of SBI will visit any projects / sites which are recently maintained / being maintained by the applicants, in order to evaluate the performance and quality of work of the applicants. In such case, the applicant will be required to obtain/give them the necessary permission/facilities and arrangements for site visit as required.
4. On the basis of the Eligibility criteria mentioned above and after the evaluation of the applicants based on the site visit report, credentials submitted by the applicants, confidential reports obtained from various clientele (wherever necessary), applications will be shortlisted.
5. Merely fulfilling the prescribed minimum prequalification criteria does not entitle the applicant for shortlisting, which is subject to the verification of documents/information furnished by the applicants, inspection of work, quality and timely execution of project, seeking confidential performance reports from the client etc.
6. The duly filled-in Tender Document shall be uploaded online at GeM portal up to **15.00 Hrs. on 14.10.2026.**
7. Bank reserves the right to restrict the list of qualified contractors to any number deemed suitably by it. This qualification is neither an assurance nor binding to SBI to award any job/project to the prequalified contractors.
8. SBI reserve the right to accept or reject any or all applications without assigning any reason thereof and no correspondence will be entertained in this regard.

INSTRUCTIONS TO APPLICANTS

GENERAL INSTRUCTIONS:

1. Please read these instructions carefully before filling up the application form.
2. The application must be submitted in the proforma to be downloaded from GeM portal without editing the text whatsoever. Any violation of this condition shall render the application invalid.
3. The Application form have to be uploaded at GeM portal in the prescribed format with Letter of Transmittal along with all the annexures and necessary documents / details as sought supported by prescribed annexures containing other details etc. as mentioned.
4. The applicant should upload all the pages of the application and its annexures / documents properly signed and stamp on all pages, failing which their applications may be summarily disqualified.
5. While filling application form please ensure following: -
 - All information called for in the enclosed forms should be furnished against the relevant columns in the forms.
 - If for any reason, information is furnished on separate sheet, this fact should be mentioned against the relevant column.
 - Even if no information is to be provided in a column, a “Nil” or “no such case” or “Not Available” entry should be made in that column.
 - If any particulars/queries are not applicable in case of the applicant, it should be stated as “Not Applicable”.
 - The applicants may please note that giving incomplete/unclear information called for in application forms, or making any changes in the prescribed forms, or deliberately suppressing any information, may result in the prescribed formats may result in disqualification of the applicant summarily.
 - Incomplete applications received thus will not be entertained. Application received after the time and date mentioned will not be considered.
 - Overwriting and using of correcting fluid should be avoided. Corrections, if any, should be made by neatly crossing out and shall be rewritten with initials and date. Pages of the document have to be numbered. Additional sheets, if any added by the contractor, should also be numbered by him. They should be uploaded as a package with signed letter of transmittal on GeM portal.
 - The applicant may furnish any additional information, which he/they thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is, however, advised not to furnish superfluous information. No information shall be entertained after submission of tender document unless it is called for by the Employer.
 - References, information and certificates from the respective clients certifying suitability, technical know-how or capability of the applicant should be signed by an officer not below the rank of Superintending Engineer/Chief Project Manager or equivalent.

- Documents submitted in connection with the tender document will be treated as confidential and will not be returned.

1. **LETTER OF TRANSMITTAL**

The applicant should upload the letter of transmittal on the letter head of the applicant attached/appended with Application form along with annexures of tender document as mentioned / necessitated.

2. **ORGANISATIONAL INFORMATION - BIODATA**

Applicant is required to submit the information in respect of his organization (in Application form) and Biodata of the Directors / Partners / Key associates.

3. **FINANCIAL INFORMATION**

Applicant should furnish the following financial information as per the format as mentioned in Form 'B'.

4. Banker's Details, Chartered Accountant, Annual financial statement for the last five years (**in Form 'B'**) should be supported by audited balance sheets and profit and loss accounts duly certified by a Chartered Accountant, as submitted by the applicant to the Income Tax Department.

5. Name and address of the banker's identification of individuals familiar with the applicant's financial standing and a banker's statement on availability of credit.

6. **EXPERIENCE IN SIMILAR WORKS HIGHLIGHTING MAJOR PROJECTS**

Applicant should furnish the following:

- List of all Similar works successfully completed during the last Seven years (**in Form "C"**). This list is to be substantiated with the documentary evidence such as copies of work orders, certified final bill copy, satisfactory completion certificate obtained from client etc. without which, the projects mentioned in the format may not be considered for scrutiny. List of works completed before seven years may be mentioned in separate sheet if the applicant intends to do so. **Form C-1** may be submitted project wise as supplementary information for the major projects only executed during the last seven years ending 30.09.2026. Particulars of 'Similar' Major completed works (mentioned in **Form "C"**) indicating the performance of the applicant duly authenticated/certified by an officer not below the rank of Superintending Engineer/Chief Project Manager or equivalent should be furnished separately for each major work completed.
- List of the 'similar' projects under execution or awarded (**in Form "D"**).

7. **ORGANISATIONAL INFORMATION - OTHERS**

Number of Technical and Administrative Employees in the organization and how they would be involved in this work (**in Form "F"**)

8. **TENDER SUBMISSION**

Tender should be submitted only through GeM portal only

The employer reserves the right to:-

- a. Amend the scope and value of contract to the applicant.
- b. Reject any or all of the applications without assigning any reason.

9. The SBI reserves the right to verify the particulars furnished by the applicant independently. If any information furnished by the applicant is found incorrect at a later date, he/they shall be liable to be debarred from tendering/taking up of work in SBI and the tender/work will be cancelled, whenever it is so noticed. The department will not pay any damages to the Company or firm or the concerned person. The Company or Firm or the person will be also debarred for further participation in any tender in the SBI. Further, any breach of this condition by the applicant would also render him liable to be removed from the approved list of contractors of SBI
10. Even though an applicant may satisfy the above requirements, he would be liable to disqualification if he has
 - (i) Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the tender document.
 - (ii) Record of poor performance such as, abandoning work, not properly completing the contract, or financial failures/ weaknesses.
11. The applicants who have down-loaded the tender document from the GeM portal, should read the following important instructions carefully before submitting the tender documents: -
 - a) The applicants should see carefully & ensure that the complete document contains all the pages.
 - b) The printout of document should be taken on 'A-4' size paper only & the printer settings, such that document is printed as appearing in the web & there is no change in formatting, number of pages etc.
 - c) The applicant should ensure that no page in the down-loaded document is missing else their tender shall be treated as incomplete and will be summarily disqualified.
 - d) The applicant should ensure that all pages in the down-loaded document are legible & clear & are printed on a good quality paper.
 - e) The applicant should ensure that every page of the down-loaded document is signed by applicant with stamp (seal) of the applicant company and all the blanks are filled by the Applicant, suitably.
 - f) The applicant should ensure that the down-loaded document is properly filled and also **signed and stamped before uploading** the same at GeM Portal.

Any correction / addition / alteration / omission made in the original document by the applicant will render their application as non – responsive and same shall be summarily rejected. Additional sheet may be used for furnishing the details if required and should be signed and stamped before uploading.

- g) The applicant shall furnish a declaration as per Form A to this effect that no addition / deletion / corrections have been made in the document submitted and it is identical to the document appearing on GeM Portal.
 - h) The applicant who has downloaded the document from GeM Portal should read carefully & sign the declaration given on the Form A before uploading the document at GeM portal
 - i) In case of any doubt in the down-loaded document, the same should be got clarified from this office before submitting the document.
12. The applicant shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him or who are near relative to any executive employee/ Gazette officer in the SBI.
13. Prospective bidders may contact at agmpne.lholuc@sbi.co.in between 10.00AM to 05:00PM for any clarification.

APPLICATION FORM

1	Name of the contractor Firm/ company:	
2	Type of Organisation (whether Sole Proprietorship, Partnership, public / private Limited or Co-op. body etc.)	
3	Year of establishment of the Firm/company	
4	Whether registered with the registrar of companies / registrar of firms (if so, mention number & date of registration, and submit supporting documents)	
5	Year since the firm/ company is in the line of business/ activity of SITC of EV Charging Sta- tion	
6	Official/ registered address of the firm/ company	
7	Correspondence address of the firm/company	
8	Email-ID of the firm/company	
9	Landline number (with STD code) of the office/ firm	
10	Mobile number of the office/ firm/ company	
11	Name, mobile number & email ID of contact person	
12	Name/s of partners / proprietor/ directors/ key person of the firm (Details of address, contact number, qualification etc to be submitted) BIO-DATA OF DIRECTORS	
13	Address of offices available in Rajasthan.	
14	Whether Firm is having ISO Certification? Mention details	
15	Whether member of any professional body/association.	
16	GST Registration number (Photocopy to be attached)	
17	PAN No.	
18	Registration for EPF/ RPFC	
19	Registration for ESIC	
20	Registration under the Contract Labour Act	
21	Registration number under Labour Welfare	

	Act	
22	Professional Tax registration no.	
23	Educational qualification of the proprietor/ partner/ director/key person	
24	Financial Information as per form given at Form B (Enclose copies of audited balance sheet and profit & loss statements and CA Certificate)	As per Form 'B'
25	Average annual turnover of the Company as per Audited Balance Sheets as on 31st March 2026, 2025, 2024. (details of turnover during previous F.Y. to be submitted as per form B)	2023-24: 2024-25: 2025-26: ----- Average:
26	Total number of similar projects completed.	
27	Details of Similar works of SITC of EV Charging Station completed during the last 7 years, as per format given in annexure (Copies of work orders & completion certificates must be enclosed)	As per Form 'C' & 'C1'
28	Value of Single Largest Project for SITC of EV Charging Station or Similar Work completed in the last 7 years	
29	Details for EV Charging Station work completed if executed separately	
30	Details of Similar work under execution	As per Form 'D'
31	Details of Technical and Administrative staff employed in the organisation	As per Form 'F'
32	Number of years of experience for SITC of EV Charging Stations	
33	Name and address of Bankers	
34	Mention if blacklisted and / or blacklisting proceedings pending with any client. Details of the same, with reasons, to be furnished.	
35	Details of disputes /litigations, if any, during the period of last 07 years	As per Form 'E'
36	Whether any penalty imposed by law enforcing agencies such as labour department, sale tax, GST, etc.	
37	Details of penalty / liquidated damage imposed by any client for defective /delayed/non-completion of work or violation of terms of the contract, during the last 7 years, ended on. 30.09.2026 If yes, please provide details thereof, with reasons.	

38	Whether firm had been barred from participating in the bidding process or kept in cooling period/under suspension by any client, during the last 7 years, ended on 30.09.2026. If yes, please provide details thereof, with reasons.	
39	Please indicate details of any bankruptcy/winding up of proceedings at any point of time in past	

BIO-DATA OF THE DIRECTORS/PARTNERS/ KEY ASSOCIATES

1. Name :

2. Date of Birth :

3. Associates with the organization since :

4. Professional Qualification :

5. Professional Experience :

6. Professional Affiliation :

7. Membership in :

8. Details of Published papers : in Magazine / Journals (if any)

9. Details of cost-effective methods/ :
in the projects

10. Exposure to new materials/ :

Signature of Applicant

DECLARATION

**(TO BE SUBMITTED BY THE APPLICANT ON THEIR FIRM/COMPANY'S LETTER
HEAD ALONGWITH THEIR APPLICATION)**

**To,
Assistant General Manager (Premises & Estate),
State Bank of India
LHO, Moti Mahal Marg, Hazratganj
Lucknow- 226001**

I/We hereby certify that:

1. I / We have submitted tender document strictly on the format prescribed by the SBI and are available on the GeM portal & there is no change in formatting, number of pages etc.
2. I / We have checked that no page is missing and all pages as per the index and checklist are available & that all pages of document submitted by us are clear & legible.
3. I / We have signed (with stamp) all the pages of the tender document before uploading the same.
4. I / We have checked the documents properly before uploading the same.
5. I /We have read carefully & understood the instructions to the applicants.
6. I / We hereby understood and accordingly confirm that all Tender documents and supporting (EOI)/annexures etc. are required to be uploaded at GeM portal by us strictly in the prescribed format only. In case, the Bid/documents uploaded by us along with this tender is found in any other formats and not complying this condition, we hereby authorize the SBI to summarily reject our tender for which we shall not make any protest.
7. I / We have not made any modification / corrections / additions /deletions etc in the EXPRESSION OF INTEREST (EOI) documents downloaded from GeM portal by me / us. In case at any stage later, it is found there is difference in our downloaded EXPRESSION OF INTEREST (EOI) documents from the original and / or any documentation, SBI shall have the absolute right to disqualify / reject our Tender and also debar me / us in participating in any future tenders of SBI without any prior intimation to me / us.
8. I/We hereby undertake and confirm that all the information furnished in this tender is correct and true to the best of our knowledge and belief and we own full responsibility for its correctness and authenticity.

Signature of Applicant with Stamp

FINANCIAL INFORMATION**I. Banker Details**

Name of the Bank :
 Branch with Address :
 City :
 Contact person in the Bank :
 Contact Details :

II. Details of Chartered Accountant

Name :
 Address :
 Registration details of accountant :
 Contact Number :
 E-mail address :

III. Financial Analysis – Details to be furnished duly supported by figures in Balance Sheet/Profit and Loss Account for the last Five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income-Tax Department (Copies to be attached).

YEARS	2025-26	2024-25	2023-24	2022-23	2021-22
Gross Annual turn-over in Comprehensive Annual Operation and Maintenance Contract wind mills					
(ii) Profit/Loss					
(iii) Financial position:					
(a) Cash					
(b) Current Assets					
(c) Current Liabilities					
(d) Working capital (b-c)					
(e) Current Ratio: (Current Assets/Current Liabilities (b/c))					
(f) Acid Test Ratio: (Quick Assets/Current Liabilities (a/c))					

IV. Income Tax Clearance Certificate**V. Financial arrangements for carrying out the proposed work.**

Signature of Chartered Accountant
 with seal

Signature of Applicant(s)
 with Seal

DETAILS OF ALL 'SIMILAR' WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING BY 31st July 2026.

1	2	3	4	5	6	7	8	9	10	11
S. No.	Name of work/ project & location	Owner or sponsoring organizations	Date of Agreement with the owner	Scope of work executed	Cost of project work in Crores	Date of commencement as per contract & actual date of commencement	Stipulated Date of completion & Actual date of completion	Litigation/ Arbitration pending/ In progress with details (if any)	Name and address with contact No. of Officer of client to whom reference shall be made	Remarks

Signature of Applicant

Note:

Actual date of completion of the project should be within 7 years ending 30.09.2026 for taking into eligibility consideration. The projects mentioned in the above format shall be sorted in the order of cost of the project (Descending order)

- * Only relevant certificates to be uploaded

**PERFORMANCE REPORT FOR 'SIMILAR' MAJOR COMPLETED WORKS
(REFERRED TO IN FORM 'C')**

1. Name of the work/
Project & Location.
2. Scope of work.
3. Agreement No & Date.
4. Estimated Cost / Tendered Cost
5. Actual Value of work done
6. Date of commencement
 - a. Stipulated date of commencement.
 - b. Actual date of commencement.
7. Date of completion
 - a. Stipulated date of completion.
 - b. Actual date of completion.
8. Amount of compensation levied for delayed completion if any.
9. Performance report based on

Quality of Work,	: Very Good / Good / Fair / Poor
Time Management,	: Very Good / Good / Fair / Poor
Resourcefulness	: Very Good / Good / Fair / Poor
Financial Soundness	: Very Good / Good / Fair / Poor
Technical Proficiency	: Very Good / Good / Fair / Poor

NOTE: The performance report is to be submitted separately for all major works mentioned in Form C

The performance report preferably be submitted in the above Performa. In case, different Performa is used, the applicant shall ensure that the report / certificate shall contain all the above information / details. Very Good and Outstanding shall be considered same.

Superintending Engineer /

Chief Project Manager or Equivalent

(Name of Organization), Date

FORM 'D'**'SIMILAR' PROJECTS ON HAND - UNDER EXECUTION OR AWARDED**

1	2	3	4	5	7	8	9	10	11	12	13
Sr no .	Name of work/ project & location	Client / Owner or sponsoring organizations	Type of Client / Owner (Mention Govt/ / Semi Govt / PSU / Autonomous / Private)	Date of Agreement with the owner	Cost of project work in Crores	Date of commencement as per contract & actual date of commencement	Stipulated Date of completion	Up to date percentage of progress of work completed	Delay in progress (if any) and reasons thereof	Name & address with contact No. of Officer of client to whom reference shall be made	Remarks (Indicate whether any show cause notice issued or Arbitration initiated during the progress work)

Signature of Applicant

Note:

The projects mentioned in the above format shall be sorted in the order of cost of the project (Descending order)

**DETAILS OF LITIGATION / ARBITRATION CASES ARISING FROM THE CONTRACTS
EXECUTED IN THE LAST SEVEN YEARS OR CURRENTLY UNDER EXECUTION**

Year	Award for or against Applicant	Name of Client	Cause of Litigation and Matter of Dispute	Disputed Amount	Actual Awarded Amount

(Add separate sheet if required)

Notes:

1. Information has to be filled up specifically in this format.
2. Indicate other points, if any, to show your technical competence to indicate any important point in your favour.

Name of Authorized Signatory

Sign & seal of the applicant

FORM 'F'**DETAILS OF KEY TECHNICAL AND ADMINISTRATIVE PERSONNEL EMPLOYED IN THE ORGANIZATION**

Sr. No.	Designation	Total Number	Names	Educational Qualification	Professional Experience	Length of continuous service with employer in years
1	2	3	4	5	6	7

Signature of Applicant

Note:

1. Details of Technical personnel shall be provided qualification-wise
2. Organization chart of the company, additional information about Technical and administrative personnel, if any, may be submitted on separate sheet

**DETAILS OF PLANT & MACHINERY, MANUFACTURING UNITS, TOOLS AND EQUIPMENTS
LIKELY TO BE USED IN CARRYING OUT THE WORK.**

Sr. No	Name of the Tools / Machinery / Equip- ment	Unit	Make / Model / Capacity or Type	Age in years	Condi- tion of the unit	Ownership Status (mention the quantity)			Current loca- tion	Remarks
						Pres- ently owned	To be pur- chased	Leased		
1	2	3	4	5	6	7	8	9	10	11

Signature of Applicant

Note:

Details shall be submitted separately if required.

CHECK LIST: Details of Enclosures.

Sl. No	Information	Confirmation of Submission	Page no.
1	Expression of Interest (EOI) Document including Letter of Transmittal, Application Form and Forms A to F.	Yes/No	
2	Proof of constitution:	Yes/No	
	(a) In case of sole proprietorship/HUF: an affidavit executed before a 1 st Class Magistrate that the applicant is the sole proprietor of the firm/Karta of HUF		
	(b) In case of partnership firm: (Submit attested copies)		
	In case of private/Public Ltd. Co. Article of Association duly attested by Notary Public		
	Power of attorney, if any, attested by Notary Public		
3	Certificate of Registration as contractor	Yes/No	
4	Certificate of Registration with taxation authorities	Yes/No	
5	Certificate of Tax Clearance (ITCC, GST & Other Tax etc.)	Yes/No	
6	Details of requisite licenses if any	Yes/No	
7	Registration with EPF	Yes/No	
8	Proof of eligibility of essential criteria	Yes/No	
9	Declaration form A	Yes/No	
10	Financial Information	Yes/No	
	A) Balance sheets of last 5 years (Form B)	Yes/No	
	B) Calculation sheets of net worth (Form B)	Yes/No	
11	Details of completed work as given in Form C & C1	Yes/No	
12	Attested copies of Award Letters/Work Orders/LOI for completed work	Yes/No	
13	Original or attested copies of certificate for works done, from concerned clients	Yes/No	
14	Details of work on hand as given in Form D	Yes/No	
15	Details of litigation / arbitration cases arising from the contract's "E" if any	Yes/No	
16	Attested copies of award letters/work orders/LOI for ongoing projects / Works on Hand	Yes/No	
17	Details of key personnel as given in Form F	Yes/No	
18	Details of plant and machinery etc. as given in Form G	Yes/No	

Signature of Applicant

GENERAL CONDITIONS OF CONTRACT

1.0 Definitions: -

“Contract means the documents forming the tender and the acceptance thereof and the formal agreement executed between SBI (client) and the contractor, together with the documents referred there in including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Architects/ Bank and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

1.1 In the contract the following expressions shall, unless the context otherwise requires, have the meaning hereby respectively assigned to them.

1.1.1 ‘SBI’ shall mean State Bank of India (client) a body Corporate created under State Bank of India Act 1955, having its Corporate Centre at State Bank Bhavan, Madame Cama Road, Mumbai 400 021 and a LHO at Lucknow and includes the client’s representatives, successors and assigns.

1.1.2 ‘Site Engineer’ shall mean an Engineer appointed by the SBI at site as their representative for day-to-day supervision of work and to give instructions to the contractors.

1.1.3 ‘The Contractor’ shall mean the individual or firm or company whether incorporate not, undertaking the works and shall include legal personal representative of individual or the composing the firm or company and the permitted assignees of individual or firms of company.

The expression ‘works’ or ‘work’ shall mean the permanent or temporary work description in the “Scope of work” and / or to be executed in accordance with the contract includes materials, apparatus, equipment, temporary supports, fittings and things of kinds to be provided, the obligations of the contractor hereunder and work to be done by the contractor under the contract.

1.1.4 ‘Engineer’ shall mean the representative of the Architect/consultant.

1.1.5 ‘Drawings’ shall mean the drawings prepared by the Architects and issued by the Engineer and referred to in the specifications and any modifications of such drawings as may be issued by the Engineer from time to time ‘Contract value shall mean value of the entire work as stipulated in the letter of acceptance of tender subject such additions there to or deductions there from as may be made under the provide herein after contained.

1.1.6 ‘Specifications’ shall mean the specifications referred to in the tender and modifications thereof as may time to time be furnished or approved by the Architect/ Consultant.

1.1.7 “Month” means Gregorian calendar month.

1.1.8 “Week” means seven consecutive days.

1.1.9 “Day” means a calendar day beginning and ending at 00Hrs. and 24Hrs. respectively.

CLAUSE

1.0 Total Security Deposit

Signature and seal of the bidder

Total Security deposit comprise of:
Earnest Money Deposit
Initial security deposit
Retention Money

a) **Earnest Money Deposit (EMD):**

The tenderers are requested to submit the Earnest Money of Rs. 74,000.00(Rs. Seventy Four Thousand Only) in the form of Demand Draft or Banker's Cheque in favour of The AGM(P&E), State Bank of India, LHO Lucknow. (to be submitted) to be submitted in a sealed envelope latest by 14.10.2026 up to 03:00 pm physically at the office of Assistant General Manager (P&E), State Bank of India, Premises & Estate Department, Local Head Office, Lucknow, 226001.

b) **Initial Security Deposit (ISD):**

The successful tenderer will have to submit a sum equivalent to 2% of contract value less EMD by means of D/D drawn in favour of State Bank of India within a period of 15 days of acceptance of tender.

c) **ADDITIONAL SECURITY DEPOSIT / PERFORMANCE GUARANTEE**

Additional Security deposit (ASD)/Additional performance Guarantee (APG) shall be applicable if the bid price is below 10% of the estimated cost put to tender. The amount of such ASD/ APG shall be the difference between 90% of estimated cost put to tender and the quoted price. ASD in the format of DD / Banker's Cheque / Bank Guarantee shall be submitted within 15 days of intimation of award of work / work order, without which the contractor will not be allowed to start the work and failure of submission of ASD will result in forfeiture of EMD and cancellation of tender.

d) **Retention Money:**

Besides the SD as deposited by the contractor in the above said manner, the Retention money shall be deducted from the running account bill at the rate of 10% of the gross value of work done by the contractor and claimed in each bill provided the total security deposit i.e. ISD plus EMD plus Retention Money shall both together not exceed 3% of the contract value. The 50% of the total security deposit shall be refunded to the contractor without any interest on issue of Virtual Completion certificate by the Architect/consultant. The balance 50% of the total security deposit shall be refunded to the contractors without interest within fifteen days after the end of defects liability period/warranty period (3 years) provided the contractor has satisfactorily attended to all defects, if any, in accordance with the conditions of contract including site clearance.

2.0 **Language**

The language in which the contract documents shall be drawn shall be in English.

3.0 **Errors, omissions and discrepancies**

In case of errors, omissions and/ or disagreement between written and scaled dimensions on the drawings or between the drawings and specifications etc., the following order shall apply.

- i) Between scaled and written dimension (or description) on a drawing, the latter shall be adopted.

Signature and seal of the bidder

- ii) Between the written or shown description or dimensions in the drawings and the corresponding one in the specification the former shall be taken as correct.
- iii) Between written description of the item in the specifications and descriptions in bills of quantities of the same item, the former shall be adopted:
- iv) In case of difference between rates written in figures and words, the rate in words shall prevail.
- v) Between the duplicate / subsequent copies of the tender, the original tender shall be taken as correct.

4.0 Scope of Work:

The contractor shall carry out, complete and maintain the said work in every respect strictly in accordance with this contract and with the directions of and to the satisfaction of the Bank to be communicated through the Banks Engineer/architect/consultant. The architect/consultant at the directions of the Bank from time to time issue further drawings and/or written instructions, details directions and explanations which are hereafter collectively referred to as Architect's/Consultant's instructions in regard to : the variation or modification of the design, quality or quantity of work or the addition or omission or substitution of any work, any discrepancy in the drawings or between the BOQ and/or drawings and/or specifications, the removal from the site of any material brought thereon by the contractor and the substitution of any other materials thereof, the demolition, removal and/or re-execution of any work executed by him, the dismissal from the work of any person employed/engaged thereupon.

5.0 i) Letter of Acceptance:

Within the validity period of the tender the SBI shall issue a letter of acceptance directly or through the Architect by registered post or otherwise depositing at the of the contractor as given in the tender to enter into a Contract for the execution of the work as per the terms of the tender. The letter of acceptance shall constitute a binding contract between the SBI and the contractor.

ii) Contract Agreement:

On receipt of intimation of the acceptance of tender from the SBI/ Architect, the successful tenderer shall be bound to implement the contract and within fifteen days there of shall sign an agreement in a non-judicial stamp paper of appropriate value.

6.0 Ownership of drawings:

All drawings, specifications and copies thereof furnished by the SBI through its Architect / consultants are the properties of the SBI They are not to be used on other work.

7.0 Detailed drawings and instructions:

The SBI through its Architects / consultants shall furnish with reasonable proper additional instructions by means of drawings or otherwise necessary for the execution of the work. All such drawings and instructions shall be consistent with contract documents, true developments thereof and reasonably inferable there.

The work shall be executed in conformity therewith and the contractor prepare a detailed programme schedule indicating therein the date of start and completion of various activities on receipt of the work order and submit the same to the SBI directly/through the Architect/consultant

7.0 Copies of agreement

Two copies of agreement duly signed by both the parties with the drawings shall be handed over to

the contractors.

8.0 Liquidated damages:

If the contractor fails to maintain the required progress in terms of clause 6. 0 of GOC or to complete the work and clear the site including vacating their office on or before the contracted or extended date or completion, without justification in support of the cause of delay, he may be called upon without prejudice to any other right of remedy available under the law to the SBI on account of such breach to pay a liquidated damage at the rate of 0.50% of the contract value which subject to a maximum of 5% of the contract value.

9.0 Materials, Appliances and Employees

Unless or otherwise specified the contractor shall provide and pay for all materials, labour, water, power, tools, equipment transportation and any other facilities that are required for the satisfactory execution and completion of the work. Unless or otherwise specified all materials shall be new and both workmanship and materials shall be best quality. The contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the work any unfit person or anyone not skilled in the work assigned to him. Workman whose work or behavior is found to be unsatisfactory by the SBI /ARCHITECT/ consultant he shall be removed from the site immediately.

10.0 Permits, Laws and Regulations:

Permits and licenses required for the execution of the work, shall be obtained by the contractor at his own expenses. The contractor shall give notices and comply with the regulations, laws, and ordinances rules, applicable to the contract. If the contractor observes any discrepancy between the drawings and specifications, he shall promptly notify the SBI in writing under intimation of the Architect/ Consultant. If the contractor performs any act, which is against the law, rules and regulations he shall meet all the costs arising there from and shall indemnify the SBI for any legal actions arising there from.

11.0 Setting out Work:

The contractor shall set out the work and shall be responsible for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions, and alignment of all parts thereof and get it approved by the Architect / consultant before proceeding with the work. If at any time any error in this respect shall appear during the progress of the works, irrespective of the fact that the layout had been approved by, the Architect / consultant the contractor shall be responsible for the same and shall his own expenses rectify such error, if so, required to satisfaction of the SBI.

12.0 Protection of works and property:

The contractor shall continuously maintain adequate protection. of all his work from damage and shall protect the SBI's properties from injury or loss arising in connection with contract. He shall make good any such damage, injury, loss, except due to causes beyond his control and due to his fault or negligence.

He shall take adequate care and steps for protection of the adjacent properties. The contractor shall take all precautions for safety and protections of his employees on the works and shall comply with all applicable provisions of Govt. and local bodies' safety laws and building codes to prevent accidents, or injuries to persons or property on about or adjacent to his place of work. The contractor shall take insurance covers as per clause 24.0 at his own cost. The policy may be taken in joint names of the contractor and the SBI and the original policy may be lodged with the SBI

13.0 Inspection of work:

The SBI / Architect / Consultant or their representatives shall at all reasonable times have free access to the work site and / or to the workshop, factories, or other places where materials are lying

or from where they are obtained and the contractor shall give every facility to the SBI/Architect/consultant and their representatives necessary for inspection and examination and test of the materials and workmanship. No person unless authorized by the SBI/ Architect /Consultant except the representative of Public authorities shall be allowed on the work at any time. The proposed work either during its construction stage or its completion can also be inspected by the Chief Technical Examiner's Organization a wing of Central Vigilance commission.

14.0 Assignment and subletting

The whole of work included in the contract shall be executed the contractor and he shall not directly entrust and engage or indirectly transfer, assign or underlet the contract or any part or share there of or interest therein without the written consent of the SBI through the Architect and no undertaking shall relieve the contractor from the responsibility of the contractor from active & superintendence of the work during its progress.

15.0 Quality of materials, workmanship & Test

All materials and workmanship shall be best of the respective kinds described in the contract and in accordance with Architect/consultant instructions and shall be subject from time to time to such tests as the Architect/consultant may direct at the place of manufacture or fabrication or on the site or an approved testing laboratory. The contractor shall provide such assistance, instruments, machinery, labor, and materials as are normally required for examining measuring sampling and testing any material or part of work before incorporation in the work for testing as may be selected and required by the Architect/consultant.

ii) Samples

All samples of adequate numbers, size, shades & pattern as per specifications shall be supplied by the contractor without any extra charges. If certain items proposed to be used are of such nature that samples cannot be presented or prepared at the site detailed literature / test certificate of the same shall be provided to the satisfaction of the Bank/Architect/consultant. Before submitting the sample / literature the contractor shall satisfy himself that the material / equipment for which he is submitting the sample / literature meet with the requirement of tender specification. Only when the samples are approved in writing by the Bank/Architect / consultant the contractor shall proceed with the procurement and installation of the particular material / equipment. The approved samples shall be the signed by the Bank/Architect / Consultant for identification and shall be kept on record at site office until the completion of the work for inspection / comparison at any time. The Bank/Architect/Consultant shall take reasonable time to approve the sample. Any delay that might occur in approving the samples for reasons of its not meeting the specifications or other discrepancies inadequacy in furnishing samples of best qualities from various manufacturers and such other aspects causing delay on the approval of the materials / equipment etc. shall be to the account of the contractor.

iii) Cost of tests

The cost of making any test shall be borne by the contractor if such test is intended by or provided for in the specification or BOQ.

iv) Costs of tests not provided for

If any test is ordered by the Bank/Architect/ Consultant which is either

If so intended by or provided for or (in the cases above mentioned) is not so particularized, or though so intended or provided for but ordered by the Architect / Consultant to be carried out by an independent person at any place other than the site or the place of manufacture or fabrication of the materials tested or any Government / approved laboratory, then the cost of such test shall be borne by the contractor.

16.0 Obtaining information related to execution of work

No claim by the contractor for additional payment shall be entertained which is consequent upon failure on his part to obtain correct information as to any matter affecting the execution of the work nor any misunderstanding or the obtaining incorrect information or the failure to obtain correct information relieve him from any risks or from the entire responsibility for the fulfillment of contract.

17.0 Contractor's superintendence

The contractor shall give necessary personal superintendence during the execution the works and as long, thereafter, as the Bank/Architect / Consultant may consider necessary until the expiry of the defects liability period, stated here to.

18.0 Quantities

The bill of quantities (BOQ) unless or otherwise stated shall be deemed to have been prepared in accordance with the Indian Standard Method of Measurements and quantities. The rate quoted shall remain valid for variation of quantity against individual item to any extent. The entire amount paid under Clause 19, 20 hereof as well as amounts of prime cost and provision sums, if any, shall be excluded.

19.0 Works to be measured

The Bank/Architect/Consultant may from time to time intimate to the contractor that he requires the work to be measured and the contractor shall forthwith attend or send a representative to assist the Bank/Architect in taking such measurements and calculation and to furnish all particulars or to give all assistance required by any of them. Such measurements shall be taken in accordance with the Mode of measurements detail in the specifications. The representative of the Bank/Architect / Consultant shall take measurements with the contractor's representative and the measurements shall be entered in the measurement book. The contractor or his authorized representative shall sign all the pages of the measurement book in which the measurements have been recorded in token of his acceptance. All the corrections shall be duly attested by both representatives. No over writings shall be made in the Measurement Book (M.B.) Should the contractor not attend or neglect or omit to depute his representative to take measurements, the measurements recorded by the representative of the Bank/Architect / consultant shall be final. All authorized extra work, omissions and all variations made shall be included such measurement.

20.0 Variations

No alteration, omission or variation ordered in writing by the Bank/Architect / consultant vitiates the contract. In case the SBI / Architect / Consultant thinks proper at any during the progress of works to make any alteration in, or additions to or omission from the works or any. alteration in the kind or quality of the materials to be used therein, the Bank/Architect / Consultant shall give notice thereof in writing to the contractor shall confirm in writing within seven days of giving such oral instructions the contract shall alter to, add to, or omit from as the case may be in accordance with such but the contractor shall not do any work extra to or make any alterations or additions to or omissions from the works or any deviation from any of the provisions of the contract, stipulations, specifications or contract drawings without previous consent in writing of the Bank/Architect/ Consultant and the value of such extras, alterations, additions or omissions shall in all cases be determined by the Architect / Consultant and the same shall be added to or deducted from the contract value, as the case may be.

21.0 Valuation of Variations

No claim for an extra shall be allowed unless it shall have been executed under the authority of the Bank/Architect / Consultant with the concurrence of the SBI as herein mentioned. Any such extra is

herein referred to as authorized extra and shall be made in accordance with the following provisions.

- a) (i) The net rates or prices in the contract shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced herein.

(ii) Rates for all items, wherever possible should be derived out of the rates given in the priced BOQ.
- b) The net prices of the original tender shall determine the value of the items omitted, provided if omissions do not vary the conditions under which any remaining items of Works are carried out, otherwise the prices for the same shall be valued under sub-Clause 'c' hereunder.
- c) Where the extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items or works are carried out, then the contractor shall within 7 days of the receipt of the letter of acceptance inform the Architect/ consultant of the rate which he intends to charge for such items of work, duly supported by analysis of the rate or rates claimed and the Architect/ consultant shall fix such rate or prices as in the circumstances in his opinion are reasonable and proper, based on the market rate.
- d) Where extra work cannot be properly measured or valued the contractor shall be allowed day work prices at the net rates stated in the tender, of the BOQ or, if not, so stated then in accordance with the local day work rates and wages for the district; provided that in either case, vouchers specifying the daily time (and if required by the Architect/Consultant) the workman's name and materials employed be delivered for verifications to the Architect /consultant at or before the end of the week following that in which the work has been executed.
- e) It is further clarified that for all such authorized extra items where rates cannot be derived from the tender, the Contractor shall submit rates duly supported by rate analysis worked on the 'market rate basis for material, labour hire / running charges of equipment and wastages etc. plus 15% towards establishment charges, contractor's overheads and profit. Such items shall, not be eligible for escalation.

22.0 Final measurement

The measurement and valuation in respect of the contract shall be completed within two months of the virtual completion of the work.

23.0 Virtual Completion Certificate (VCC)

On successful completion of entire works covered by the contract to the full satisfaction of the SBI, the contractor shall ensure that the following works have been completed the satisfaction of the SBI:

- a) Clear the site of all scaffolding, wiring, pipes, surplus materials, contractor's labour equipment and machinery.
- b) Demolish, dismantle and remove the contractor's site office, temporary works, structure including labour sheds/camps and constructions and other items and things whatsoever brought upon or erected at the site or any land allotted to the contractor by the SBI not incorporated in the permanent works.
- c) Remove all rubbish, debris etc. from the site and the land allotted to the contractor the SBI and shall

clear, level and dress, compact the site as required by the SBI.

- d) Shall put the SBI in undisputed custody and possession of the site and all land allot by the SBI.
- e) Shall hand over the work in a peaceful manner to the SBI
- f) All defects / imperfections have been attended and rectified as pointed out by the Architects to the full satisfaction of SBI.

Upon the satisfactory fulfillment by the contractor as stated above, the contractor is entitled to apply to the Architect / consultant is satisfied of the completion of work. Relative to which the completion certificate has been sought, the Architect/ consultant shall within fourteen (14) days of the receipt of the application for completion certificate, issue a VCC in respect of the work for which the VCC has applied.

This issuance of a VCC shall not be without prejudice to the SBI's rights and contractor liabilities under the contract including the contractor's liability for defects liability nor shall the issuance of VCC in respect of the works or work at any site be construction as a waiver of any right or claim of the SBI against the contractor in respect of or work at the site and in respect of which the VCC has been issued.

24.0 Work by other agencies

The SBI / Architect / consultant reserves the rights to use premises and any portion the site for execution of any work not included in the scope of this contract which it may desire to have carried out by other persons simultaneously and the contractor shall not only allow but also extend reasonable facilities for the execution of such work. The contractor however shall not be required to provide any plant or material for the execution of such work except by special arrangement with the SBI. Such work shall be carried out in such manner as not to impede the progress of the works included in the contract.

25.0 Insurance of works

- 25.1 Without limiting his obligations and responsibilities under the contract the contractor shall insure in the joint names of the SBI and the contractor against all loss of damages from whatever cause arising other than the excepted risks, for which he is responsible under the terms of contract and in such a manner that the SBI and contractor are covered for the period stipulated vide clause of GCC and are also covered during the period of maintenance for loss or damage arising from a cause, occurring prior to the commencement of the period of maintenance and for any loss or damage occasioned by the contractor in the course of any operations carried out by him for the purpose of complying with his obligations under clause.
 - a) The Works for the time being executed to the estimated current Contract value thereof, or such additional sum as may be specified together with the materials for incorporation in the works at their replacement value.
 - b) The constructional plant and other things brought on to the site by the contractor to the replacement value of such constructional plant and other things.
 - c) Such insurance shall be affected with an insurer and in terms approved by the SBI which approval shall not be unreasonably withheld and the contractor shall whenever require produce to the Architect / consultant the policy if insurance and the receipts for payment of the current premiums.

25.2 Damage to persons and property

The contractor shall, except if and so far as the contract provides otherwise indemnify the SBI against all losses and claims in respect of injuries or damages to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution and maintenance of the works and against all claims proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto except any compensation of damages for or with respect to:

- a) The permanent use or occupation of land by or any part thereof.
- b) The right of SBI to execute the works or any part thereof on, over, under, in or through any lands.
- c) Injuries or damages to persons or properties which are unavoidable result of the execution or maintenance of the works in accordance with the contract
- d) Injuries or damage to persons or property resulting from any act or neglect of the SBI their agents, employees or other contractors not being employed by the contractor or for or in respect of any claims, proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the contractor, his servants or agents such part of the compensation as may be just and equitable having regard to the extent of the responsibility of the SBI, their employees, or agents or other employees, or agents or other contractors for the damage or injury.

25.3 Contractor to indemnify SBI

The contractor shall indemnify the SBI against all claims, proceedings, damages, costs, charges and expenses in respect of the matters referred to in the provision sub-clause 25.2 of this clause.

25.4 Contractor's superintendence

The contractor shall fully indemnify and keep indemnified the SBI against any action, claim, or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claim made under or action brought against SBI in respect of such matters as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expenses to settle any dispute or to conduct any litigation that may arise there from, provided that the contractor shall not be liable to indemnify the SBI if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Architect / consultant in this behalf.

25.5 Third Party Insurance

25.5.1 Before commencing the execution of the work the contractor but without limiting his obligations and responsibilities under clause 24.0 of GCC shall insure against his liability for any material or physical damage, loss, or injury which may occur to any property including that of SBI, or to any person, including any employee of the SBI, by or arising out of the execution of the works or in the carrying out of the contract, otherwise than due to the matters referred to in the provision to clause 24.0 thereof.

25.5.2 Minimum amount of Third-Party Insurance

Such insurance shall be affected with an insurer and in terms approved by the SBI which approval shall not be reasonably withheld and for at least the amount stated below. The contractor shall,

whenever required, produce to the Architect / consultant the policy or policies of insurance cover and receipts for payment of the current premiums.

25.6 The minimum insurance cover for physical property, injury, and death is ₹5 Lakh per occurrence with the number of occurrences limited to four. After each occurrence contractor will pay additional premium necessary to make insurance valid for four occurrences always.

25.7 Accident or Injury to workman:

25.7.1 The SBI shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the contractor or any sub-contractor, save and except an accident or injury resulting from any act or default of the SBI or their agents, or employees. The contractor shall indemnify and keep indemnified SBI against all such damages and compensation, save and except as aforesaid, and against all claims, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

25.7.2 Insurance against accidents etc. to workmen

The contractor shall insure against such liability with an insurer approved by the SBI during the whole of the time that any persons are employed by him on the works and shall, when required, produce to the Architect / consultant such policy of insurance and receipt for payment of the current premium. Provided always that, in respect of any persons employed by any sub-contractor the contractor's obligation to insured as aforesaid under this sub-clause shall be satisfied if the sub-contractor shall have insured against the liability in respect of such persons in such manner that SBI is indemnified under the policy but the contractor shall require such sub-contractor to produce to the Architect /consultant when such policy of insurance and the receipt for the payment of the current premium.

25.7.3 Remedy on contractor's failure to insure

If the contractor fails to effect and keep in force the insurance referred to above or any other insurance which he may be required to effect under the terms of contract, then and in any such case the SBI may effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount so paid by the SBI as aforesaid from any amount due or which may become due to the contractor, or recover the same as debt from the contractor.

25.7.4 Without prejudice to the others rights of the SBI against contractors. In respect of such default, the employer shall be entitled to deduct from any sums payable to the contractor the amount of any damages costs, charges, and other expenses paid by the SBI and which are payable by the contractors under this clause. The contractor shall upon settlement by the Insurer of any claim made against the insurer pursuant to a policy taken under this clause, proceed with due diligence to rebuild or repair the works destroyed or damaged. In this event all the monies received from the Insurer in respect of such damage shall be paid to the contractor and the Contractor shall not be entitled to any further payment in respect of the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged.

26.0 Commencement of Works:

The date of commencement of the work will be reckoned as the date, fifteen days from the date of award of letter by the SBI.

27.0 Time for completion

Time is essence of the contract and shall be strictly observed by the contractor. The entire work shall be completed within a period of 60 days (2 months) from the date of commencement or 15 days from the date of issuance of work order, whichever is earlier. If required in the contract or as directed by the Bank/Architect / consultant. The contractor shall complete certain portions of work before completion of the entire work. However, the completion date shall be reckoned as the date by which the whole work is completed as per the terms of the contract.

28.0 Extension of time

If, in the opinion of the Bank/Architect/consultant, the work be delayed for reasons beyond the control of the contractor, the Architect/consultant may submit a recommendation to the SBI to grant a fair and reasonable extension of time for completion of work as per the terms of contract. If the contractor needs an extension of time for the completion of work or if the completion of work is likely to be delayed for any reasons beyond the due date of completion as stipulated in the contract, the contractor shall apply to the SBI directly/ through the Architect' Consultant in writing at least 30 Days before the expiry of the scheduled time and while applying for extension of time he shall furnish the reason in detail and his justification if any, for the delays. The Architect/consultant shall submit their recommendations to the SBI in the prescribed format for granting extension of time. While granting extension of time the contractor shall be informed the period extended time which will qualify for levy of liquidated damages. For the balance period in excess of original stipulated period and duly sanctioned extension of time by the provision of liquidated damages as stated under clause 10.0 shall become applicable. Further the contract shall remain in force even for the period beyond the due date of completion irrespective whether the extension is granted or not.

29.0 Rate of progress

Whole of the materials, plant and labour to be provided by the contractor and the mode, manner and speed of execution and maintenance of the works are to be of a kind and conducted in a manner to the satisfaction of the Bank/Architect / consultant should the rate of progress of the work or any part thereof be at any time be in the opinion the Bank/ Architect / consultant too Slow to ensure the completion of the whole of the work the prescribed time or extended time for completion the Bank/ Architect / consultant shall thereupon take such steps as considered necessary by the Bank/Architect / consultant to expedite progress so as to complete the works by the prescribed time or extended time. Such communications from the Bank/Architect / consultant neither shall relieve the contractor from fulfilling obligations under the contract nor he will be entitled to raise any claims arising out of such directions.

30.0 Work during nights and holidays

Subject to any provision to the contrary contained in the contract no permanent work shall save as herein provided be carried on during the night or on holidays without the permission in writing of the Bank/Architect / consultant, save when the work is unavoidable or absolutely necessary for the saving of life or property or for the safety of the work in which case the contractor shall immediately advise the Bank/ Architect / consultant. However, the provisions of the clause shall not be applicable in the case of any work which becomes essential to carry by rotary or double shifts in order to achieve the progress and quality of the part of the works being technically required / continued with the prior approval of the Architect / consultant at no extra cost to the SBI

All work at night after obtaining approval from competent authorities shall be carried out without unreasonable noise and disturbance.

31.0 No compensation or restrictions of work

If at any time after acceptance of the tender SBI shall decide to abandon or reduce the scope of work for any reason whatsoever and hence not required the whole or any part of the work to be carried out. The Architect / consultant shall give notice in writing that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise what so ever on account of any profit or advantage which he might have derived from the execution of the Work fully but which he did not derive in consequence of the foreclosure of the whole or part of the work.

Provided that the contractor shall be paid the charges on the cartage only of materials actually and bona-fide brought to the site of the work by the contractor and rendered surplus as a result of the abandonment, curtailment of the work or any portion thereof and then taken back by the contractor, provided however that the Architect / Consultant shall have in such cases the option of taking over all or any such materials at their purchase price or a local current rate whichever is less.

"In case of such stores having been issued from SBI stores and returned by the contractor to stores, credit shall be given to him at the rates not exceeding those at which were originally issued to the contractor after taking into consideration and deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of Architect / consultant shall be final.

32.0 Suspension of work

The contractor shall, on receipt of the order in writing of the Bank/Architect / consultant (whose decision shall be final and binding on the contractor) suspend the progress of works or any part thereof for such time and in such manner as Bank/Architect /consultant may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof for any of following reasons:

- a) On account any default on the part of the contractor, or
- b) For proper execution of the works or part thereof for reasons other than the default the contractor, or
- c) For safety of the works or part thereof.

The contractor shall, during such suspension, properly protect and secure the works the extent necessary and carry out the instructions given in that behalf by the Bank/Architect / consultant.

- d) If the suspension is ordered for reasons (b) and (c) in sub-para (i) above:
The contractor shall be entitled to an extension of time equal to the period of every such suspension.
No compensation whatsoever shall be paid on this account.

33 Action when the whole security deposit is forfeited

In any case in which under any clause or clauses of this contract, the Contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit the Architect / consultant shall have the power to adopt any of the following course as they may deem best suited to the interest of the SBI:

- a) To rescind the contract (of which rescission notice in writing to the contractor by - Architect / consultant shall be conclusive evidence) and in which case the security, deposit of the contractor

shall be forfeited and be absolutely at the disposal of SBI

- b) To employ labour paid by the SBI and to supply materials to carry out the work, or part of the work, debiting the contractor with the cost of the labour and materials cost of such labour and materials as worked out by the Architect/consultant shall final and conclusive against the contractor) and crediting him with the value of the work done, in all respects in the same manner and at the same manner and at the same rates as if it had been carried out by the contractor under the terms of this contract certificate of Architect /consultant as to the value of work done shall be final conclusive against the contractor.
- c) To measure up the work of the contractor, and to take such part thereof as shall unexecuted, out of his hands, and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor, if the whole work had been executed by him (The amount of which excess the certificates in writing of the Architects / consultant shall final and conclusive) shall be borne by original contractor and may be deducted f any money due to him by SBI under the contract or otherwise, or from his security deposit or the proceeds of sale thereof, or sufficient part thereof.

In the event of any of above courses being adopted by the SBI the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any material or entered into any engagements or make any advances on account of, or with a view to the execution of the work or the performance of the contract and in case the contract shall be rescind under the provision aforesaid, the contractor shall not be entitled to recover or to be paid any sum or any work thereto for actually performed under this contract, unless, and until the Architect / consultant will have certified in writing the performance of such work and the value payable in respect thereof, and he shall only be entitled to be paid the value so certified.

34.0 Owner's right to terminate the contract

If the contractor being an individual or a firm commit any 'Act of insolvency' or shall be adjusted an insolvent or being an incorporated company shall have an order for compulsory winding up voluntarily or subject to the supervision of Govt. and of the Official Assignee of the liquidator in such acts of insolvency or winding up shall be unable within seven days after notice to him to do so, to show to the reasonable satisfaction of the Architect / Consultant that he is able to carry out and fulfill the contract, and to dye security therefore if so required by the Architect / Consultant or if the contractor (whether an individual firm or incorporated Company) shall suffer execution to be issued or shall suffer any payment under this contract to be attached by or on behalf of any of the creditors of the contractor.

Or shall assign or sublet this contract without the consent in writing of the SBI through the Architect/Consultant or shall charge or encumber this contract or any payment due to which may become due to the contractor there under:

- a) has abandoned the contract; or
- b) has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for 14 days after receiving from the SBI through the Architect / consultant written notice to proceed, or
- c) has failed to proceed with the works with such diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon, or has failed to remove the materials from the site or to pull down and replace work within seven days after written notice from the SBI through the Architect / Consultant that the said materials were

condemned and rejected by the Architect/consultant under these conditions; or has neglected or failed persistently to observe and perform all or any of the acts matters or things by this contract to be observed and performed by the contractor for seven days after written notice shall have been given to the contractor to observe or perform the same or has to the detriment of good workmanship or in defiance of the SBI or Architect's / consultant's instructions to the contrary subject any part of the contract. Then and in any of said cases the SBI and or the Architect / consultant, may not withstanding any previous waiver, after giving seven days' notice in writing to the contractor, determine the contract, but without thereby affecting the powers of the SBI or the Architect / consultant or the obligation and liabilities of the contractor the whole of which shall continue in force as fully as if the contract had not been determined and as if the works subsequently had been executed by or on behalf of the contractor. And, further the SBI through the Architect / consultant their agents or employees may enter upon and take possession of the work and all plants, took scaffoldings, materials, sheds, machineries lying upon the premises or on the adjoining lands or roads use the same by means of their own employees or workmen in carrying on and completing the work or by engaging any other contractors or persons to the work and the contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other contractor or other persons employed for complement and finishing or using the materials and plant for the works.

When the works shall be completed or as soon thereafter as convenient the SBI or Architect / consultant shall give a notice in writing to the contractor to remove his surplus materials and plants and should the contractor fail to do so within 14 days after receive thereof by him the SBI sell the same by public auction, and after due publication, and shall, adjust the amount realized by such auction. The contractor shall have no right to question any of the act of the SBI incidental to the sale of the materials etc.

35.0 Certificate of payment

The contractor shall be entitled under the certificates to be issued by the Architect / consultant to the contractor within 10 working days from the date of certificate to payment from SBI from time to time. The SBI shall recover the statutory recovering other dues including the retention amount from the certificate of payment.

Provided always that the issue of any certificate by the Architect / consultant during progress of works or completion shall not have effect as certificate of satisfaction relieve the contractor from his liability under clause.

The Architect / consultant shall have power to withhold the certificate if the work or in part thereof is not carried out to their satisfaction.

The Architect / consultant may by any certificate make any corrections required previous certificate.

The SBI shall modify the certificate of payment as issued by the Architect / consultant from time to time while making the payment.

The contractor shall submit interim bills only after taking actual measurements and properly recorded in the Measurement Book (M. B.)

The Contractor shall not submit interim bills. Final Payment shall be made after commissioning of the project.

The final bill may be submitted by contractor within a period of one month from the date of virtual completion and Architect / consultant shall issue the certificate of payment within a period of two months. The SBI shall pay the amount within a period of three months from the date of issue of

certificate provided there is no dispute in respect of rates and quantities.

The contractor shall submit the interim bills in the prescribed format with all details.

36.0 A. Settlement of Disputes and Arbitration

Except where otherwise provided in the contract all questions and disputes to the meaning of the specifications, design, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings specifications, estimates, instructions orders or these conditions or otherwise concerning the work or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

i) If the contractor considers that he is entitled to any extra payment or compensation in respect of the works over and above the amounts admitted as payable by the Architect or in case the contractor wants to dispute the validity of any deductions or recoveries made or proposed to be made from the contract or raise any dispute, the Contractor shall forthwith give notice in writing of his claim, or dispute to the Assistant General Manager (Premises& Estate), LHO Lucknow and endorse a copy of the same to the Architect, within 30 days from the date of disallowance thereof or the date of deduction or recovery. The said notice shall give full particulars of the claim, grounds on which it is based and detailed calculations of the amount claimed and the contractor shall not be entitled to raise any claim nor shall the Bank be in any way liable in respect of any claim by the contractor unless notice of such claim shall have been given by the contractor to the Assistant General Manager (Premises& Estate) LHO, Lucknow in the manner and within the time as aforesaid. The contractor shall be deemed to have waived and extinguished all his rights in respect of any claim not notified to the Assistant General Manager (Premises & Estate) / Dy. General Manager & CDO in writing in the manner and within the time aforesaid.

ii) The Assistant General Manager (Premises & Estate) shall give his decision in writing on the claims notified by the contractor. The contractor may within 30 days of the receipt of the decision of the Assistant General Manager (Premises& Estate) submit his claims to the conciliating authority namely the Circle Development Officer for conciliation along with all details and copies of correspondence exchanged between him and the Assistant General Manager (Premises& Estate)

iii) If the conciliation proceedings are terminated without settlement of the disputes, the contractor shall, within a period of 30 days of termination thereof shall give a notice to the concerned Chief General Manager of the Bank for appointment of an arbitrator to adjudicate the notified claims failing which the claims of the contractor shall be deemed to have been considered absolutely barred and waived.

iv) Except where the decision has become final, binding and conclusive in terms of the contract, all disputes or differences arising out of the notified claims of the contractor as aforesaid and all claims of the Bank shall be referred for adjudication through arbitration by the Sole Arbitrator appointed by the Chief General Manager at LHO Lucknow. It will also be no objection to any such appointment that the Arbitrator so appointed is a technically competent person not below the rank of Superintending Engineer or equivalent position in Public Sector Banks / CPSEs, CPWD, LIC, RBI etc. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed in the manner aforesaid by the said Chief General Manager. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

v) It is a term of this contract that the party invoking arbitration shall give a list of disputes with

amounts claimed in respect of each dispute along with the notice for appointment of arbitrator.

vi) It is also a term of this contract that no person other than a person appointed by such Chief General Manager aforesaid should act as arbitrator.

vii) The conciliation and arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act 1996 or any statutory modification or re-enactment thereof and the rules made there under.

viii) It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties.

ix) It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees if any, of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award (including the fees, if any of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof shall be paid and fix or settle the amount of costs to be so paid.

37.0 Water Supply

The contractor shall make his own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following condition.

- i) That the water used by the contractor shall be fit for construction purposes to the satisfaction of the Architect / consultant's.
- ii) The contractor shall make alternative arrangements for the supply of water if the arrangement made by the contractor for procurement of water in the opinion of the Architect / consultant is unsatisfactory.

37.1 The contractor shall construct temporary well / tube well in SBI and for taking water for construction purposes only after obtaining permission in writing from the SBI. The contractor has to make his own arrangements for drawing and distributing the water at his own cost. He has to make necessary arrangements. To avoid any accidents or damages caused due to construction and subsequent maintenance of the wells. He has to obtain necessary approvals from local authorities, if required, at his own cost. He shall restore the ground to its original condition after wells are dismantled on completion of work or hand over the well to the SBI without any compensation as directed by the Architect / consultant.

37.2 If the contractor makes use of Bank's water connection or power connection (after obtaining due permission, an amount of 0.25% of the tendered amount/amount of final bill , whichever is higher will be deducted.

38.0 Power Supply

The contractor shall make his own arrangements for power and supply / distribution system for driving plant or machinery for the work and for lighting purpose.

39.0 Treasure Trove etc.

Any treasure trove, coin or object antique which may be found on the site shall be the property of SBI and shall be handed over to the bank immediately.

40.0 Method of Measurement

Unless otherwise mentioned in the schedule of quantities or in mode of measurement, the measurement will be on the net quantities or work produced in accordance with up to date rules laid down by the Bureau of Indian Standards. In the event any dispute / disagreement the decision of the Bank/Architect / consultant shall be final and binding on the contractor.

41.0 Maintenance of Registers

The contractor shall maintain the following registers as per the enclosed perform at site of work and should produce the same for inspection of SBI/Architect / consultant whenever desired by them. The contractor shall also maintain the records / registers as required by the local authorities / Govt. from time to time.

- i) Register for secured advance
- ii) Register for hindrance to work
- iii) Register for running account bill
- iv) Register for labour

42.0 Force Majeure

42.1 Neither contractor nor SBI shall be considered in default in performance of the obligations if such performance is prevented or delayed by events such as but not war, hostilities revolution, riots, civil commotion, strikes, lockout, conflagrations, epidemics, accidents, fire, storms, floods, droughts, earthquakes or ordinances or any act of or for any other cause beyond the reasonable control of the party affected or prevents or delayed. However, a notice is required to be given within 30 days from the happening of the event with complete details, to the other party to the contract, if it is not possible to serve a notice, within the shortest possible period without delay.

42.2 As soon as the cause of force majeure has been removed the party whose ability perform its obligations has been affected, shall notify the other of such cessation and the actual delay incurred in such affected activity adducing necessary evidence in support thereof.

42.3 From the date of occurrence of a case of force majeure obligations of the party affected shall be suspended during the continuance of any inability so caused. With the caused itself and inability resulting there from having been removed, the agreed time completion of the respective obligations under this agreement shall stand extended a period equal to the period of delay occasioned by such events.

42.4 Should one or both parties be prevented from fulfilling the contractual obligations by state of force majeure lasting to a period of 6 months or wore the two parties, shall each other to decide regarding the future execution of this agreement.

43.0 Local laws, Acts Regulations:

The contractor shall strictly adhere to all prevailing labour laws, if applicable inclusive at contract labour (regulation and abolition act of 1970) and other safety regulations. The contractors should comply with the provision of all labour legislation including the latest requirements of the Acts, laws, any other regulations that are applicable to the execution of the project.

- i) Minimum wages Act 1948 (Amended)
- ii) Payment of wages Act 1936 (Amended)
- iii) Workmen's compensation Act 1923 (Amended)
- iv) Contract labour regulation and abolition act 1970 and central rules 1971 (Amended)
- v) Apprentice act 1961 (amended)

- vi) Industrial employment (standing order) Act 1946 (Amended)
- vii) Personal injuries (Compensation insurance) act 1 963 and any other modifications
- viii) Employees' provident fund and miscellaneous provisions Act 1952 and amendment thereof
- ix) Shop and establishment act
- x) Any other act or enactment relating thereto and rules framed there under from time to time.
- xi) Prevailing Indian Electricity rules & act.

44.0 Accidents

The contractor shall immediately on occurrence of any accident at or about the site or in connection with the execution of the work report such accident to the Architect / consultant. The contractor shall also such report immediately to the competent authority whenever such report is required to be lodged by the law and take appropriate actions thereof.

SPECIAL CONDITION OF CONTRACT

1.0 Scope of work

- Supply, Installation, Testing, and Commissioning of DC and AC Fast EV Charging Station at following locations:

S. No.	Location	Proposed Charger	Qty.
1	Administrative Office, Lucknow	30 kW DC single gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
2	Administrative Office, Kanpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
3	Administrative Office, Prayagraj	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
4	Administrative Office, Varanasi	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
5	SBI Administrative Office, Gorakhpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
6	SBILD, Kanpur	30 kW DC single gun - for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
7	SBILD, Lucknow	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
8	SBILD, Varanasi	30 kW DC single gun- for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
9	Officer's Colony, Sector-DS, Lucknow	30 kW DC single gun- for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
9	Officer's Colony, Varanasi	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
10	Officer's Colony, Rapti Nagar, Gorakhpur	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
	Total		19

2.0 Address of site : As mentioned in scope of work

3.0 Temporary works.

Before any temporary works are commenced the contractor shall submit at least in advance to the Bank /Architect / consultant for approval complete drawings of all temporary works he may require for the execution of the works. The contractor shall carry out the modifications relating to strength, if required by the Architect / consultant may require in accordance with the conditions of contract at his own cost the contractor shall be solely responsible for the stability and safety of all temporary works and unfinished works and for the quality of the permanent works resulting from the arrangement eventually adopted for their execution.

4.0 Facilities for contractor's employees

The contractor shall make his own arrangement for the housing and welfare of his staff and

workmen including adequate drinking water facilities. The contractor shall also make the arrangements at his own cost for transport where necessary for his staff and workmen to and from site of work at his own cost.

5.0 Lighting of works

The contractor shall at all times provide adequate and approved lighting as required for the proper execution and supervision and inspection of work.

6.0 Firefighting arrangements

i) The contractor shall provide suitable arrangement for firefighting at his own cost. This purpose he shall provide requisite number of fire extinguishers and adequate number of buckets, some of which are to be always kept filled with sand and some with water this equipment shall be provided at suitable prominent and easily accessible place and shall be properly maintained.

ii) Any deficiency in the fire safety or unsafe conditions shall be corrected by the contractor at his own cost and, to the approval of the relevant authorities. The contractor makes the following arrangements at his own cost but not limited the following:

- a) Proper handling, storage and disposal of combustible materials and waste.
- b) Work operations which can create fire hazards.
- c) Access for fire-fighting equipment.
- d) Type, number and location of containers for the removal of surplus materials and rubbish.
- e) Type, size, number and location of fire extinguishers or other fire fighting equipment.
- f) General house keeping

7.0 Site order book

A site order book shall be maintained at site for the purpose of quick communication between the Bank /Architect / Consultant. Any communication relating to the work may be conveyed through records in the site order book. Such a communication from one party to the other shall be deemed to have been adequately served in terms of contract Each site order book shall have machine numbered pages in triplicate and shall carefully maintained and preserved by the contractor and shall be made available to the Architect / consultant as and when demanded- Any instruction which the Architect /consultant may like to issue to the contractor or the contractor may like to bring to the Architect / consultant two copies of such instructions shall be taken from the site order book and one copy will be handed over to the party against proper acknowledgment and the second copy will be retained for their record.

8.0 Temporary fencing/ barricading

The contractor shall provide and maintain a suitable temporary fencing / barricading and gates at his cost to adequately enclose all boundaries of the site for the protection of the public and for the proper execution and security of the work and in accordance with the requirement of the Architect / consultant and regulations of local authorities. These shall be altered, relocated and adopted from time to time as necessary and removed on completion of the work.

9.0 Site meetings

Site meetings will be held to review the progress and quality evaluation. The contractor shall depute a senior representative along with the site representative and other staff of approved sub-contractors and suppliers as required to the site meetings and ensure all follow up actions. Any additional review meetings shall be held if required by the Architect/ consultant.

15.0 Disposal of refuse

The contractor shall cart away all debris, refuse etc. arising from the work from the site and deposit the same as directed by the Architect / consultant at his own cost. It is the responsibility of the contractor to obtain from the local authorities concerned to the effect that all rubbish arising out of contractor's activities at the construction site or any other off-site activities borrow pits has been properly disposed of.

11.0 Contractor to verify site measurement

The contractor shall check and verify all site measurements whenever requested other specialist contractors or other sub-contractors to enable them to prepare the own shop drawing and pass on the information with sufficient promptness as will in any way delay the works.

13.0 As built drawings

i) For the drawings issued to the contractor by the Architect / Consultant. The Architect Consultant will issue two sets of drawings to the Contractor for the items for some changes have been made. From the approved drawings as instructed by the SBI / Architect / Consultant. The contractor will make the changes made on these copies and return these copies to the Architect / Consultant for their approval. In cases revision is required or the corrections are not properly marked the Architect / Consultant will point out the discrepancies to the contractor. The contractor will have to incorporated these corrections and / or attend to discrepancies either on copies as directed by the Architect / consultant and resubmit to him for approval. The Architect / consultant will return one copy duly approved by him.

ii) For the drawings prepared by the contractor

The contractor will modify the drawing prepared by him wherever the changes made by the SBI / Architect / Consultant and submit two copies of such modified drawings to the Architect / Consultant for approval. The Architect / consultant will return one copy of the approved drawing to the contractor.

14.0 Approved make

The contractor shall provide all materials from the list of approved makes at his own cost

15.0 Procurement of materials

The contractor shall make his own arrangements to procure all the required materials for the work. All wastages and losses in weight shall be to the contractors account

16.0 Excise Duty, Taxes, Leveis etc.;

The contractor shall pay and be responsible for payment of all taxes, duties, levies, royalties, fees, cess or charges in respect of the works including but not limited to sales tax, tax on works contract excise duty, and octroi, payable in respect of materials, equipment plant and other things required for the contract. All of the aforesaid taxes, duties, levies, fees and charges shall be to the contractor's account and the SBI shall not be required to pay any additional or extra amount on this account. Variation of taxes, duties, fees, levies etc. if any, till completion of work shall be deemed to be included in the quoted rates and no extra amount on this account. Variation of taxes, duties, fees, levies etc. if any, till completion of work shall be deemed to be included in the quoted rates and no extra claim on this account will in any case be entertained. If a new tax or duty or levy or cess or royalty or octroi is imposed under as statutory law during the currency of contract the same shall be borne by the contractor.

17.0 Acceptance of tender

The SBI shall have the right to reject any or all tenders without assigning any reason. They are not

to bind to accept the lowest or any tender and the tenderer or tenderers shall have no right to question the acts of the SBI . However adequate transparency would be maintained by the SBI

SAFETY CODE

1. First aid appliances including adequate supply of sterilized dressing and cotton wool shall be kept in a readily accessible place.
2. An injured person shall be taken to a public hospital without loss of time, in cases when the injury necessitates hospitalization.
3. Suitable and strong scaffolds should be provided for workmen for all works that cannot safely be done from the ground.
4. No portable single ladder shall be over 8 meters in length. The width between the side rails shall not be less than 30 cm. (clear) and the distance between two adjacent running shall not be more than 30 cm. When a ladder is used an extra mazdoor shall be engaged for holding ladder.
5. The excavated material shall not be placed within 1.5 meters of the edge of the trench half of the depth of trench whichever is more. All trenches and excavations shall be provided with necessary fencing and lighting.
6. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one meter.
7. No floor, roof or other part of the structure shall be so overloaded with debris or material as to render it unsafe.
8. Workers employed on mixing and handling material such as asphalt, cement, mortar, concrete and lime shall be provided with protective footwear and rubber hand gloves.
9. Those engaged in welding works shall be provided with welders' protective eye shield and gloves.
10. (i) No paint containing lead or lead products shall be used except in the form of paste readymade paint.
(ii) Suitable facemasks should be supplied for use by the workers when the paint applied in the form of spray or surface having lead paint dry rubbed and scrapped.
11. Overalls shall be supplied by the contractor to the painters and adequate facilities shall be provided to enable the working painters to wash during cessation of work.
12. Hoisting machines and tackle used in the works including their attachments anchor and supports shall be in perfect condition.
13. The ropes used in hoisting or lowering material or as a means of suspension shall be durable quality and adequate strength and free from defects.

ARTICLES OF AGREEMENT

(On non-judicial Stamp Paper of ₹ 500/- or as per latest Govt. Rules)

This agreement made the day of between AGM (P&E), State Bank of India, -----(hereinafter called the Bank or SBI) which expression shall include the successors and assigns) of the one part and M/s. company / partnership for registered under the Indian Companies Act/ Partnership Act having its registered office..... (hereinafter called 'the Contractors' which expression shall include the present directors / partners and also the directors / partners from time to time as also their respective heirs, legal representatives, administrators and assigns) of the other part.

WHEREAS the employer is desirous of execution of _____(Name of work)_____ and has caused drawings and specifications describing the works to be done prepared by Project Architects M/s _____ having their offices at _____ (hereinafter called "the Architect")

AND WHEREAS THE SAID Drawings numbered as mentioned in the tender documents hereinafter mentioned and to be issued from time to time, the specifications and the Schedule of items and quantities have been signed by or on behalf of the parties hereto.

AND whereas the contractors have agreed to execute upon and subject to the condition set forth herein and Schedule of items and quantities, General & special Conditions of Contract, specification etc. contained in the tendered documents including all correspondences exchanged by or between the parties from the submission of tender till the award of work, both letters inclusive, (all of which are collectively hereinafter referred to as "the said conditions"). The works shown upon the said drawing and /or described in the said specification and included in the schedule of Items and Quantities at the respective rates therein set forth amounting to the sum of Rs _____ (Rupees _____ in words _____) as there in arrived at or such other sum as shall become payable there under (hereinafter referred to as " the said Contract Amount".

This agreement is subject to jurisdiction of courts in Lucknow only.

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the said Contract amount to be paid at the times and the manner set forth in the said Conditions, the Contractors shall upon and subject to the said conditions execute and complete the work shown upon the said drawings and described in the said specifications and the schedule of items and quantities.
2. The employer shall pay the Contractors the amount or such other sum as shall become payable, at the times and in the manner specified in the said conditions.
3. The term "the Architect" in the said condition shall mean the said "M/s _____" or in the event of their ceasing to be the Architect for the purpose of this contract for whatever reason, such other person or persons as shall be nominated for that purpose by the Employer, not being

a person to whom the Contractor shall object for reasons considered to be sufficient by the Employer provided always that no person or persons subsequently appointed to be Architect under this contract shall be entitled to disregard or over rule any previous decisions or approval or direction given or expressed in writing by the architect for the time being.

4. The said conditions and appendix thereto shall be read and construed as forming part of this agreement, and the parties hereto shall respectively abide by / submit themselves to the said conditions and perform the agreements on their part respectively in the said conditions contained.
5. The plans, agreement and documents mentioned herein shall form the basis of this contract.
6. This contract is neither a fixed Lump sum contract nor a piece work contract but is a contract to carry out the work in respect of the entire project on item rate basis to be paid for according to actual measured quantities at the rates contained in the schedule of quantities and rates or as provided in the said conditions.
7. The Bank / Employer reserves to itself the rights of altering the specifications and nature of work by adding to or omitting any item of work or having portions of the same carried out without prejudice to the contract.
8. Time shall be considered as the essence of this contract and the contractor here by agrees to commence the work soon after the site is handed over to him or from the 14th day after date of issue of formal work order as provided for in the said conditions of contractor whichever is later and to complete the entire work within ____ (period of contract) months subject never the less to the provisions for extension of time.
9. All payments by the Employer under this contract will be made only at _____.
10. Any dispute arising under this Agreement shall be referred to arbitration in accordance with the stipulations laid down in the tender.
11. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen in Lucknow and only the courts of in Lucknow shall have jurisdiction to determine the same.
12. That all the parts of this contract have been read by the contractor and fully understood by the contractor. They further agree to complete the said work to fullest satisfaction of architect / Employer.
13. IN WITNESS WHEREOF the Employer and the contractors have set their respective hands to these presents through their duly authorized official and the said two duplicates hereof to be executed on its behalf of the day and year first herein above written.

14.

Signed on behalf of the

Signed-on behalf of the

STATE BANK OF INDIA

CONTRACTORS

In the presence of :

In the presence of :

1. Signature :

Name :

Address :

1. Signature :

Name :

Address :

2. Signature :

Name :

Address :

2. Signature :

Name :

Address :

Signature and seal of the bidder

TECHNICAL SPECIFICATIONS FOR EV CHARGING STATION WORK

These specifications are for work to be done, item to be supplied and materials to be used in the works as shown and denned on the drawings and described herein, to the satisfaction of the Bank.

1.1 The workmanship is to be the best possible and of a high standard. The contractor shall take all steps immediately to make up deficiency if any noticed by the Bank.

1.2 The materials to be provided by the contractor shall be in accordance with the BOQ and in conformity with specification and approved list of manufacturers and brand. The contractor shall produce all invoices, vouchers or receipts for any material if called upon to do so by the Bank / Architects.

1.3 The contractor shall be responsible for providing and maintaining temporary coverages required for the protection of finished work.

1.4 Contractor shall maintain unformed quality and consistency in workmanship throughout the execution of the work.

1. Scope of Work :

The Scope of Work covers the Design, supply, installation, mounting, earthing, testing, and commissioning including 3 years warranty of EV Charging Station as mentioned below:

- Supply, Installation, Testing, and Commissioning of DC and AC Fast EV Charging Station at following locations:

S. No.	Location	Proposed Charger	Qty.
1	Administrative Office, Lucknow	30 kW DC single gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
2	Administrative Office, Kanpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
3	Administrative Office, Prayagraj	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
4	Administrative Office, Varanasi	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
5	SBI Administrative Office, Gorakhpur	60 kW DC dual gun - for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
6	SBILD, Kanpur	30 kW DC single gun - for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
7	SBILD, Lucknow	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
8	SBILD, Varanasi	30 kW DC single gun- for four-wheeler	01
		3.3 kW AC single gun - for two-wheeler	01
9	Officer's Colony, Sector-DS, Lucknow	30 kW DC single gun- for four-wheeler	01
		3 kW DC dual gun - for two-wheeler	01
9	Officer's Colony, Varanasi	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01
10	Officer's Colony, Rapti Nagar, Gorakhpur	30 kW DC single gun- for four-wheeler. Two-Wheeler charger is already installed.	01

	Total		19
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Technical Specifications:

60 KW DC TYPE EV CHARGING STATION FOR 4 WHEELERS		
S No	Parameter	Technical Specification
1	Charger Type	DC EV Charging station for 4 wheelers
2	Rated DC Output	60 KW minimum
3	Input Supply	415 V AC, 3 phase, 50 Hz
4	Output Voltage	Regulated DC output suitable for compatible 4-wheeler battery type
5	Connector	CCS2, IEC62196-3 COMPLAINT
6	No of Guns	2 * CCS2 Guns
7	Power Sharing	Dynamic/automatic power sharing between 2 guns
8	Simultaneous Charging	Bidder shall clearly state power available to each gun during simultaneous charging.
9	Communication Protocol	OCPP 1.6J minimum
10	Communication Interface	4G/5G, Ethernet and Wi-Fi, as applicable
11	Energy Meter	Integrated Energy Meter with suitable accuracy for charging -energy measurement.
12	Display	Lcd Display / Status Indication for charging status, voltage/current, energy delivered, fault/alarm and other relevant parameters
13	Remote Monitoring	Required
14	Remote Start/Stop	Required
15	IP Rating	IP 65 minimum as per IEC
16	Protection	Over Voltage, under voltage, over current, short-circuit, surge protection, over-temperature and earth-fault/leakage protection
17	Residual Current Protection	Suitable DC residual -current protection / RCD arrangement as required by applicable standards and OEM design
18	Emergency Stop	Required
19	EMC/EMI	Compliance with applicable IS/IEC EMC requirements
20	Certification	Applicable BIS/IS certification/test reports and type-test reports shall be submitted
21	Warranty	3 Years from date of commissioning
22	Installation	Complete SITC in all aspects.
23	Documentation	O&M Manual, datasheet, wiring diagram, test certificate, certificate of compliance and warranty documents
24	Authorization Certificate	OEM Authorization Certificate, where bidder is not the OEM
25	Make/Model	OEM technical data sheet for the exact make and model offered.

30 KW DC TYPE EV CHARGING STATION FOR 4 WHEELERS		
S No	Parameter	Technical Specification
1	Charger Type	DC EV Charging station for 4 wheelers
2	Rated DC Output	30 KW minimum
3	Input Supply	415 V AC, 3 phase, 50 Hz
4	Output	Regulated DC output suitable for compatible 4-wheeler battery type
5	Connector	CCS2, IEC62196-3 COMPLAINT
6	No of Guns	Single Gun
7	Communication Protocol	OCPP 1.6J minimum
8	Communication Interface	4G/5G, Ethernet and Wi-Fi, as applicable
9	Energy Meter	Integrated Energy Meter with suitable accuracy for charging -energy measurement.
10	Display	Display / Status Indication for charging status, voltage/current, energy delivered, fault/alarm and other relevant parameters
11	Remote Monitoring	Required
12	Remote Start/Stop	Required
13	IP Rating	IP 65 minimum as per IEC
14	Protection	Over Voltage, under voltage, over current, short-circuit, surge protection, over-temperature and earth-fault/leakage protection
15	Residual Current Protection	Suitable DC residual -current protection / RCD arrangement as required by applicable standards and OEM design
16	Emergency Stop	Required
17	EMC/EMI	Compliance with applicable IS/IEC EMC requirements
18	Certification	Applicable BIS/IS certification/test reports and type-test reports shall be submitted
19	Warranty	3 Years from date of commissioning
20	Installation	Complete SITC in all aspects.
21	Documentation	O&M Manual, datasheet, wiring diagram, test certificate, certificate of compliance and warranty documents
22	Authorization Certificate	OEM Authorization Certificate, where bidder is not the OEM
23	Make/Model	OEM technical data sheet for the exact make and model offered.

3 KW DC TYPE EV CHARGING STATION FOR 2 WHEELERS		
S No	Parameter	Technical Specification
1	Charger Type	DC EV Charging station for 2 wheelers
2	Rated DC Output	3 KW DC output minimum
3	Input Supply	230 V AC, single phase, 50 Hz
4	Output	Regulated DC output suitable for compatible 2-wheeler battery type
5	Connector	Type 6 / Type 7 as per applicable BIS / IS Compliant DC Connector, compatible with 2-wheeler charging station.
6	No of Guns	Single Gun
7	Communication Protocol	OCPP 1.6J minimum
8	Communication Interface	4G/5G, Ethernet and Wi-Fi, as applicable
9	Energy Meter	Integrated Energy Meter with suitable accuracy for charging -energy measurement.
10	Display	Display / Status Indication for charging status, voltage/current, energy delivered, fault/alarm and other relevant parameters
11	Remote Monitoring	Required
12	Remote Start/Stop	Required
13	IP Rating	IP 65 minimum as per IEC
14	Protection	Over Voltage, under voltage, over current, short-circuit, surge protection, over-temperature and earth-fault/leakage protection
15	Residual Current Protection	Suitable DC residual -current protection / RCD arrangement as required by applicable standards and OEM design
16	Emergency Stop	Required
17	EMC/EMI	Compliance with applicable IS/IEC EMC requirements
18	Certification	Applicable BIS/IS certification/test reports and type-test reports shall be submitted
19	Warranty	3 Years from date of commissioning
20	Installation	Complete SITC in all aspects.
21	Documentation	O&M Manual, datasheet, wiring diagram, test certificate, certificate of compliance and warranty documents
22	Authorization Certificate	OEM Authorization Certificate, where bidder is not the OEM
23	Make/Model	OEM technical data sheet for the exact make and model offered.

3.3 KW AC TYPE EV CHARGING STATION FOR 2 WHEELERS		
S No	Parameter	Technical Specification
1	Charger Type	AC EV Charging station for 2 wheelers
2	Rated Output	3.3 KW minimum AC output
3	Input Supply	230 V AC, single phase, 50 Hz
4	Output	Regulated AC output suitable for compatible 2-wheeler battery type
5	Connector	Type 6 / Type 7 as per applicable BIS / IS Compliant DC Connector, compatible with 2-wheeler charging station.
6	No of Guns	Single Gun
7	Communication Protocol	OCPP 1.6J minimum
8	Communication Interface	4G/5G, Ethernet and Wi-Fi, as applicable
9	Energy Meter	Integrated Energy Meter with suitable accuracy for charging -energy measurement.
10	Display	Display / Status Indication for charging status, voltage/current, energy delivered, fault/alarm and other relevant parameters
11	Remote Monitoring	Required
12	Remote Start/Stop	Required
13	IP Rating	IP 65 minimum as per IEC
14	Protection	Over Voltage, under voltage, over current, short-circuit, surge protection, over-temperature and earth-fault/leakage protection
15	Residual Current Protection	Suitable DC residual -current protection / RCD arrangement as required by applicable standards and OEM design
16	Emergency Stop	Required
17	EMC/EMI	Compliance with applicable IS/IEC EMC requirements
18	Certification	Applicable BIS/IS certification/test reports and type-test reports shall be submitted
19	Warranty	3 Years from date of commissioning
20	Installation	Complete SITC in all aspects.
21	Documentation	O&M Manual, datasheet, wiring diagram, test certificate, certificate of compliance and warranty documents
22	Authorization Certificate	OEM Authorization Certificate, where bidder is not the OEM
23	Make/Model	OEM technical data sheet for the exact make and model offered.

Technical Specifications for electrical works:

TECHNICAL SPECIFICATION FOR ELECTRICAL WIRING

1.0 GENERAL REQUIREMENTS

The installation shall generally be carried out in conforming with the requirements of the Indian Electricity Act, 1910 as amended up to date and the Indian Electricity Rules, 1956 framed thereunder, the relevant regulations of the Electric Supply Authority concerned, and also with the specifications laid down in the Indian Standard I.S. 732 - 1963 Code of Practice (Revised) for Electrical Wiring Installations (system voltage not exceeding 650 volts) and I.S. 2309-1969 Code of Practice for the protection of Buildings and Allied Structure against Lightning and IS 3043 - Indian code of Practice for Earthing. The wiring shall also be according to the I.S specifications, NEC, Local Government Body.

Only the contractor having valid Electrical Contractor Licence of the state shall be eligible to execute the same. The contractor shall be responsible for renewal of the same at the appropriate time.

2.0 MATERIALS

All materials, fittings, appliances, used in electrical installations, shall conform to Indian Standard Specifications wherever these exist. A list of approved materials is attached afterwards. Materials not included in the list shall be got approved by the Architects/Engineer-in-Charge/Bank prior to actual use.

3.0 MAIN SWITCH GEAR

Iron clad switch fuse and isolator units should conform to relevant I.S. Standard. The quick make and break mechanism shall be self interlocked with the cover. In "Off" position there must be two breaks per pole.

Main switch gear shall be properly earthed with two numbers conductors if M.V and one number of L.V.

4.0 BUSBAR CHAMBER (B.B.C)

This shall be totally enclosed, metal clad type fabricated from rust proofed 16 SWG sheet steel on angle iron frame and provided with sheet steel or cast iron detachable front cover and undrilled detachable end plates, suitable for mounting on wall or angle iron floor stand and painted with high quality enamel paint. G.I. bolts and nuts shall be used for assembly with suitable packing materials to ensure dust proof finish. Meters shall be provided on suitable sheet steel boxes. Switch shall be provided with cable end boxes as required.

The depth of B.B.C. shall be 250 mm (minimum). Minimum clearance of phase bars to earth shall be 25 mm and between bus bars shall be minimum 32 mm.

H.C. (High conductivity) copper busbars properly tinned are to be rated at 1000 Amps. per sq. in and Aluminium bus bars (wrought aluminium alloy strip) conforming to relevant I.S. specification at 800 Amps per sq in.

Neutral Busbars are to be rated to carry 100% of phase current upto 200A and 60% for higher. These shall be mounted on DMC/SMC supports of proper dielectric

Signature and seal of the bidder

and mechanical strength and shall be appropriately colour coded for identification of Phase with PVC sleeves of 1.1 KV grade throughout the length.

Lettering shall be done for identification of switches as directed. The contractor shall submit fully dimensioned drawing of the board with the physical position of the switches and other components to the Architects for their approval before the same is fabricated.

There shall be two nos of Earth Terminals. Suitable Danger Board shall be provided.

5.0 INTERCONNECTION IN B.B.C, SWITCH FUSE, METERS

For ratings above 150 Amps these shall consist of insulated copper strips of adequate section considering current density as specified in Clause 4 above. For rating below 150 Amps PVC copper cable tails of appropriate size, terminating in tinned copper sockets may be used considering 1.5 Amp/sq. mm for copper & 1.0 Amp/sq.mm for aluminium. The above are to be enclosed either in sheet metal trunking or conduits so that no part is exposed.

6.0 DISTRIBUTION BOARDS

These totally enclosed metal clad type Distribution Boards with hinged lids shall be in accordance with I.S. 2147 - 1952 and 2675 - 1966 and B.S. 214 and shall be of welded construction and fabricated from rust proofed sheet steel and finished with anticorrosive stove enamel paint and have provision for fixing on wall and have earthing terminals/terminals.

Power Distribution Boards (400 volts TPN) shall be constructed from 16 SWG sheet steel and Branch Distribution Boards (230 volts SPN from 18 SWG sheet steel).

The MCB shall be mounted on Din rails supports of proper dielectric & mechanical strength. If fuses/fuse banks are used these shall be mounted on moulded DMC/SMC or ebonite supports of proper dielectric and mechanical strength. TPN units should have phase separation barriers.

Cables shall be connected to a terminal by crimped lugs.

Where two or more B.D.B's feeding low voltage circuits are fed from different phases of a medium voltage supply, these B.D.B's shall be installed atleast two metres apart or otherwise in a different direction to prevent access to the both DBs at a time.

All three phase power distribution boards shall be properly earthed with two number 10 S.W.G galvanised iron wires and provided with suitable Danger Board. All SPN B.D.B's shall be properly earthed with one number 10 SWG galvanised iron wire each or with insulated copper PVC wire of adequate ratings in case of concealed wiring as per the specifications.

7.0 SWITCHES

All switches for lights, fans and plug points shall be piano type switches, unless specified otherwise.

8.0 CABLES AND CONDUCTORS

All cables shall conform to I.S-692, IS-7098, IS-1554 (Part-I) 1964 and IS 694-1990 or latest. Conductors of all cables except for flexible cables, shall be of aluminium,

Signature and seal of the bidder

unless specified otherwise.

9.0 FLEXIBLE CABLES

Conductors of flexible cables shall be of copper. The minimum size of core acceptable is 1.50 sq.mm.

10.0 INSTALLATION OF MAIN SWITCH BOARD, BDB'S MAINS, SUB-MAINS, DISTRIBUTION WIRING TO INDIVIDUAL POINTS

The exact positions of all main switch board, BDB's and all runs of mains and submains, and distribution wirings to individual points including the exact position of all light fittings and switch boards shall be first marked on the buildings and shall be approved by the Engineer-in-Charge before actual commencement of the work.

The D.Bs shall generally be installed at a height of 2.13 m (7 ft) from floor level.

11.0 INSTALLATION OF SWITCH BOARDS

These shall be installed at a height of 1.3 mtrs (4'-3") and above the floor level.

12.0 INSTALLATION OF CEILING FANS

Unless otherwise specified all ceiling fans shall be hung not less than 2.75 M (9 ft) above floor. The suspension and clamp shall be painted with approved paint without involving extra cost.

13.0 INSTALLATION OF FLUORESCENT LIGHT FITTINGS :

Where these are suspended from ceiling by two down rods, or fixed to ceiling/beam directly, at least one fixing to the ceiling/beam shall be made with Mechanical/Metal fasteners. Electrical drill only shall be used while making holes for the fasteners which shall be capable of sustaining at least 15 kg of dead weight.

The down rods and accessories shall be painted with approved paint without involving extra cost.

Unless otherwise specified these should be suspended 2.60 M (8'-6") above the floor or as per direction of Bank/Architect to match interiors.

14.0 INSTALLATION OF EXHAUST FANS

Exhaust Fans shall be fitted by means of rag bolts embedded or on suitable size block board (12 mm thick) in the wall/window panels. The required holes in the wall shall be made and finished neatly with cement plaster and brought to the original finish of the wall. In case of block board mounting all fixing, cutting shall be made by the electrical contractor in coordination with civil/interior decoration contractor without extra cost.

15.0 INSTALLATION OF SOCKET OUTLETS

No socket outlet shall be provided in the bath room at the height less than 130 cms (4'-3") from the floor.

No switches shall be provided inside the bath rooms, unless approved by the Engineer-in-Charge.

Socket outlet at locations other than bath rooms shall be either 25 cms (10") or 130 cms (4'-3") from the floor.

16.0 INSTALLATION OF ELECTRIC MOTORS

Electric Motors shall be earthed either with 2 numbers SWG 6 G.I. wires, if M.V. and 1 number if L.V. or insulated copper PVC wires of adequate sizes as approved by Bank/Architects without any extra cost to the Bank.

17.0 TESTING OF INSTALLATION

Before a completed installation or an addition to an existing installation is put into service, the following tests shall be carried out by the contractor in presence of the Engineer-in-Charge/Bank/Architects.

a) Polarity of switches

It must be ensured by test that all single pole switches have been fitted on the live side of the circuits they control.

b) Insulation Test

- i) By applying a 500 volt megger between earth and the whole system of conductors or any section thereof, with all fuses in place and all switches closed, all lamps in position or both poles of installation otherwise electrically connected together :- The result in megohm shall not be less than 50 divided by the number of points on the circuit, and should not be less than 1 megohm.
- ii) Between all conductors connected to one phase and all such conductors connected to the neutral or to the other phase conductors of the supply after removing all metallic connections between the two poles of the installation and switching on all switches. The insulation resistance shall be as in (i) above.

c) Earth continuity Test

The earth continuity conductor including metal conduits, and metal sheaths of cables in all cases shall be tested for electrical continuity. Electrical resistance of the above along with the earthing lead but excluding any resistance of earth leakage circuit breaker, measured from the connection with the earth electrode to any point in the earth continuity conductor in the completed installation shall not exceed one ohm.

d) Earth Resistance Test

To ensure effectiveness of installation earth, the value of earth resistance shall be within 5 ohm for installation capacity upto 5 KW and one ohm for installation of higher capacity.

- 18.0** The completed work will be taken over only if the results obtained in above tests are within the limits mentioned above, and in accordance with I.E. Rules.

On completion of the installation work, a certificate shall be furnished by the contractor, countersigned by the certified supervisor under whose direct supervision the installation

was carried out. This certificate shall be in a prescribed form as required by the local Electric Supply Authority. The installation shall not be considered as complete unless the installation is got inspected and passed by the Electrical Inspector, Directorate of Electrical Safety, of the local State Government/Authority. The contractor shall have to take all initiatives and follow up the matter at his own cost for early approval of the installation for permanent energisation of the installation from the Directorate of Electrical Safety, of the local State Govt/Authority. No extra amount will be paid on this account. However statutory fees, if any, will be reimbursed to the contractor on production of documentary evidences/official money receipts.

19.0 SPECIAL SPECIFICATIONS

- a) Before fixing all switches, fittings etc. these should be produced before Engineer-in-Charge and get approved.
- b) All metal switch boards and switch/regulator boxes to be used in work shall be painted with two coats of anti rust primer (red oxide paint) prior to erection. After erection these shall be again painted with two coats of enamel paint of approved quality and shade.
- c) Before execution of any portion of conduit work for wiring a neat proper layout should be made out by the contractor and got approved from the Engineer-in-Charge. For this purpose contractor is advised to get acquainted with the layout drawings.
- d) While laying the conduits for concealed wiring in the ceilings/beams/columns/walls/ partitions/modular furniture etc, the contractor must ensure that all the inlets and both ends of the conduits are plugged to stop entry of foreign materials so that no difficulty arises during drawing of wires later .
- e) Damage to any fitting during erection and before handing over the installation by contractor shall be set right or replaced by the contractor at his own cost.
- f) Caution Board of proper size wherever required, shall be provided, as per I.E.E. regulations for which no extra payment will be admissible.
- g) Any repairs done to wall etc. should match with the surrounding surface otherwise same will be got done through Building Contractor at the cost of the Electrical Contractor.
- h) Earthing Installation shall be done in the presence of Engineer-in-Charge or his representative.

- i) The installations should not be energized without adequate earthing.
- j) The I.C. switches and Distribution Fuse Boards shall be provided with neat lettering in block letters with paint for identification of the I.C. switches and for the points connected to each fuse way of the D.B's for which no extra payment will be admissible.
- k) Completion Drawings

The contractor shall be required to submit along with Final bill, the undernoted drawings on tracing papers, along with three copies of Ammonia print each.

1. Plan (as per structural drawing) of each floor (not less than 1:100 metric scale) showing :-

- i) Location of Main Switch Board, Distribution boards (with the circuit numbers controlled by them).
- ii) The runs of mains and submains.
- iii) Location of lights, fans, wall sockets, other power consuming devices together with type of fittings and fixtures including circuit numbers.
- iv) Position of Lightning Conductors and route of running conductor.
- v) Position of Earthing Stations for light and power and Lightning Conductor Installation.
- vi) Following information are to be given on all the drawings :
 - a) Name of work with job no. Accepted Tender No.
 - b) Date of completion
 - c) Name of Place
 - d) Name and Signature of Contractor
 - e) Scale of Drawings.

2 Schematic lines layout diagram of each floor showing (i) Layout and connections of Main and Sub-board, B.D.B. having descriptions of the size, capacity, type and their numbers, the system and the source of supply, (ii) Location, Size, Type, length of main and sub main cables (iii) Loading of each B.D.B. indication of phases, Departmental mark on each B.D.B and switchgear.

The drawings shall be very neatly drawn and submitted properly without folding them.

3. Cable route should be marked on site plan with measurements from permanent structures.

TECHNICAL SPECIFICATION FOR CONDUIT WIRING SYSTEM

1.0 TYPE AND SIZE OF CONDUIT

All conduit pipe shall be screwed type, solid drawn or welded and with black stove enamelled surface or galvanised and of thickness conforming to IS : 9537 Part II of 1981 (or latest revision) in all respects. The conduits are to be free from burrs and internal roughness. No conduits less than 20 mm in dia shall be used, unless specified.

2.0 ACCESSORIES

Only screwed type of accessories are to be used.

3.0 CONDUIT JOINTS

The conduit shall be properly earthed. In long distance straight runs of conduit inspection type screwed couplers are to be provided at reasonable intervals on running threads with couplers and jamnuts. Threads on conduit pipes in all cases shall be between 13 mm to 27 mm long sufficient to accommodate pipes to full threaded portion of couplers or accessories. Cut end of conduit pipes shall have no sharp edges or any burrs left to avoid damage to insulation of conductor while pulling them through such pipes.

4.0 PROTECTION AGAINST DAMPNESS AND RUST

In order to minimise condensation and sweating inside the tube, all outlets of pipes system shall be properly drained and ventilated, but in such a manner as to prevent entry to insects inside the conduit.

To protect against rust the outer surface of the conduit and accessories shall be painted and the bare thread portion is to be painted with anti-corrosive preservative.

5.0 FIXING OF CONDUITS

Conduit pipes shall be fixed by heavy gauge saddles and or fibre/metal fasteners as applicable, secured to wall/ceiling by screws driven into synthetic fibre plugs or rawl plugs or phil plugs at an interval of not more than 76 cm apart for vertical run and 60 cm apart for horizontal run. But on either side of couplers or bend of similar fittings-saddle shall be fixed at a distance of 30 cm from the centre of such fittings. The minimum thickness for saddles shall be 24 SWG for conduits upto 25 mm dia, and 20 SWG for larger sizes.

6.0 BENDS IN CONDUITS

All necessary bends in the system including diversion shall be done by bending the pipes, or by inserting suitable inspection type bends, elbows or similar fittings, or by fixing cast iron inspection boxes whichever is most suitable.

7.0 OUTLETS

All outlets for fittings, switches etc. shall be fixed on boxes of suitable metal for either surface mounting system or flush mounting system. In case of cast iron boxes the wall thickness shall be at least 3 mm and in case of welded mild steel sheet box the wall thickness shall not be less than 16 gauge. Except where otherwise stated 3 mm thick insulated laminated sheets shall be fixed on the front with screws. Where conduits are terminated special care shall be taken in employing double jam nuts, for securely fixing conduits to outlets so as to prevent any possibility of damages to cables when drawn.

8.0 CABLES TO BE USED

Unless stated otherwise only single core FRLS Type PVC insulated cables of approved manufactures shall be used for wiring in conduit system. The number of single core cables drawn in one conduit shall not be greater than maximum set out in Table II of Indian Standard (I.S. 732-1963) Code of Practice (Revised) for electrical wiring installation (system voltage not exceeding 650 volts).

9.0 LOOPING IN SYSTEM

Distribution wiring in conduit to light, fan plug points etc shall be done in looping system. In this system no joints or connections shall be made anywhere of the system except at terminating points such as at terminals of switches, ceiling roses, etc and in case of socket outlets at the socket terminals.

10.0 EARTHING CONTINUITY WIRES

All three pin 6 Amps plug points and metallic fan regulator cover should be provided with earthing attachment by NO. 14 SWG G.I. wires for surface wiring and 1 no. 1.5 Sq.mm PVC insulated copper wire for concealed wiring, unless specified otherwise.

Three pin 16 Amps power plug point should be provided with earthing attachment by No. 14 SWG G.I. wire for surface wiring and 1 no. 2.5 sq.mm PVC insulated copper wire for concealed wiring, unless specified otherwise.

Conduits and accessories for surface distribution wiring should be provided with earthing attachment by 14 SWG G.I. wire, unless specified otherwise.

For looping earthing G.I. wire shall be run on conduits being fixed with saddles. This wire shall not be normally visible after installation when run with the conduit. Where the wire has to be taken without the conduits this will be fixed with 'U' nails at 2' feet intervals.

11.0 PAINTING

Conduit and all conduit fittings and accessories shall be painted with two coats matt paint. Painting of conduits shall be done to harmonize with colour of bearing surface, i.e. wall, joists, trusses etc. after installation and as approved by the Engineer-in-Charge.

TECHNICAL SPECIFICATION FOR CONCEALED CONDUIT WIRING SYSTEM

- 1.0** Concealed conduit wiring system shall comply with all requirements for surface conduit wiring system as specified above and in addition conform to the requirements specified below :

2.0 MAKING OF CHASE

The chase in the wall shall be neatly made and be of ample dimensions to permit the conduit to be fixed in the manner desired.

3.0 FIXING OF CONDUIT IN CHASE

The conduit shall be fixed by means of staples, J-Hooks or by means of saddles not more than 60 cm apart. Fixing of standard bends or elbows shall be avoided as far as possible with a long radius bend which will permit easy drawing in of conductors. All threaded joints of metallic conduits shall be treated with some approved preservative to secure protection against rust.

4.0 INSPECTION BOXES

Suitable inspection boxes shall be provided when necessary to permit periodical inspection and to facilitate removal of wires. These shall be mounted flush with wall.

For longer runs of conduit involving more than one bend, one inspection box/draw-in box shall be used after one bend.

5.0 TYPES OF ACCESSORIES TO BE USED

All outlets such as switches, socket outlets, shall be flush mounting type with cast iron or MS boxes with a cover of approved insulating material. The switches and other outlets shall be mounted on such boxes as would be approved. The metal box shall be efficiently earthed with conduit by means of earthing attachment with suitable size of PVC insulated copper wires, running inside the conduit.

6.0 CONDUITS

- i) Steel-Black enamelled thread type M.S. conduits with thickness conforming to IS 9537 Part II of 1981 (or latest revision) with heavy duty accessories and FRLS type PVC conduits conforming to IS 9537 Part-III of 1981 (or latest revision) with PVC accessories shall be used as applicable and specified in BOQ.

For roof slabs - These shall be pre-laid during casting of floor/roof slab. No. of wires drawn through the same shall not exceed the number of specified I.S. Code.

For vertical drops in wall to switch boards - Minimum size shall be 20 mm.

- ii) Maximum capacity of conduits for drawing in of PVC insulated cables shall be as follows :

	650/1100V PVC copper wire	In 20 mm dia conduit		In 25 mm dia conduit		In 32 mm dia conduit							
	1.5 sq.mm	4 Nos		8 Nos		12 Nos							
	2.5 sq.mm	3 Nos		6 Nos		10 Nos							
	4.0 sq.mm	2 Nos		6 Nos		8 Nos							
	6.0 sq.mm	-		5 Nos		7 Nos							
	10.0 sq.mm	-		3 Nos		5 Nos							
	Maximum number of PVC insulated 650/1100V grade aluminium/copper conductor cable are as per CPWD General Specification of Electrical Works Part-I (Internal), Page 41, 1994.												
	<u>TABLE-I</u>												
	Maximum number of PVC insulated 650/1100V grade aluminium/copper conductor cable conforming to IS 694-1990												
	Nominal Cross	20 mm		25 mm		32 mm		38 mm		51 mm		64 mm	
	Sectional Area of	S		S		S		S		S		S	
	Conductor in sq.mm												
	1.50	5	4	10	8	18	12	-	-	-	-	-	
	2.50	5	3	8	6	12	10	-	-	-	-	-	
	4	3	2	6	5	10	8	-	-	-	-	-	
	6	2	-	5	4	8	7	-	-	-	-	-	
	10	2	-	4	3	6	5	8	6	-	-	-	
	16	-	-	2	2	3	3	6	5	10	7	12	8
	25	-	-	-	-	3	2	5	3	8	6	9	7
	35	-	-	-	-	-	-	3	2	6	5	8	6
	50	-	-	-	-	-	-	-	-	5	3	6	5
	70	-	-	-	-	-	-	-	-	4	3	5	4
	Note :	1.	The above tables shows the maximum capacity of conduits for a simultaneous drawing in of cables.										
		2.	The columns headed 'S' apply to runs of conduits which have distance not exceeding 4.25 m between draw in boxes and which do not deflect from the straight by an angle of more than 15 degrees. The columns headed 'B' apply to runs of conduit which deflect from the straight by an angle of more than 15 degrees.										
		3.	Conduit sizes are the nominal external diameters.										

7.0 FISH WIRE

18 SWG GI wire shall be used and it shall protrude the conduit ends by 9 inches.

8.0 CONDUIT LAYING IN FLOOR/ROOF SLABS BEFORE CASTING

PVC/Polythene/GI conduit shall be laid straight as far as practicable and properly placed including binding with the steel reinforcement rods with 22 SWG GI wire so that proper positions of conduits are maintained.

While laying the conduits for concealed wiring in the ceiling or in the beams and columns and before casting, the contractor shall ensure that both ends of the conduit are plugged by means of dead-end socket or otherwise so that any foreign matter can not enter the conduit and choke them.

All precaution must be taken while laying the conduits on the slabs, R.C. walls, columns etc. and the contractor shall rectify at his own cost if any defects are found during process of drawing cables through the concealed prelaidd conduits.

Each PVC/polythene conduit shall be provided with protruding length of not less than 9 inches on free end of the conduits.

There shall be no intermediate joints in one straight run of conduit.

All ceiling outlets shall be terminated in a round CI/GI circular box/deep box to suit standard size ceiling rose or/and rectangular C.I./M.S. junction box or Fan Hook Box as the case may be.

It will be mandatory for the contractor to get the layouts approved by the Engineer-in-Charge/Architect when the conduits are laid and bound to steel reinforcement rods, before he can release the work for casting of floor/roof.

9.0 CONDUCTOR BOXES, DRAW-IN-BOXES : JUNCTION BOXES

These shall be constructed from 16 SWG M.S. sheet and have M.S. cover. Minimum size for connector boxes is 6" x 4" and for Draw-in-Boxes 4" x 4" where steel conduits as used and it shall be M S or PVC with bakelite cover (3 mm thick) with PVC conduits wherever specified.

10.0 FAN HOOK BOXES

These shall be 100 mm (4") dia x 75 mm (3") deep, constructed from 16 SWG M.S. sheet, and provided with one 12 mm dia M.S. rod 300 mm (12" long).

11.0 PAINTING

Outside of wall switch boards, connector boxes & draw-in-boxes and other C.I./M.S. accessories shall be painted with two coats of anti-rust paint in addition to other painting instruction given elsewhere.

TECHNICAL SPECIFICATION FOR CABLE INSTALLATIONS

1.0 GENERAL

All HV Cables (upto 33 KV earthed system) shall be either paper insulated SL type or XLPE insulated aluminium conductor cable conforming to I.S. 692 and I.S. 7098 respectively.

All Medium Voltage and Low Voltage PVC insulated and armored/unarmored cables shall conform to IS 1554 Part-I-1964 and of 1,100 volt grade.

Old and used cables must not be used for installation. Only one make of cable shall be used. All cables brought to site must be tested and got approved by the Engineer-in-Charge before these can be laid. The cables shall be despatched to site on wooden drums with ends sealed. Exact lengths shall be determined by the Contractor after measurement at site.

The underground installation of cables shall be generally conforming to I.S. 1255-1967, Code of Practice for installation and maintenance of underground cables (upto including 33 KV).

2.0 LAYING OF CABLES

a) Direct in Ground

Trenches shall be 750 mm deep (minimum) for LT Cables and 1.2 M (4'-0") deep minimum) for HT Cables from ground level and trenching work shall include all pumping and bailing out water. These trenches shall be wide enough to accommodate all the cables with brick separations as per the requirements specified in the relevant I.S.

When more than one multicore cable is to be laid in the same trench, a minimum horizontal interaxial spacing between cables will be as per relevant I.S.

After excavation of the trench of proper size, the bottom of the trench shall be dressed and levelled and filled with a 75 mm layer of fine sand. The cable shall then be laid with bricks on both sides of the cable continuously. After having the space within the bricks, filled and packed upto a level of 75 mm (3") above top of cable with fine sand, the top layer of bricks shall be placed side by side in continuous series as protective cover. Total No. of bricks required being 16 per metre run. The remainder of the trench shall be filled with riddled soil, well rammed and watered to a level of 75 mm (3") above surrounding ground level. The ground level surface of the whole trench route shall be restored properly after completion of cable laying.

b) Inside Building

Cables shall be laid on walls/ceiling/structure, unless specified otherwise, with M.S. brackets and suitable clamps or over claw type aluminium cleats fixed on M.S. brackets, spaced not more than 450 mm apart. G.I Bolts of suitable sizes are to be grouted on the wall properly for fixing the brackets.

- c) Minimum bending radius permissible is 12D for MV Cables and 20D for HV cables. At joints and terminations, the individual core of multicore cables should never be bent so that the radius is less than 15 times the diameter over the insulation.

No cable jointing is allowed between two terminal points.

3.0 CABLE JOINTING

All cable joints shall be carried out by experienced and Licenced jointers under strict supervision. Electro plated brass cable glands, aluminium/tinned copper cable sockets and approved jointing materials must be used. The price for cable jointing and finishing the ends of the cable shall include all materials and shall also provide for tools and plants for the work. The cable armouring is to be properly terminated. All cable accessories and other associated materials shall conform to Indian Standard Specification where applicable. Proper earthing of cable glands and armouring shall be included in the job.

4.0 TESTING OF CABLES

All cables shall be tested for insulation resistance with megger - 5,000V constant pressure megger insulation tester for HT Cables and 1,000 V constant pressure megger for MV Cables, before installation.

After installation and end termination, the cables shall be again subjected to the above test. Insulation value for HT Cables shall not be less than 100 megohms and for MV Cables 1.0 megohm.

After laying and jointing, the HV Cables shall be subjected to high voltage pressure test before commissioning, the test voltage being as specified in I.S.1255-1967 or latest.

5.0 TESTING OF INSTALLATION

Before the completed installation is put into service or handed over to Bank, the installation is to be subjected to the above tests to the satisfaction of the Engineer-in-Charge. The completed work will be taken over only if the results are acceptable to the Architects/Bank.

TECHNICAL SPECIFICATION FOR EARTHING INSTALLATION

The installation shall generally conform to IS 3043 - Indian Standard Code of Practice for Earthing, as amended upto date.

1.0 EARTHING

a) Pipe Electrode

The earthing electrode shall be galvanised steel pipe of Class B medium quality - 50 mm (2") dia bore and 3.04 M (10') long. A hole shall be provided at 100 mm (4") from the top end to receive a 13 mm (1/2") dia galvanised bolt and the bottom end shall be chisel cut for easy penetration into soil.

A suitable trench shall be excavated about 0.45 M (1'-6") deep and the pipe electrode driven to an average depth of 3.35 M (11'-0") below ground level. The top end of the electrode shall be at an average depth of 0.30 M (1'-0") below the ground surface.

Alternate layers of Charcoal or Salt and Coke to be provided for Electrode as per I.S. Code of Practice unless specified otherwise.

One no. 6 SWG G.I. wire (unless otherwise specified) shall be connected securely on the properly cleaned surface at the top end of pipe electrode by means of a 100 mm (4") long x 13 mm (1/2") dia G.I. bolts, double nuts and double washers. The earth lead conductor shall be protected mechanically by means of a continuous length of G.I. pipe (Class A) having 13 mm (1/2") inside diameter upto a height of 0.60 M (2'-0") above ground and the same shall be completely filled with bitumen compound and topped upto overflowing.

b) Plate Electrode

Where plate electrode for earthing is to be employed, the size of the plate shall not be less than 0.6 m x 0.6 m x 6.3 mm thickness for G.I plate and 0.6 m x 0.6 m x 3.15 mm thickness in case of copper plate.

The plate shall be buried vertically with the top at a minimum of 4.0 M below the ground level for sandy soil and 2.0 M below the ground level for normal soil. In order to place the same at the prescribed depth, the dimension of pit to be excavated shall be 0.9 m x 0.9 m x 3 M deep. The plate shall be placed in position by the contractor only after the inspection of excavated pit and approval is obtained from the Architect/Engineer.

One no. 50 mm x 6 mm G.I flat (for electrical installation) or one no. 25 mm x 6 mm GI flat (for Lighting conductor) should be connected to the plate at two points by means of 65 mm long 12 mm dia galv bolts, nuts and galv washers. In case of copper plate copper flat of not less than 32 mm x 6.0 mm shall be used as the earth lead. Brass bolts, nuts and washers shall be used for fixing. All other details shall be in accordance with IS 3043-1987. No joint on the earth lead conductor is permitted. Every care be taken to ensure that the ends of the wire/flats have been securely clamped by the bolt on cleaned surface of the plate and established a good electrical contact.

After placing the plate the earth lead conductor shall be protected by means of a continuous length of G.I pipe (Class-B) having 50 mm dia bore or depending upon the size of the lead, right from the plate upto a height of 0.60 metre (2 ft) above ground level. The whole length of pipe shall be filled with bituminous compound of approved make and brand. The molten compound shall be poured from the top end the pipe and topped upto overflowing.

The plate electrode shall have a 50 mm galvanized iron water pipe buried vertically and adjacent to the electrode and reaching upto the center of the plate. The upper end of the pipe shall be atleast 5 cm above the bottom of the inspection pit and with wire mesh, funnel, etc as per IS specification.

2.0 MASONRY INSPECTION PIT

The inspection pit for the earth station shall be approx 0.56 M x 0.56 M (1'-10"x1'-10") outside dimensions and approx 0.45 M (1'-6") deep when completed, having 5" thick cement brick work with 1st class bricks in cement mortar (6:1) both inside and outside plastered 19 mm (3/4") thick and neatly cemented 1.60 mm (1/16") thick, both inside, outside and top. The opening on top shall be provided with a C.I. ring with lockable cover fixed flush with ground surface.

All the excavations shall be duly back filled, dressed and rammed.

3.0 LOCATION FOR EARTH ELECTRODES

Electrodes shall be buried at least 2 M (6'-6") away from the building pole or object to be earthed. However, earthing electrodes for L.C. installations should be as close to the down conductors as possible.

Electrodes, when installed in parallel, shall not be placed less than 2 M (6'-6") apart and preferably placed at distances greater than twice their lengths.

4.0 EARTH BUSBAR

a) Galvanised M.S. Flat

The busbar shall be of suitable size and length, as specified in the Schedule of Items, heavily galvanised and having adequate number of drilled and tapped holes 30 mm apart, complete with G.I. bolts, nuts, washers for securely connecting the earth leads and earth continuity conductors. The busbar shall be fixed on wall, having clearance of 6 mm from wall with spacing insulators with at least 13 mm (1/2") G.I. rag bolts spaced about 0.46 M (1'-6") apart.

b) Copper Flats :

To be used, as specified, in the Schedule of Items, where earthing requirements are more stringent. Brass bolts, nuts washers shall be used for connections.

5.0 VALUE OF EARTH RESISTANCE

In case of installations where the load does not exceed 5 K.W. the resistance to earth shall on no account exceed 5 ohms. Where the load exceeds 5 K.W. the resistance shall not exceed 1 ohm.

For sub-stations, the value is 1 ohm.

For L.C. installations, the value is 1 ohm.

LIST OF MATERIALS OF APPROVED MAKES/BRAND

The contractor shall use materials in their works subject to inspection prior to despatch, by Bank or his authorised representative of any materials, as deemed necessary in accordance with the following list. All materials not otherwise specified shall be in accordance with the latest Indian Standard Specification, where such exists and subject to prior approval of Bank/Architect. The contractor shall be bound to offer sample of materials, which are claimed to be conforming to I S Specifications, for testing at an approved Test Laboratory as and when directed by Bank/Architect.

Contractor shall purchase all materials from the makers or their authorized stockists only. Necessary documentary evidences must be produced to the Bank or their authorised representative on demand. Contractor shall be bound to supply items of any make of the items as per the choice of the Bank/Architect.

Sl.No	Description	Make
1.	L T Switch Board Panel	: Locally fabricated with all components from SIEMENS/L&T/GE/ABB/Schneider
2.	CFS/Switch Fuse with HRC fuses	: L&T/SIEMENS/GE/ABB/Schneider
3.	Changeover switch	: ABB/ L&T /Siemens /GE Powers /Schneider/Legrand/HPL/INDO ASIAN/ Socomac/ Hager
4.	MCCB and Accessories	: L&T/ABB/Siemens/Schneider/Legrand/GE Powers/Indo Asian /C&S/Hager
5.	MCCB/MCB Distribution Board	: Legrand/SIEMENS/HAGER/Schneider/ABB/Indo Asian/ C&S/HPL
6.	RCBO, MCB & MCB Isolator	: Legrand/SIEMENS/HAGER/Schneider/ABB/Indo Asian/ C&S/HPL
7.	Current Transformers	: AE/KAPPA/SEGC/L & T
8.	KWH Meter : Analogic Mechanical	: GE /IMP /ABB /LANDIS GYR /JAIPUR/ CAPITAL/HPL
9.	Ammeter & Volt Meter (Analog)	: AE/IMP/MECO/ENERCON/L & T/Rishabh
10.	Selector Switch for Volt-meter/Ammeter	: Kaycee/L & T/Siemens
11.	Contactors and Timer (Modular Type)	: Legrand / SIEMENS
12.	PVC Terminals	: ESSEN/ELMEX/L&T

13	1.1	KV grade	PVC/XLPE	:	CCI / INCAB / Gloster / Polycab / Skytone /
		aluminium/copper	conductor		KEI/National/Paramount/RR Kabel
		cable (armoured/unarmoured)			

Sl.No.	Description	Make
14.	1100V grade PVC insulated and sheathed and PVC insulated copper conductor wire/flexible wire	: Polycab / Skytone / KEI / Finolex / L&T/RR KABEL/Havells/Anchor/National
15.	Telephone Wire	: RR-KABEL / FINOLEX / DELTON / POLYCAB/KEI
16.	Cable Lag	: Dowells/Comet/Braco
17.	Cable Gland	: Dowells/Comet/Braco
18.	Steel Conduit (ISI marked) Black enamelled/galvanised	: BEC/NIC/AKG
19.	PVC Conduits (MMS)/Channels and accessories	: BEC/AKG/Precision/Polycab/CAP
20.	G I Pipe	: TATA/ITC/BST/Zindal
21.	Ceiling Rose (3 Plate)	: Anchor/Precision/SSK/Rider
22.	15 Amp/5 Amp Piano Key type switch and flushed type plug socket and mounting accessories	: Anchor/SSK/PRECISION
23.	20A, 2 Pin and scrapping earth type switch socket and plug socket	: Legrand/MK/Havell's/ABB/L T/Schneider/Anchor &
24.	Holder	: Kay/MMP/EPP/Anchor/Precision/SSK
25.	Modular Type Switch/Socket/ M.S box/plate	: Legrand /MK/ Crabtree/North West/Schneider/ABB/Anchor/Indo Asian/Havells
26.	RJ-11 Socket Outlet (Modular)	: Legrand /MK/ Crabtree/North West/Schneider/ABB/Anchor/Indo Asian/Havells
27.	Indication Lamp (LED Type)	: Legrand/L&T/Siemens/Vaishno
28.	Buzzer/Call Bell	: Bajaj/Anchor/ Crabtree
29.	Bulk Head Light Fittings	: Philips/GEC/Crompton/Bajaj
30.	LED Light Fittings	: Philips/Wipro/Jaquar/Bajaj/Havells/Crompton
31.	Cable Tray and Accessories	: Cablofil (Legrand)

32.	Scrapped earth type socket	: Legrand/ABB/Schneider
33.	Contactor type DOL/Star-Delta Starter	: SIEMENS/L&T/CROMPTON GREAVES/GE
34.	Paint	: Shalimar Paint Colour & Varnish Co Ltd/Jenson & Nicholson (I) Ltd/ British Paint (I) Ltd/ Berger/Asian
35.	Power factor Microprocessor Controller	: BLR CXD BELUK/Trinity/Schneider/L&T
36.	Capacitors HPP heavy duty	: L&T/Neptune/Schneider/Siemens/ABB
37.	Surge Protection Device	: OBO Bettermen/Schneider/ABB

NOTES TO SCHEDULE OF ITEMS

1.	Tenderers shall include in their rates quoted charges for preliminary and general items required for the execution of work such as tools and plant, workman's shed, temporary offices, clearing, site, scaffolding upto required height etc. The description of each item shall, unless otherwise stated be held to include conveyance and delivery, unloading, storing, fabrication, hoisting, all labour and finishing to required shape and size, setting, fitting and fixing in position, straight cutting and waste, return of packings, overheads, profits and other incidental charges. All measurements of cutting shall unless otherwise stated, be held to include the consequent waste.
2.	The rates quoted by the Contractor should cover for work at any height for all the items of work under this contract. List of materials will not form a criterion for any extra payment, unless otherwise stated in the particular item.
	In the event of arithmetical error/errors being discovered in the contractor's tender, the rates mentioned in words in the Tender copy marked 'Original' will only be taken as bonafide.
3.	Contractor should note that the tender is strictly on item rate basis and their attention is drawn to the fact that their rates for each and every item should be correct, workable and self supporting. If called upon by the Architects/Bank detailed analysis of any or all rates shall be submitted. The Architects/Bank shall not be bound to recognise Contractor's analysis.
4.	Contractors should note that their rates should be inclusive of all attendance on their sub-contractors and also for making good any holes and chases left by the sub-contractors before the builders' work is completed.
5.	The contractor shall be responsible for procuring all required materials sufficiently in advance and see that the work is never hindered for want of materials or due to any other reason including skilled labour or restrictions.
6.	6. The contractor shall have to carry out all connected work within the boundary of the proposed work and inside the building if ordered to do so by the Architect/Bank at the rates quoted in the Schedule of Items.
7.	The contractor is to study architectural and electrical drawings before commencing any work. In case of discrepancy the contractor must report to the Architect/Bank immediately and shall get the same rectified before proceeding on.
8.	The rates quoted for installation work shall include the necessary requirements of Indian Electricity Act and Rules as well as NEC in force at the time of carrying out work.
9.	All materials which shall be used in the work shall be as per specifications and must be from the list of the approved materials as mentioned in the specifications. Samples of materials proposed to be used shall be submitted for approval and nothing shall be used which are not approved. Employer have got right to select any "make" of the app[roved list and tenderer shall have to supplying the same without any price implication.

10. Workmanship of panels, installation of cables, etc should be proper.

11. Distribution Boards of reputed manufacturers specified in the list should be used instead of locally fabricated ones.
12. Cables wherever laid in trenches should be arranged in proper formation and preferably with minimum axial spacing of 150 mm between the cables.
13. On one and the same control board two circuits of two phases from the same T.P. Distribution Board should not be brought.
14. The rates for service connection charges include the cost of metering connection of PVC cables, Cable sockets, etc.
15. Distribution wiring shall include circuit wiring. No extra payment shall be made for circuit wiring.
16. Rates quoted for point wiring of PVC wires on surface shall include cost of switches, three plate ceiling roses etc. on wooden board or partly concealed as stated in the Schedule of Items including earthing. No extra cost for switches, ceiling roses, boards etc. shall be allowed.
17. Rates for conduit/pipe laying in roof/floor slab before casting shall include the cost of conduits/pipes, junction boxes, bends, circular boxes, deep boxes, etc as necessary. No extra cost for the above shall be allowed.
18. Rates quoted for point wiring in surface conduit/concealed conduit will include switches, etc on M.S Board, three plate ceiling roses, circular boxes, deep boxes, junction boxes etc as specified and as necessary including earthing. No extra cost for switches, ceiling roses, boards etc. shall be allowed.
19. The rates for erection of ceiling fan and fluorescent fittings must include the cost of supplying down rod as necessary and flexible wire, connection charges, earthing of fans and metallic fixtures, fixing of Resistance type/Electronic type regulator as necessary and testing etc. If necessary fans with down rod and fittings may be supplied by the Bank.
20. The rates for plug socket point wiring shall include the cost of socket-outlet, plug top and control switch in box and necessary connection charge including earthing as specified.
21. The rates for fittings shall include cost of supply and fixing of fittings, lamps, etc. and connection and testing charge.
22. The rates for cable-laying shall include the cost of cable trenches with tiles, sands etc. and also the cost of saddle clamp (in case of surface wiring), providing G.I. pipes under road-crossing, drain, etc. necessary clamps etc.
23. The rates for cable jointing shall include the cost of labour and materials include gland, cable box clamp, etc and armour/gland- earthing suitably as specified.
24. The rates for cable connection charges include the cost of making connection of cables, cable sockets etc wherever required.
25. Cost of Danger board/Caution Notice shall be included in the testing, commission item.

Signature and seal of the bidder

26. The rates for earthing shall include the cost of jointing earthwire with busbar by means of cable sockets, etc. and cost of earthing with specified earthwire. No deviation from the specification for earthing work including earth stations will be accepted. Cost of required Caution Notices should be included in the rates of earthing.
27. Tenderer shall note that the light fittings, ceiling fans, exhaust fans etc to be used in bulk quantities shall be supplied by the purchaser as "free issue" for installation/execution purposes at one point at site. All the subsequent strong, security, protection installation/erection, testing/commissioning will be within the scope of the successful tenderer till the entire installation is handed over to the purchaser. Tenderer shall include all the necessary cost for the above and no extra cost will be paid on this account.
28. Stronging and protection of all materials at site till erection, commissioning and handing over shall be at the responsibility of successful tenderer without any extra cost.
29. The wiring includes painting of installations with two coats of approved paints, and painting should match with the interior decoration of wall and ceiling. No extra charge for painting shall be entertained.
30. General spirit of the technical specification and method of measurement shall be as laid down in the latest edition of I.S. Code of Practice and stipulated in I.E. Rules. Rates quoted for all items shall include for the cost of supplying, laying and materials fixing and/or erection complete with all the appliances necessary for the proper execution and carrying out of the work to the truest sense of drawing and specification though this may not be mentioned in particular item of work in the Schedule of Items.