

SBI INFRA MANAGEMENT SOLUTIONS PVT.LTD. STATE BANK OF INDIA, CIRCLE OFFICE KOLKATA, SAMBRIDDHI BHAWAN, 1, STRAND ROAD, KOLKATA- 700001

SBIIMS INVITE ONLINE e-TENDERS ON BEHALF OF SBI

FOR

SUPPLY OF UPS ALONGWITH SMF BATTERIES AT

STATE BANK INSTITUTE OF LEARNING AND DEVELOPMENT(SBILD) SILIGURI

FROM

EMPANELED LIST OF VEDNORS OF ORIGINAL EQUIPMENT MANUFACTURERS (OEM's) OF UPS SYSTEMS 2014

TENDER ID: KOL201905 009	
1. START DATE & TIME OF SUBMISSION OF TECHNICAL & PRICE BID-	13.05.2019 FROM 11.00 A.M
2. END DATE & TIME OF SUBMISSION OF BID	27.05.2019 UP TO 3.00 P.M
3. DATE AND TIME OF OPENING OF TECH BID:	27.05.2019 at 4:30 PM
4. DATE AND TIME OF OPENING OF PRICE BID:	27.05.2019 at 5:00 PM

Tender Submitted By :		
Name of Vendor:	Address of Vendor :	
GST No. of Vendor	Date :	

NOTE: PLEASE SUBMIT TENDER APPLICATION FEE (TDC) THROUGH ONLINE MODE ONLY AS MENTIONED IN 2^{ND} PAGE OF THIS NIT. TDC IN FORM OF DD WILL NOT BE ACCEPTED. SUCH TENDERS WITH-OUT ONLINE PAYMENT RECEIPT WILL BE REJECTED

NOTICE INVITING e-TENDERS

SBIIMS invites item rate e-Tenders in two bid systems from Bank's EMPANELMENT OF ORIGINAL EQUIPMENT MANUFACTURERS (OEM's) OF UPS SYSTEMS 2014 for SUPPLY OF UPS ALONGWITH SMF BATTERIES AT STATE BANK INSTITUTE OF LEARNING AND DEVELOPMENT(SBILD) SILIGURI through online e-Tendering System portal https://etender.sbi Details of the e-Tender are as under:

1.	Name of the Work	SUPPLY OF UPS ALONGWITH SMF BATTERIES AT STATE BANK INSTITUTE OF LEARNING AND DEVELOPMENT(SBILD) SILIGURI
2.	Estimated Cost :	Rs. 7,00,000.00 (Rupees Seven Lacs Only). Approximate (Excluding GST)
3.	Time allowed for completion :	28 days from date of issue of work order or date of handing over the site for execution of work whichever is later.
4.	Tender Documents Cost (TDC)	Fee Rs. 1,000/- (Rupees Two Thousand Only) to be credited through STATE BANK COLLECT (SB Collect an efficient MIS report generation tool) only. The steps involved in making the payment is provided at Annexure-A. The receipt generated with reference no. to be submitted along with Technical bid. GST number of contractor to be mentioned on it. (TDC is nonrefundable) NOTE: PLEASE SUBMIT TENDER APPLICATION FEE (TDC)
		THROUGH ONLINE MODE ONLY AS MENTIONED. TDC IN FORM OF DD WILL NOT BE ACCEPTED. SUCH TENDERS WITH-OUT ONLINE PAYMENT RECEIPT WILL BE REJECTED
5.	Earnest Money Deposit	Rs. 7,000.00 (Rupees Seven Thousand only) in form of Demand Draft (Valid for a period of 90 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favour of SBI Infra Management solutions Pvt. Ltd. Payable at Kolkata should submit at the office of: Vice President & Circle Head SBI Infra Management Solutions Pvt. Ltd. Circle Office Kolkata, D Block, 9 th Floor, Sambriddhi Bhawan, 1, Strand Road, Kolkata – 700001
		before the date of tender (Technical Bid) opening. In case the EMD is not received within the aforesaid period, the bid will be out rightly rejected.
6.	Validity of Tenders :	90 days from the date of opening of Price-bid (Subject to further extension)
7.	Availability of Tender: Documents	

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8.	ARCHITECT NAME :	NA
9.	Initial Security Deposit :	2% of contract amount including EMD
10.	Total Security deposit :	5% of the final bill amount including ISD.
11.	Start Date & Time of: submission of technical & Price bid-	From 11:00 AM on 13.05.2019
12	Last date of submission of technical & Price bid Including EMD & Tender Cost & Cover-!	Upto 3:00 PM on 27.05.2019
13	Date and time of opening of technical bid (EMD + Technical Bid)	27.05.2019 at 4.00 PM In Case of Tender Opening date is declared as holiday, the tender will open in the next working day at the same time.
13a		 Scanned copy of duly sealed and signed NIT with duly filled Commercial checklist and Technical specification Scanned copy of Valid Trade License. Scanned copy of Income tax return for year 2016, 2017 and 2018. Scanned copy of Annual Turn-over. Experience details/ work completed of similar type. Scanned copy of PAN and GST details.
14.	Date and time of opening of: Price Bid	27.05.2019 at 4.30 PM In Case of Tender Opening date is declared as holiday, the tender will open in the next working day at the same time.
15.	For any details, please contact:	Vice President & Circle Head SBI Infra Management Solutions Pvt. Ltd. Circle Office Kolkata, Sambriddhi Bhawan, 1, Strand Road, Kolkata – 700001.
16.	For e-Tender related queries :	Service provider: M/s. E-procurement Technologies Limited (abc procurement/ Auction Tiger) B-705, Wall Street- II, Opp. Orient Club, Ellis Bridge, Near Gujarat College, Ahmedabad- 380006, Gujarat Help Desk: Contact Persons: Geeta Goutam, M: +91 6354919566 T: +91 7968136814 Email:geeta@auctiontiger.net

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		Sujith Nair (Shark ID – ~SUJITHN) Sr. Executive – Implementation & Support e-Procurement Technologies Limited Contact: sujith@eptl.in Phone: +91-79-68136857 6863 6835 6829 6831 6840 (Mon-Fri working Hours 10 AM to 7 PM) (Sat working hours 10AM to 4PM)				
17.	Liquidated Damages	: 0.50% of contract amount per week subject to max. 5% of contract value or final bill value.				
18.	Defects liability period	: 12 Months from the date of Virtual Completion				
	Value of Interim Certificate Corrigendum	No advance on materials / plant / machinery or mobilization advance shall be paid under any circumstances Corrigendum (If any) to be followed as per publication in				
		https://etender.sbi only				
		IMPORTANT NOTES				
a)	All vendors who are Authorized the above mentioned work.	d dealers/ OEM of above mentioned brands are only eligible for				
b)	Any abnormal increase from the	quoted price / cost will not be accepted.				
c)	Electronically Sealed e-Tenders are invited from the Authorized dealers/ OEM vendors of mentioned brands in two parts are to be submitted online through the following website: https://etender.sbi					
	** No bid shall be accepted offline.					
	(a)Part – I (Technical Bid + EMD): Technical Bid already available in of-line mode & EMD as stated above.					
	(b) Part – II (Price Bid): This shall contain the Electronic format of Price Bid. No condition/stipulation in this part other than unconditional general rebate shall be accepted.					
	Part – II (Price Bid) of those bidders will be opened who would be L1 in the e-reverse auction process. The contractors can view the Tender Opening Details through their respective login IDs on the above mentioned e-tender portal (Website).					
d)	The Bidder is expected to examine all instructions, forms, terms and specifications in the bid documents. Failure to furnish all information required as per the Bid Documents or submission of bids not substantially responsive to the Bid Documents in every respect will be at the bidder's risk and shall result in rejection of the bid.					
e)	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. Again, corrigendum, if any, are to be followed from _" <a ."="" href="https://etender.sbi">https://etender.sbi ".					
f)	No conditions other than mentioned in the tender will be considered, and if given they will have to be withdrawn before opening of the price-bid.					
g)		and Cost of Tender Documents shall be summarily rejected, and d to participate in the online price bidding process.				

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h)	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.
i)	SBIIMS Pvt. Ltd. has the right to accept / reject any / all tenders without assigning any reasons and no correspondence shall be entertained in this regard.
j)	Rates quoted shall be inclusive of all costs, carriage, allowances, Levies, VAT, etc. but excludes Service Tax/GST. However, Service Tax/GST will be paid extra by the Bank on production of Service Tax/GST Registration document and on claim as per prevailing rate.
k)	Rates shall be quoted in both figures and words. In case of any discrepancy (ies) in the rate quoted in figures and words and in the amount, the rate quoted in words will be considered.
l)	Contractors shall provide all labor and materials, tool and tackles including necessary scaffolding for proper execution of the work, including curing etc.
m)	5% of the value of the executed work including EMD and ISD will be retained as Security Deposit and will be refunded on satisfactory completion of free maintenance period, i.e. 12 (twelve) months from the date of completion of work. No interest shall be payable.
n)	Rates quoted shall be inclusive of providing necessary arrangements for satisfactory protection of furniture/flooring/electrical fittings/Bank's any other property during execution of the work.
o)	Rates shall be inclusive of cost for disposing debris and any other unserviceable materials as per direction and inconformity with the Local or any other authority (ies) rules.
p)	Rates shall be inclusive of cleaning of floors, making good to damaged floor, ceiling, walls, etc., after completion of work.
q)	In case of any poor quality of work or substandard materials used for the purpose, shall be replaced as per instructions without any extra cost.

Vice President & Circle Head SBI Infra Management Solution Pvt. Ltd (For & behalf of State Bank)

ELIGIBILTY CRITERIA FOR PRE-QUALIFICATIONS

SUPPLY AND INSTALLATION OF UPS SYSTEM WITH BATTERIES: FOR STATE BANK INSTITUTE OF LEARNING & DEVELOPMENT, SILIGURI

SBIIMS on behalf of State Bank of India (SBI) invites sealed tenders under two bid systems from the Bank's **EMPANELMENT OF ORIGINAL EQUIPMENT MANUFACTURERS (OEM's) OF UPS SYSTEMS 2014** for supply and Installation of UPS system with SMF batteries for State Bank Institute of Learning and Development, Siliguri. Details for pre-qualifications of vendors are as under:

- Experience of having successfully completed similar works* during last 7 years ending 31.03.2019 should be either of the following: -
 - (a) At least **Three** similar completed works costing not less 2.8 Lacs than the amount equal to 40% of the estimated cost (7.0 lacs)

or

b) At least **Two** similar completed works costing not less than 3.5 Lacs the amount equal to 50% of estimated cost (7.0 lacs)

or

c) At least **One** similar completed work costing not less than 5.6 Lacs the amount equal to 80% of estimated cost (7.0 lacs)

Similar works means: Supply and installation of UPS system work for buildings belonging to State /

Central Govt./ PSUs/ Public Sector Financial Institutions/ reputed MNC/ Reputed hospitals.)

- Average annual financial turnover of vendor during last 3 years (2017-18, 2016-17, 2015-16) should be at least equal to **30% of the estimated cost.** (Please enclose Audited, Profit & Loss Account and Balance Sheet for the year ending March-2016, March-2017 & March 2018 for turn over)
- 3 Vendor shall have valid PAN No, Goods & Service Tax No (copy of GST must be enclosed),
- 4 Vendor must have valid Trade License.
- Income tax return for last three years (2017-18, 2016-17, 2015-16) must be furnished.
- The self-attested soft copy of the above-mentioned documents as mentioned in eligibility criteria S. No. 1-5 and the scanned copy of earnest money deposit (EMD), Tender Document cost TDC along with NIT and duly filled Technical Specification are to be uploaded in the e-tender portal.

The indicative Price bid will also be uploaded through **e-tendering** mode. The technically qualified bidders only be eligible for participating in the e-reverse auction process. Vendor must have valid digital signature certificate for online participating in the e-tendering and e-reverse auction.

TERMS & CONDITIONS OF E-TENDERING:

SBIIMS PVT. LTD. shall finalize the Tender through e-tendering mode for which M/s. e-Procurement Technology, will been engaged by SBIIMS. Please go through the guidelines given below and submit your acceptance to the same along with your Commercial Bid.

- 2. E-tendering shall be conducted by SBIIMS through M/s. e-Procurement Technology, on prespecified date. While the Contractors shall be quoting from their own offices/ place of their choice, Internet connectivity and other paraphernalia requirements shall have to be ensured by Contractors themselves. In the event of failure of their Internet connectivity, (due to any reason whatsoever it may be) it is the bidders' responsibility.
- 2. In order to ward-off such contingent situation bidders are requested to make all the necessary arrangements/alternatives such as back—up power supply whatever required so that they are able to circumvent such situation and still be able to participate in the E-tendering successfully. Failure of power at the premises of Contractors during the E-tendering cannot be the cause for not participating in the E-tendering. On account of this the time for the E-tendering cannot be extended and SBIIMS Pvt. Ltd. Is not responsible for such eventualities.
- 1. M/s. e-Procurement Technology, shall arrange to train your nominated person(s), without any cost to you. They shall also explain you all the Rules related to the E-tendering. You are required to give your compliance on it before start of bid process.
- 2. BIDDING CURRENCY AND UNIT OF MEASUREMENT: Bidding will be conducted in Indian currency & unit of measurement will be displayed in online E-tendering.
- 3. BID PRICE: The bidder has to quote the rate as per the tender document provided by SBIIMS Pvt. Ltd. their appointed Architects.
- 4. VALIDITY OF BIDS: The bid price shall be firm for a period specified in the tender document and shall not be subjected to any change whatsoever.
- 5. Procedure of E-tendering:

Online E-tendering:

- (a) The soft copy of the Technical is available on the Bank's website during the period specified in the NIT.
- (b) Online e-tendering is open to the OEM bidders in the respective category.
- (c) The Price-Bid shall be made available online by the Service Provider wherein the contractors will be required to fill-in their Item-wise rates for each item.
- (d) The Contractors are advised not to wait till the last minute to submit their online item- wise quote in the price bid to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.
 - It is mandatory to all the bidders participating in the price bid to quote their rates for each and every item.

- (e) In case, contractor fails to quote their rates for any one or more tender items, their tender shall be treated as "Incomplete Tender" and shall be liable for rejection.
- 6. LOG IN NAME & PASSWORD: Each Bidder is assigned a Unique User Name & Password by **M/s. e-Procurement Technology,** . All bids made from the Login ID given to the bidder will be deemed to have been made by the bidder.
- 7. BIDS PLACED BY BIDDER: Bids will be taken as an offer to execute the work as specified. Bids once made, cannot be cancelled / withdrawn and the Bidder shall be bound to execute the work at the quoted bid price. In case the L-1 Bidder backs out or fail to complete the work as per the rates quoted, SBIIMS shall at liberty to take action as deemed necessary including de-barring such Brand Manufacturers and forfeiting their EMD.
- 8. At the end of the E-tendering/e-reverse auction, SBIIMS Pvt. Ltd. will decide upon the winner. SBIIMS Pvt. Ltd. decision on award of Contract shall be final and binding on all the Bidders.
- 9. SBIIMS shall be at liberty to cancel the E-tendering process/tender at any time, before ordering, without assigning any reason.
- 10. SBIIMS shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
- 11. Other terms and conditions shall be as per your techno-commercial offers and other correspondences till date.

12. OTHER TERMS & CONDITIONS:

- The Bidders shall not involve himself or any of his representatives in Price manipulation of any kind directly or indirectly by communicating with other suppliers/bidders.
- The Bidder shall not divulge either his Bids or any other exclusive details of SBIIMS Pvt. Ltd. to any other party.
- SBIIMS Pvt. Ltd. decision on award of Contract shall be final and binding on all the Bidders.
- SBIIMS Pvt. Ltd. Reserve their rights to extend, reschedule or cancel any E-tendering within its sole discretion
- SBIIMS or its authorized service provider shall not have any liability to Bidders for any interruption or delay in access to the site irrespective of the cause.
- SBIIMS or its authorized service provider is not responsible for any damages, including damages that result from, but are not limited to negligence.

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- SBIIMS or its authorized service provider will not be held responsible for consequential damages, including but not limited to systems problems, inability to use the system, loss of electronic information etc.

N.B.

- All the Bidders are required to submit the Process Compliance Statement (Annexure-II) duly signed to the Service Provider.
- All the bidders are requested to ensure that they have a valid digital signature certificate well in advance to participate in the online event.

PREAMBLE TO BILL OF QUANTITIES & RATES:

Bidders are advised to quote their rates after due consideration of the following pertinent points

- 1. Actual site conditions including working time that would be available to them as per standing rules
- 2. Material access regulations of the building including permission of use of lifts and stairways etc.
- 3. Temporary storage provision of disposable materials arising out of the work
- 4. Security measures and permissions required to be observed and obtained in consultation with the representatives of the landlords and act strictly according to the same.
- 5. Traffic regulations of the City Police in order to organize trouble free access of materials
- 6. The work must be executed in close and effective co-ordination with other executing agencies who shall be working simultaneously
- 7. Any other governing issue or issues likely to have impact on the productions rate and cost of work
- 8. TAXES AND DUTIES The tenderer must include in their tender prices quoted for all duties, royalties, cess, excise, sales tax, work contract tax or any other taxes such as Income Tax deducted to vendor or local charges, as applicable etc. No extra claim on this account will in any case be entertained. However, Goods and Service Tax as per Goods & Service Tax act will be paid on production of Goods and Service Tax Registration Certificate and on claim.
- 9. GOVERNMENT AND LOCAL RULES: The Contractor shall conform to the provisions of all local Bylaws and Act relating to the work and to the Regulations etc. Of the Government and Local Authorities (at A & N Island) and of any Bank with whose system the premises are proposed to be connected. The Contractor shall give all notices required by the said Act, Rules, Regulations and by laws etc. and pay all fees payable to such authority / authorities for execution of the work involved. The cost, if any shall be deemed to have been included in his quoted rates, considering all liabilities for licenses, fees for footpath encroachment and restorations, statutory Clearance etc. and shall defend all actions arising from such claims or liabilities.

SUPPLY AND INSTALLATION OF UPS SYSTEM FOR STATE BANK INSTITUTE OF LEARNING AND DEVELOPMENT (SBILD), SILIGURI

- 1. State Bank of India invites tenders for supply and installation UPS SYSTEM for State Bank Learning and Development Institute, Siliguri. The tendering process is through e-procurement (e-tender followed by e-reverse auction) which will be conducted on our behalf, by an authorized agency. The Bank's Empaneled OEM of UPS System having service facilities in Siliguri are only eligible to participate in the tender.
- 2. Tenderers are required to submit the technical bid & Indicative price bid to the e-tender portal https://etender.sbi with all the relevant documents mentioned in the eligibility criteria.
- 3. The online technical bid will be evaluated, and only eligible vendors will be allowed to participate in the e-reverse auction. The date and time for reverse auction will be intimated to shortlisted vendors.
- 4. The vendors should have valid digital certificate for participating the e-reverse auction.
- 5. Bank reserve the right to make any changes in the location/number of lights fixtures depending on the requirement from time to time.
- 6. Successful vendor should be prepared to supply additional quantities of the light-fixtures at the quoted to the Bank as and when orders are place during the validity period of the tender.
- 7. In case of participating of Authorized dealers, they should enclose a valid authorization letter from the manufacture. **Bids received without authorization letter will be rejected.**
- 8. Earnest Money Deposit (EMD): In the form of DD valid till contract validity period for an amount of Rs. 7,000/- in favor of **SBI Infra Management Solutions Pvt. Ltd**, Circle Office, Kolkata should be submitted in hard copy to the address mentioned in NIT. E-Tenders without EMD will be rejected. EMD will be retained as security deposit and will be returned to the successful tenderer after the contract validity period. EMD of unsuccessful tenderer will be returned and no interest will be paid.
- 9. Tenderer are requested to upload the check list & Technical specification duly filled in as per proforma attached. Incomplete check list & Technical specification may result in rejection of the tender.

10. Tenderer should affix his signature with rubber stamp at the bottom of all the pages of the tender documents.

11. Payment Terms:

- i. No advance is payable.
- ii. On receipt of complete materials with satisfactory test reports at site 80% of cost will be paid within 30 days. 15% after installation testing & commissioning of the fixtures.
- iii. The balance of 5% (Including ISD) of cost will be treated as Retention money deposit which will be released after the defect liability period of 2 year from the date of Supply.
- iv. Retention money will be released on producing a Bank guarantee for an equal sum valid until the expiry of the defect liability period.
- 12. **Initial Security deposit:** ISD @ 2% of the contract value against LOI in the form of DD /TDR /Banker's cheque valid till contract valid period in favor of ASSISTANT GENERAL MANAGER, PREMISES & ESTATE DEPT, SBI, LHO, KOLKATA has to be furnished by the successful tenderer. ISD will be retained towards security deposit and will be returned to the successful tenderer after the defect liability period.
- 13. **Period of Completion:** 21 Days from the date of receipt of order.
- 14. **Liquidated damages for delay in supply:** If the delivery is not done within the stipulated time, a penalty of ½ % of the contracted value per week subject to a ceiling of 5% of contract value will be levied.
- 15. **Packing and Dispatch:** The equipment shall be properly and securely packed in boxes and multiple handling and transportation by sea/ air / rail / road under Indian conditions. All equipment/components shall be delivered at site free of cost in good condition. Materials damaged during transportation/handling shall be replaced free of cost by the vendor.

16. Signing of Contract Agreement:

- a) Agreement on stamp paper: The successful tenderer should enter into formal agreement with Bank on stamp paper (at successful tenderer's cost) as per the Bank's standard format.
- a) The General instructions to the tenderers and special conditions, conditions hereinbefore referred to Conditions of Contract and Technical Specifications enclosed with the tender documents, the subsequent correspondence exchanged between the Bank and the tenderer and the work order placed shall be the basis of the final contract to be entered with the successful tenderer.
- b) The Tenderer shall go through the terms and conditions given in the general conditions of contract herewith and his offer shall be strictly in line with the terms specified therein. No deviation from the terms and conditions specified shall be acceptable. Each page of the tender documents should be signed for his/their having acquainted himself/themselves in the general conditions of contract, Technical specifications, etc.
- c) The tender submitted on behalf of a firm shall be signed by all the partners of the firm or a partner who has the necessary authority on behalf of the firm to enter into the proposed contract. Otherwise the tender may be rejected.

- d) On receipt of intimation from the Bank of the acceptance of his/their tender, the successful tenderer shall be bound to implement the Contract and within 3 days thereof, the successful tenderer shall sign an agreement in accordance with the draft agreement. Notwithstanding the signing of the agreement the written acceptance by the State Bank of India of a tender will constitute a binding agreement between the State Bank of India and the person so tendering, whether such contract is or is not subsequently executed.
- The vendor shall not assign the contract. He shall not sublet any portion of the contract except with the written consent of the Bank. In case of breach of these conditions, the Employer may serve a notice in writing on the vendor rescinding the contract where upon the security deposit shall stand forfeited to the Employer, without prejudice to his other remedies against the Contractor.
- As security against due fulfillment of the terms and obligations of the Contract, Bank reserves the right to take Performance Bank Guarantee for entire contract duration from the successful tenderer in case of low/ abnormally quoted item for successful completion of work within stipulated time. On submission of the above Bank Guarantee for 20% of the contract value, the EMD submitted by the firm will be refunded.
- The quoted rates shall be inclusive of transportation loading un loading, handling over all taxes & duties is excluding GST. The GST will be paid additional and to be indicated separately at the end of price bid.
- h) The dispute arising out of this contract will be sorted out within the jurisdiction of courts situated in KOLKATA only.
- Tenders who do not fulfill all or any of the above conditions or are incomplete in any respect, are liable to summary rejection.
- Corrigendum if required will be published only in the e-tender website i) https://etender.sbi. So, Tenderers are advised to visit the site https://etender.sbi before submitting the tender.
- k) The total order will be placed in phase wise manner (maximum 3phases) and the overall all quantity may vary (+-)10%

I/We hereby declare that I/we have read and understood the above instructions for the guidance of the tenderers.

Place:	Name and Address of
the contractor	
Date:	Signature with Date

and Seal:

COMMERCIAL CHECKLIST

S.No	Description	SBI Terms	Vendor to confirm.
1.	Validity of bids	90 days from the date of opening Price bids.	
2.	EMD	Rs. 13,000/- No interest shall be payable on EMD.	
3.	Prices	Shall remain firm for the entire period of contract.	
4.	Completion period	21 days from the day of receipt of work order.	
5.	Liquidated damages	Rs.0.5% of the contract value per week subject to maximum of 5% of the contract.	
6.	Guarantee	2 years from the date of handing over to the Bank.	
7.	Test Certificate	From NABL Accredited Laboratory before supply.	
8.	Terms of payment	i. On receipt of complete materials with satisfactory test reports at site 80% of cost will be paid within 30 days. 15% after installation, testing & commissioning of the fixtures. ii. The balance of 5% (Including ISD) of cost will be treated as Retention money deposit which will be released after the defect liability period of 2 year from the date of Supply.	
9.	Insurance	Shall include for transit, storage & erection etc.	
10.	Security deposit	5% till end of defect liability period. No interest shall be payable on SD.	
11.	Initial Security deposit	2% of the total contract value against work order. No interest shall be payable on ISD.	
12.	Period of honoring certificate	24 months	

The above terms are accepted by us.	
Signature of the contractor	<u>—</u>
Name of the firm	-
Seal of the firm	

TECHNICAL SPECIFICATIONS/ REQUIREMENTS

ANNEXURE-I

General Terms & conditions for UPS tender

- **a).** The rate quoted shall include all duties, taxes (except GST), levies, transport, transit insurance, loading-unloading etc. No increase in the above is acceptable to the Bank. GST will be paid by the Bank as per GST rules
- **b). Payment Terms:** No advance is payable. On receipt of material complete with all satisfactory test reports at site, installation, testing and commissioning, 95% of cost shall be paid.

(However, in case delivery has been made but installation, testing and commissioning cannot be carried out because the site is not ready, we may consider payment up to 80% of cost. Further 15% shall be paid on completion of installation, testing and commissioning).

Balance 5% of cost shall be treated as Retention Money which will be released after the defect liability period of one year from the time of commissioning the system. Retention money shall be released on producing an acceptable Bank Guarantee for an equal sum valid until the expiry of defect liability period.

- **c).** Delivery and installation schedule from the time of placing order, unless specified otherwise:
- **i). Delivery period:** within 3 weeks for UPS up to 5 KVA, within 4 weeks for UPS from 6 KVA to 20 KVA and 6 weeks for UPS above 25 KVA from the date of receipt of order by the vendor.
- ii). Installation and testing at site & commissioning within 2 weeks from the date of delivery.
- d). Validity (a) 90 days from the time of opening tender
- (b) The rate should be firm for a minimum period of six months, from the date of opening tender. If rates are called for a rate contract /
- **e). Liquidated Damages** for delay in supply & completion attributable to UPS supplier: 0.5% % of the contract value per week subject to a ceiling of 5% of contract value.
- **f).** The rate shall include all interconnecting cables, UPS to Batteries and to Remote indication units etc. However, incoming and outgoing wiring shall be arranged by Bank.
- **g).** Guarantee / Defect Liability Period: The UPS system shall be guaranteed for one year from the date of commissioning or 15 months from the date of delivery whichever is earlier. However, the guarantee for batteries will be 36 months.
- *h). Earnest Money Deposit (EMD): in the form of DD/Banker's cheque of any public-sector bank for an appropriate amount as per Notice inviting tender-in favour of SBI Infra Management Solutions Pvt. Ltd., payable at Kolkata to be specified in the tender document shall be enclosed along with the tender. Tenders not accompanied by EMD shall be summarily rejected.
- i). Arbitration clause: The tenderer is required to accept our standard arbitration clause.

Date:	Accepted / Not accepted
Place:	Applicant's Signature and stamp

ANNEXURE-II

Technical Specifications for 20 KVA on-line UPS systems from

1.	Technology	 a) UPS systems with pulse width modulation (PWM) technology in True On-line Configuration, with double conversion using IGBTs in the Inverter and converter. b) Provision for configuring three or more UPS systems in parallel load sharing mode. Maximum six nos UPS system can be connected in parallel configuration in one cluster. c) The requirement is for fully rated capacity of single module in parallel with similar module sharing the load having provision for adding one or two modules of similar units. Paralleling of UPS should be achieved by paralleling the output on the power side using control logic signal bus. Each UPS should be capable of individually starting, running and feeding to the load apart from parallel operation. Individual battery backup is necessary. Inverters should be synchronized with common by pass supply if required can be connected in parallel for forming N + 1 (Configuration)
2.	Inversion Technique	Adaptive pulse width modulation or sine weighted pulse width modulation with high switching frequency (>12 KHZ for IGBTs).
3.	Input Voltage Range	Three Phase 400 Volts <u>+</u> 15% (for 10 KVA and above) There should be input to output Isolation through an inbuilt/ separate Isolation transformer.
4.	Input frequency	45 Hz to 55 Hz and it should be compatible with D G Set.
5.	Output voltage	380/400/415VAC ± 1% Above for 3Ф I/P &3Ф O/P
6.	Output frequency	50 Hz +/- 4% (Synchronous to mains) 50 Hz +/- 1% (Free running)
7.	Power factor	The UPS shall be provided with Auto input P.F. correction system to obtain P.F. 0.95 to unity when the connected load P.F. varies from 0.6 to unity.
8.	Total Harmonic Distortion (o/p voltage)	< 4% for non-linear load

9.	Total Harmonic Distortion (Input current)	≤ 10% at 50% load. < 5% at full load.				
10	Waveform (output)	Sine Wave				
11	Overload capacity	110% for 10 minutes		During	the test or	actual condition, the
		150% for 1 minute				t get transferred to
						atic switch.
12	Transient response and	For 100% Step load i	.e. fron	n full loa	ad to no lo	ad and no load to full
	voltage recovery time for	load:				
	step load	Dip < 3%				
		Peak < 3% with reco	overy	time wit	thin 3 cyc	les to normal output
4.0		voltage.				
13	Efficiency: It is the ratio of					ncy at % load
	output power in KW of			0% i.e	At 66%	At 33% load
	UPS to the input power to	0.10/4.00.10/4	full lo	ad	000/	000/
	the isolation transformer & UPS with battery	6 KVA-20 KVA	90%	16.41	88%	86%
	disconnected, or, battery	Penalty for lower et				
	charging power added to	be less than the Banl and replacement pa				
	the output.	tolerance is permissib		the tes	or to be t	Dotained. No futilier
	The overall efficiency is	l rolei arice is permissic	л с .			
	found to be less than the					
	Bank's specified value, the					
	UPS is to be rejected and					
	replacement passing the					
	test to be obtained. No					
	further tolerance is					
	permissible.					
14	Rated KVA	The UPS should be o				
		KVA UPS should be	capa	ble to o	deliver 8 l	KW load at 0.8 p.p.
		(output)				
15	Operating Temperature					d KVA at ambient
		temperature from 0 to 45 Degree Celsius.				
		It should also be capable to deliver approx. 80% of rated output at				
40	D 1 6 11 12	50-degree Celsius ambient temperature.				
16	Relative Humidity	Up to 95% at 35-degree Celsius non-condensing				
17	Noise level	At 1 meter from the UPS.				
		≤ 65 decibels (On demand Proto-type test certificate be submitted).				
		∣ (On demand Proto-ty∣	pe test	certifica	ate be sub	mitted).

18	Charger	Built in IGBT based solid state float-cum-boost charger with		
		automatic boost/trickle charge modes with current limiting		
		features. The charger characteristics shall be such as to match the float/boost charging of the batteries as per battery		
		characteristic, for enhancing the life of batteries. The charger		
		should be designed for 2 hours back up period at rated KVA		
19	Crest factor	<u>3:1</u>		
20	Interface facility	The UPS system should have necessary hardware and software		
		with RS-232 port to work on DOS/SCO Unix (open screen)		
		Novell / Network/ Current & advanced window operating system.		
		It should be compatible for connecting to Building Management System.		
		(B) Remote manageability through SNMP facility. There is a		
		facility to monitor and broad cast to server wherever necessary		
		condition such as:		
		i) Power failure, back up time, low battery warming & auto file		
		closure. ii) The software should be capable of automatically closing the		
		files (auto closure feature) in the server so that the data /		
		program files on the server are not lost/ corrupted.		
21	Remote Indication unit	In system/systems Administrator Room with indications like		
	(It may be asked if required	Mains on, Inverter ON / OFF / Faulty / Trip, Battery Low and		
	at site)	static by-pass ON. 25 meters inter connecting cable to be		
22	Protection	included in price quoted. a). Isolation – Separate/ In-built isolation transformer shall be		
	Totoction	provided for isolation transformer for fully isolation from mains		
		and surge / spike suppressors to be incorporated.		
		b). Current limiting protection (Fuse less Electronic). Built in		
		overload / short circuit protection with snubber circuits for current		
		limit. c). Soft start on Inverter and charger arrangement		
		*d). Phase locking mechanism for UPS and mains frequency- for		
		3 phase outputs.		
		e). Over voltage / under voltage protection.		
		*f). Short circuit protection through HRC fuses (high speed) for		
		devices such as IGBTs. g). Short circuit / overload protection through MCB / MCCB.		
		h). All other protection systems required for safety of UPS		
L		system, such as over temperature protection etc.		
23	*I). Thyristor based Static	Bi-directional with change over time less than 10 milliseconds in		
	(Auto) bye-pass switch	free running mode and instantaneous in synchronous mode from		
	10. 44	Inverter to bye-pass and vice-versa		
	II). Manual by-pass switch	Should be provided.		
24	Indications	a). Mains ON with phase indication for single phase / 3 phase		
		separately for all the phases. b). Inverter ON / OFF / FAULTY / TRIP (Reason)		
		c). Battery Low		
		d). Static by-pass ON		
		e). Over temperature		
		f). Earth Leakage		
25	Alarm	i). Low battery alarm to be provided (ii) % load		
		iii) Failure of inverter		

		 iv) Mains failure / load on battery alarm to be provided. Both should be audio visual. v) Over temperature alarm in two stages 1st stage: Warning, intermittent audio alarm 2nd stage: Tripping, continuous audio visual and resettable.
26	Metering	Digital panel Meter or LCD display system to indicate the following i). A.C. voltage: Input/ output ii). A.C. current: Input/output or % load iii). D.C. battery voltage iv). D.C. Charging / discharging current v). Frequency – Input/ Output
27	Battery set A. SMF Batteries (To be installed in ventilated/ cooled rooms only)	i) Complete with self-standing cubicle or cabinet ii) Make like: Exide/ Panasonic, CSB, Numeric/ Amararaja Rocket/ New Max, U-plus, AMCO best, HBL. (iii) Note: Only Valve Regulated Lead Acid (VRLA) type SMF batteries with electrolyte in paste form are acceptable. Any other type including calcium batteries are not acceptable date and year of manufacturing of batteries must specify along with Sr. Nos.
	B) Battery set Tubular batteries: (ventilated room with exhaust fan is required)	i) maintainable but regular topping necessary ii) complete with stand iii) Make like: Exide, Southern Batteries, Kirloskar, AMCO insta power.

Note: Tubular batteries have longer life at higher ambient temperature, but they require more space. Wherever maintenance facilities/ well ventilated battery room are not available at the center / branch, SMF batteries may be considered.

Minimum VAH required as per details as under:

UPS Capacity (KVA)	VAH required		
	30 Minutes	60 Minutes	120 Minutes
7.5	8868	14868	24912
10	11820	19824	33216
15	17724	29736	49824
20	23628	39636	66432
25	28920	48504	97020

In the both cases, the UPS vendors to specify, the make of battery they propose to use, they must submit detailed literature of battery and battery manufacturers capability etc.

Sr No.	UPS Rating	DC Voltage	Battery AH	Nos.	Total VAH	Make

- a) The back-up time at full load shall be **30 Minutes** Note (strike out whichever is not applicable).
- b). Battery set details to be indicated by the supplier:
- i). D.C. Terminal voltage
- ii). No. of batteries and each battery voltage
- iii). Ampere-Hour capacity of each battery
- c). End cell voltage for cut off shall be considered as 1.75 / cell
- 27. **Testing: i).** The supplier shall have facilities to carry out all the tests at factory center, and tests will have to be satisfactorily carried out before acceptance. A list of tests prescribed are enclosed in Annexure-"D".
- **ii)** Tests shall be carried out and certified by the manufacturer and by the agencies specified here under (a). SAMEER (b). ETDC (c). ERTL (d) CPRI (e) ERDA Vadodara (f) I.I.T.s (g) NITs h) National Research & Technology Consortium, Parwanoo (H.P.), i) Repute Engineering colleges (discretion with LHO) j) Regional Testing Centre (E.R.), Govt. Of India, Kolkata, (k) SV University Tirupati/ JNTU, Hyderabad/ L D College of Engineering Ahmedabad (l) Electronics Quality Development Centre, Gandhinagar, (m) Nisaki Technology services, Bangalore as per sampling below:
- (iii) If the UPS does not conform to specifications either during factory test or at site, the Bank reserves the right to reject the same. The successful tenderer shall then have to remove the same at his cost from site and supply a new piece conforming to the specifications.
- **iv).** The Bank reserves the right to randomly decide to carry out testing of a few UPS systems at site after installation at the cost of UPS vendor, who will be required to arrange for all the requisite variacs, meters, loads etc. and carry out the tests through vendor's personnel in the presence of Bank's Officials.

Place:	Applicant's Signature
Date:	Stamp:

ANNEXURE -III

TECHNICAL PARAMETERS TO BE COMPLIED BY THE VENDOR

SR. NO.	PARAMETERS TO BE MEASURED	BANK'S SPECIFICATION	TEST RESULTS / VENDOR'S REMARK
1	Technology	IGBT	
2	Nominal Input Voltage	400V+/-15%	
3	No Load Input Voltage Range	340V-460V	
	=Voltage Regulation		
4	Input Frequency range (on	45 to 55 Hz	
	D.G.Set)		
5	Input Power Factor	0.95 to unity	
6	Inversion Technique	Adaptive pulse width modulation or sine wave pulse width modulation with high switching frequency (> 12KHZ for IGBTs).	
7	Capacity	20 KVA	
8	Output Voltage	380/400/415VAC ± 1% Above for 3Φ I/P & 3Φ O/P	
9	Output Frequency	50 Hz +/- 4% (Synchronous to mains) 50 Hz +/- 1% (Free running)	
10	Distortion (o/p voltage) THD	< 4% for non-linear load	
11	Crest Factor	3:1	
12	Static bypass switch	Bi-directional with change over time less than 10 milliseconds in free running mode and instantaneous in synchronous mode from Inverter to bye-pass and vice-versa	
13	Wave Form (output)	Sine wave	
14	Efficiency	>90%	
15	Indications	a). Mains ON with phase indication for single phase / 3 phase separately for all the phases. b). Inverter ON / OFF / FAULTY / TRIP (Reason) c). Battery Low d). Static by-pass ON e). Over temperature f). Earth Leakage	
16	Alarm	i). Low battery alarm to be provided (ii) % load iii) Failure of inverter iv) Mains failure / load on battery alarm to be provided. Both should be audio visual. v) Over temperature alarm in two stages 1st stage: Warning, intermittent audio alarm 2nd stage: Tripping, continuous audio visual and resettable.	
17	Metering	Digital panel Meter or LCD display system to indicate the following i). A.C. voltage: Input/ output ii). A.C. current: Input/output or % load iii). D.C. battery voltage iv). D.C. Charging / discharging current v). Frequency – Input/ Output	

Tender ID-KOL201905**009**

18	DC Isolation between Input&	Mandatory	
	Output line		
19	Input Current Harmonics	< 10% at 50% load. < 5% at full load.	
20	Batteries	SMF	
21	Rated KVA	20	
22	Charger	Built in IGBT based solid state float-cum-boost	
		charger with automatic boost/trickle charge	
		modes with current limiting features. The	
		charger characteristics shall be such as to	
		match the float/boost charging of the batteries	
		as per battery characteristic, for enhancing the	
		life of batteries. The charger should be	
		designed for 2 hours back up period at rated	
		KVA	
23	Manual bypass switch	Should be provided.	
24	Transient Response	For 100% Step load i.e. from full load to no load and no load to full load: Dip < 3% Peak < 3% with recovery time within 3 cycles	
		to normal output voltage.	
25	Overload capacity 110% & 150%	110% for 10 minutes 150% for 1 minute	

DOCUMENTS TO BE UPLOADED IN THE E-TENDER PORTAL

- 1. Scanned copy of duly sealed and signed NIT with duly filled Commercial checklist and Technical specification
- 2. Scanned copy of Valid Trade License.
- 3. Scanned copy of Income tax return for year 2016,2017 and 2018.
- 4. Scanned copy of Annual Turnover.
- 5. Experience details/ work completed of similar type.
- 6. Scanned copy of PAN and GST details.

PROCESS COMPLIANCE STATEMENT (ANNEXURE I)

(The bidders are required to print this on their company's letter head and sign, stamp and submit with technical Bid)

Τo,

M/s. E-procurement Technologies Limited

AGREEMENT TO THE PROCESS RELATED TERMS AND CONDITIONS FOR SUPPLY OF UPS SYSTEM ALONG WITH SMF BATTERIES AT STATE BANK INSTITUTE OF LEARNING AND DEVELOPMENT (SBILD) SILIGURI

This has reference to the Terms & Conditions for the E-tendering mentioned in the Tender document

This letter is to confirm that:

- 1) The undersigned is authorized representative of the company.
- 2) We have studied the Commercial Terms and the Business rules governing the Etendering as mentioned in RFP of SBIIMS Pvt. Ltd. as well as this document and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the E-tendering tool and have understood the functionality of the same thoroughly.
- 4) We confirm that SBIIMS Pvt. Ltd. and M/s. e-Procurement Technology, shall not be liable & responsible in any manner whatsoever for my/our failure to access & bid on the e-E-tendering platform due to loss of internet connectivity, electricity failure, virus attack, problems with the PC, any other unforeseen circumstances etc. before or during the E- tendering event.
- 5) We confirm that we have a valid digital signature certificate issued by a valid Certifying Authority.
- 6) We, here by confirm that we will honour the Bids placed by us during the Etendering process.

with regards,	Date.
Signature with company seal Name:	

Company / Organization:
Designation within Company /
Organization:

With roastde

Address of Company/Organization:

Data

Annexure-A

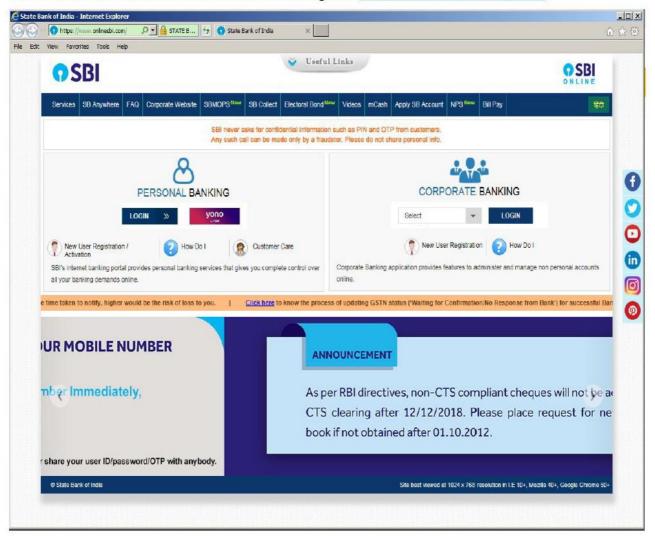
The steps involved in making the payment through SB Collect are as under: -

- 1. The Vendor needs to use SBI internet banking site http://www/onlinesbi.com/.
- 2. Select "SB Collect" from Top Menu, that will lead to the next page:
- 3. "Proceed" will lead to the next page"
- 4. Select "All India" in State of Corporate/Institution" & select "Commercial Services" in "Type of Corporate/Institution".
- 5. "Go" will lead to the next page"
- 6. Select "SBI Infra Management Solutions" in Commercial Services Name and "Submit"
- 7. Select "**Tender Application Fee**" in "Payment Category" and enter the "**Tender ID**" exactly as we preloaded with characters in Uppercase only in place of Circle Codes.
- 8. The next page will be ready with few of the Preloaded Tender Details:
- 9. The Vender will have to fill up the fields properly and upon making the payment a receipt will be generated with a Reference No.

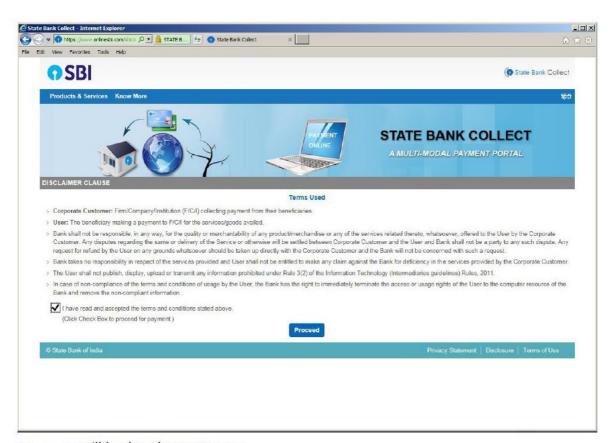
NOTE: Any type of vender, whether dealing with SBI or other bank can use the SB Collect facility.

Even a contractor not dealing with any bank can use this portal and generate challan and deposit by cash in any SBI branch. The bank charges for cash deposit will be also borne by the vender himself.

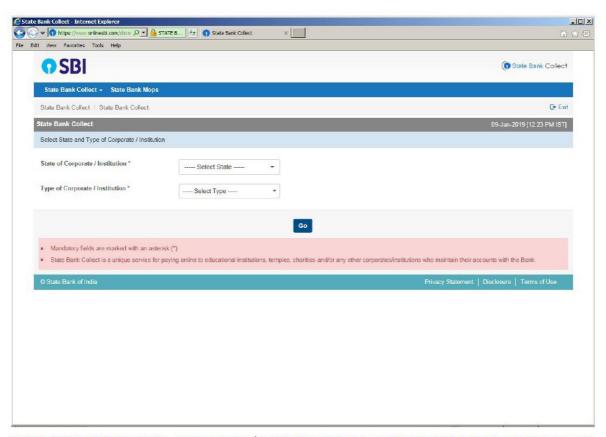
The Vendor needs to use SBI internet banking site https://www.onlinesbi.com/.



Select "SB Collect" from Top Menu, that will lead to the next page:

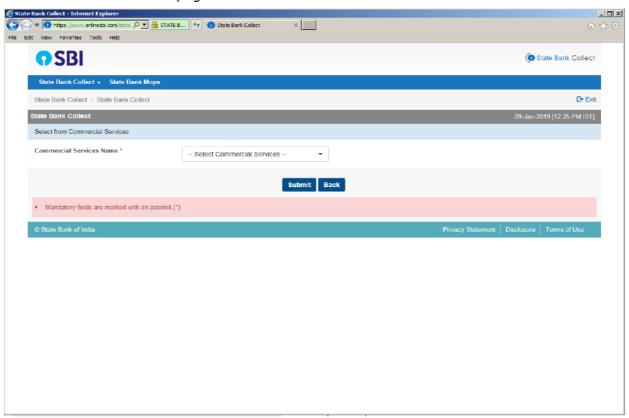


"Proceed" will lead to the next page:

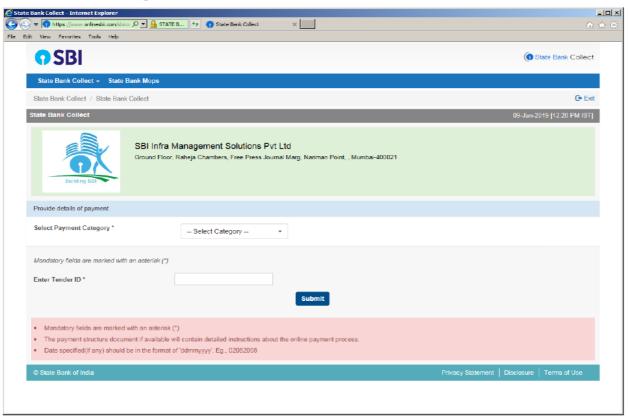


Select "All India" in "State of Corporate / Institution " & Select "Commercial Services" in "Type of Corporate / Institution".

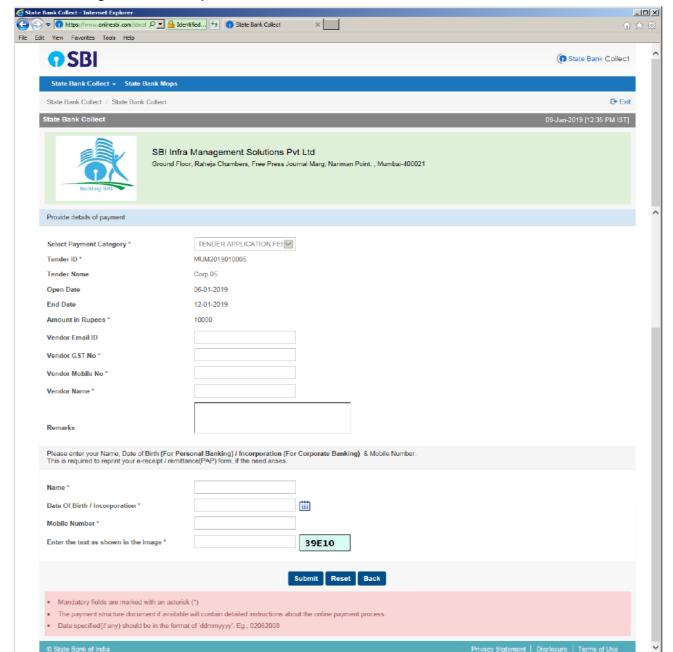
"Go" will lead to the next page:



Select "SBI Infra Management Solutions" in Commercial Services Name and "Submit"



Select "Tender Application Fee" in "Payment Category" and enter the "Tender ID" exactly as we preloaded with characters in Uppercase only in place of Circle Codes.



The next Page will be ready with few of the Preloaded Tender Details:

The Vendor will have to fill up the fields properly and upon making the payment a receipt will be generated with a Reference No.

SPECIAL NOTE:

- 1. VENDORS ARE REQUESTED TO SUBMIT THE COPY OF PAYMENT RECEIPT OF TENDER APPLICATION FEE ALONG WITH THE TECHNICAL BID IN HARD COPY.
- 2. VENDORS ARE REQUESTED TO CONTACT THE CONCERNED EIC FOR ANY FURTHER QUARRY RELATED TO THIS PROJECT.
- 3. IF ANY CONFUSION ARISES BETWEEN SPECIFICATION WRITTEN IN THIS NIT & SPECIFICATION MENTIONED IN THE WORK SCHEDULE (PRICE BID) COPY, SPECIFICATION OF WORK SCHEDULE COPY WILL BE FINAL. PLEASE CONTACT CONCERNED CIVIL ENGINEER IF ANY CONFUSION ARISES.