



SBI INRA MANAGEMENT SOLUTIONS PVT. LTD.

TENDER DOCUMENT

FOR

**ONLINE TENDER FOR HIRING OF ONE 82.5 & 125 KVA DIESEL GENERATOR SET
AT CCPC, 11, SANSAD MARG, NEW DELHI**

Notice Inviting Tender

Tender ID: DEL201905003

SBI Infra Management Solutions Pvt. Ltd. on behalf of State Bank of India invites online Tenders from the Bank's Empanelled Contractors Delhi Circle category up to 250 & 500 KVA for hiring of DG Sets for the captioned work. Total Tentative quantity for Hiring of DG set shall be 02 numbers for rating 82.5KVA & 125 KVA. The above requirement is at CCPC, 11, SANSAD MARG, NEW DELHI.

Details of tenders are as under:

1.	Name of Work	:	Hiring of one 82.5 KVA & 125 KVA Diesel Generator Set at CCPC, 11, Sansad Marg, New Delhi-110001
2.	Time allowed for completion	:	<i>As specified in tender</i>
3.	Earnest Money Deposit (1% of the three years Contract Value)	:	Rs.26000/- (Rupees Twenty six Thousand only) by crossed Bank Draft / Banker's Cheque drawn in favour of State Bank of India, New Delhi (to be enclosed in sealed envelope as a part of Technical Bid)
4.	Initial Security Deposit	:	NA
5.	Processing Fee of Tender Documents Fee Collection will be accepted till 16/05/2019 till 5:00 PM	:	A non-refundable amount of Rs. 2000/- (Rupees Two Thousand only) To be deposited online through SB Collect https://www.onlinesbi.com the procedure is detailed in NIT subsequent pages. Online Generated Receipt of the Tender Fee should be enclosed in the technical Bid.
6.	Pre- Bid Meeting	:	N/a.
7.	Last date and time of receipt of Tenders	:	17/05/2019 up to 3.00 p.m.
8.	Address at which the Tenders are to be submitted	:	<u>Technical Bid: to be submitted in hard copy at SBI INFRA MANAGEMENT SOLUTIONS PVT. LTD. 5th Floor, D- Block, 11, Parliament Street, New Delhi- 110001.</u> <u>Price Bid: Price Bid to be uploaded online</u> <u>www.tenderwizard.com/SBIETENDER</u>
9.	Date and time of opening of Tenders	:	17/05/2019 at 3.30 p.m.

10.	Place of opening Tenders	:	SBI INFRA MANAGEMENT SOLUTIONS PVT. LTD. 5th Floor, D- Block, 11, Parliament Street, New Delhi- 110001.
11.	Defects Liability Period	:	NA
12.	Validity of Offer	:	90 days from the date of opening the Tenders.
13.	Liquidated Damages	:	As specified in the tender
14	Security Deposit to be submitted by L1 vendor		5% of the total contract value of three years in the form of a STDR in joint A/c of Bank & Contractor as security deposit for a period of three years duly discharged in favour of the Bank. The security deposit will be refunded on expiry/termination of the contract as the case may be after adjusting the dues payable by the contractor to the Bank
15	Additional security deposit		If the L1 Price quoted is more than 10% below the estimated cost the vendor will have to submit the additional security deposit as performance guarantee of the amount of total %value less than the estimated value. The Additional security deposit will be released after the expiry of the contract period.

Mode of Submission of Tender: The tender shall be submitted in both physical and online in two cover system in accordance with the procedure detailed herein below. Specified documents shall be sealed in envelopes of appropriate size each of which shall be sealed.

- 1) First Envelope marked Cover 1 shall contain Earnest Money Deposit and Online Receipt of Processing Fee of Tender Document.
- 2) Envelope marked Cover 2 shall be of adequate size and shall contain envelopes marked Covers 1 & Complete tender document that shall be **properly sealed & signed**. This envelope shall be endorsed on the outside face as under:

"Hiring of one 82.5 KVA &125 KVA Diesel Generator Set at CCPC, 11, Sansad Marg, New Delhi-110001"

The envelope marked Cover 2 containing the documents as specified in tender document as per instructions mentioned above shall be submitted in the office of VICE PRESIDENT (CIVIL), SBI INFRA MANAGEMENT SOLUTIONS PVT. LTD., 5THFLOOR, D-BLOCK, 11, SANSAD MARG, NEW DELHI 110001 ON OR BEFORE 3.00 p.m. on 17/05/2019.

Envelope marked Cover 1 & Cover 2 containing Earnest Money Deposit along and Online Receipt of Processing Fee of Tender Document, Complete Tender Documents as specified will be opened if the Earnest Money Deposit or Online Receipt of Processing Fee of Tender Document, Complete Tender Documents as specified, is not found as prescribed, the tender shall be rejected.

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.

State Bank of India has the right to accept / reject any or all tenders without assigning any reasons.

The bidders are requested to note that it is mandatory to have a valid digital certificate issued by any of the valid certifying authority approved by Govt. of India to participate in the online bidding. The bidders are requested to ensure that they have the same well in advance.

For E-Tender related queries: **Service provider:** M/s Antares Systems Limited, Registered Office at: - #24, Sudha Complex, 3rd Stage, 4th Block, Bangalore - 560079. Ph: - 080-49352000 / 40482000 Fax: - 080-49352034

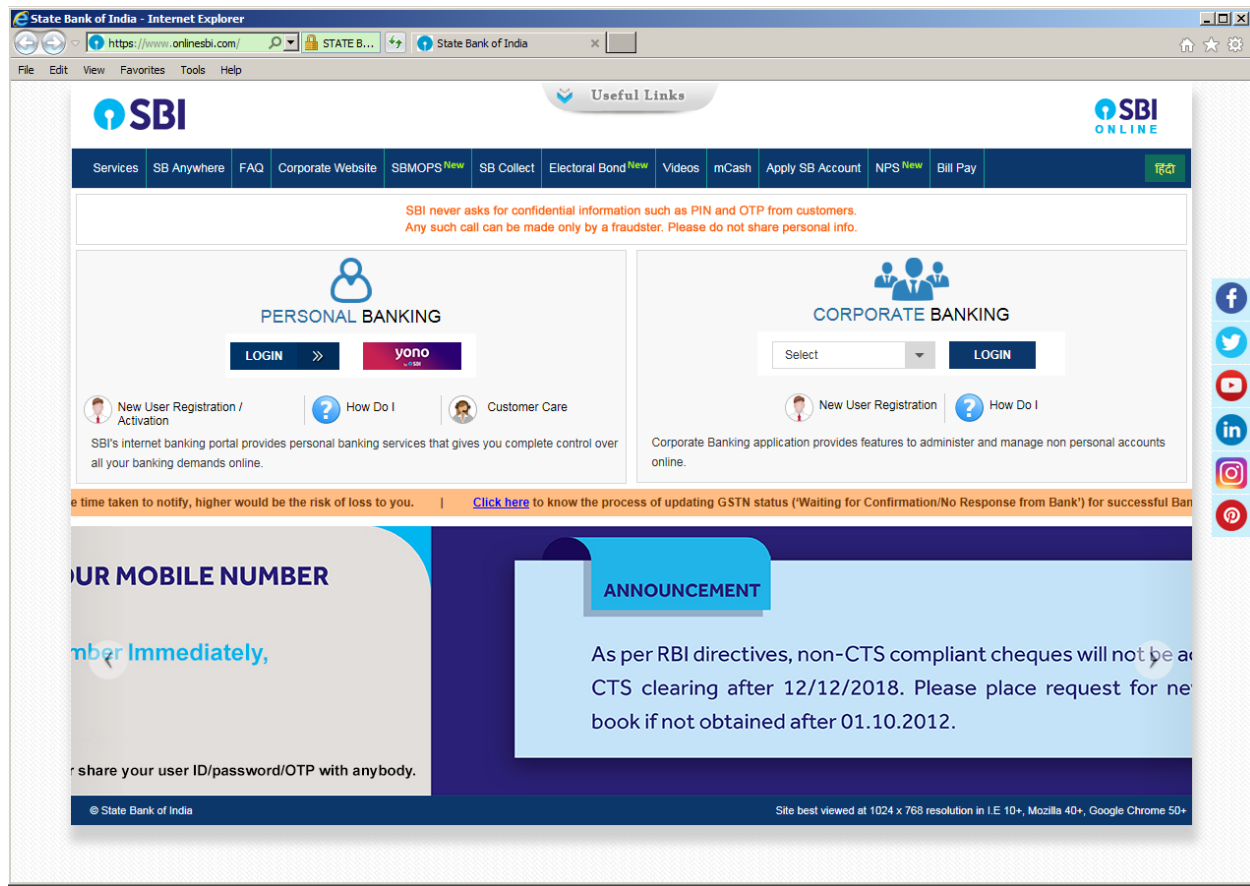
Help Desk: Contact Person: Mr. Pushpraj /Mr. Tousik Ghosh / Mr. Kushal Bose Mobile no. 7503347659/ 09674758724/ 07686913157 (On working days-9 hours-18 hours) E-mail: pushpraj@antaressystems.com/ tousik.g@antaressystems.com / kushal.b@antaressystems.com

For any other queries the vendors may contact Diwakar Gupta (DM Electrical) at the office of Circle Head & Vice President, SBIIMS, Delhi Circle , 11, Sansad Marg, New Delhi. Phone - 011 23407355.

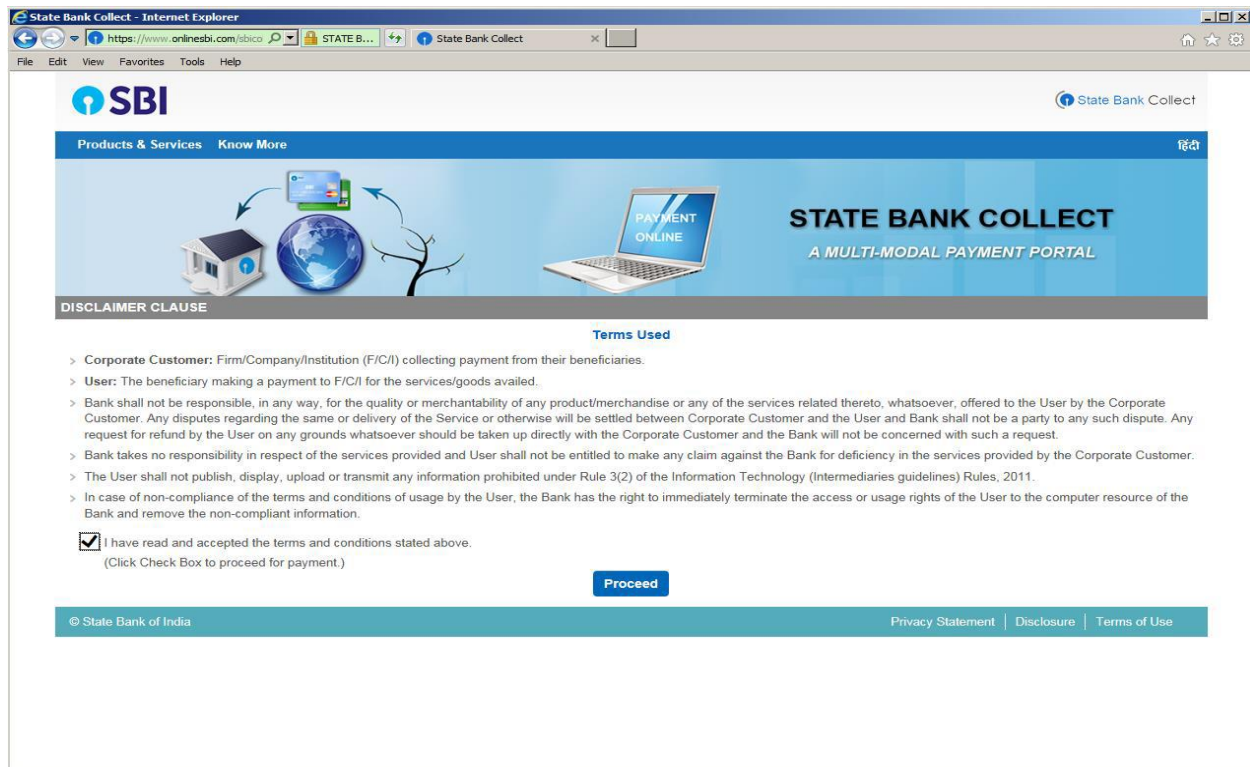
ONLINE TENDER FEE PAYMENT PROCEDURE

The undernoted will be the process flow for the online payment, which may be shared with the Vendors for their convenient use:

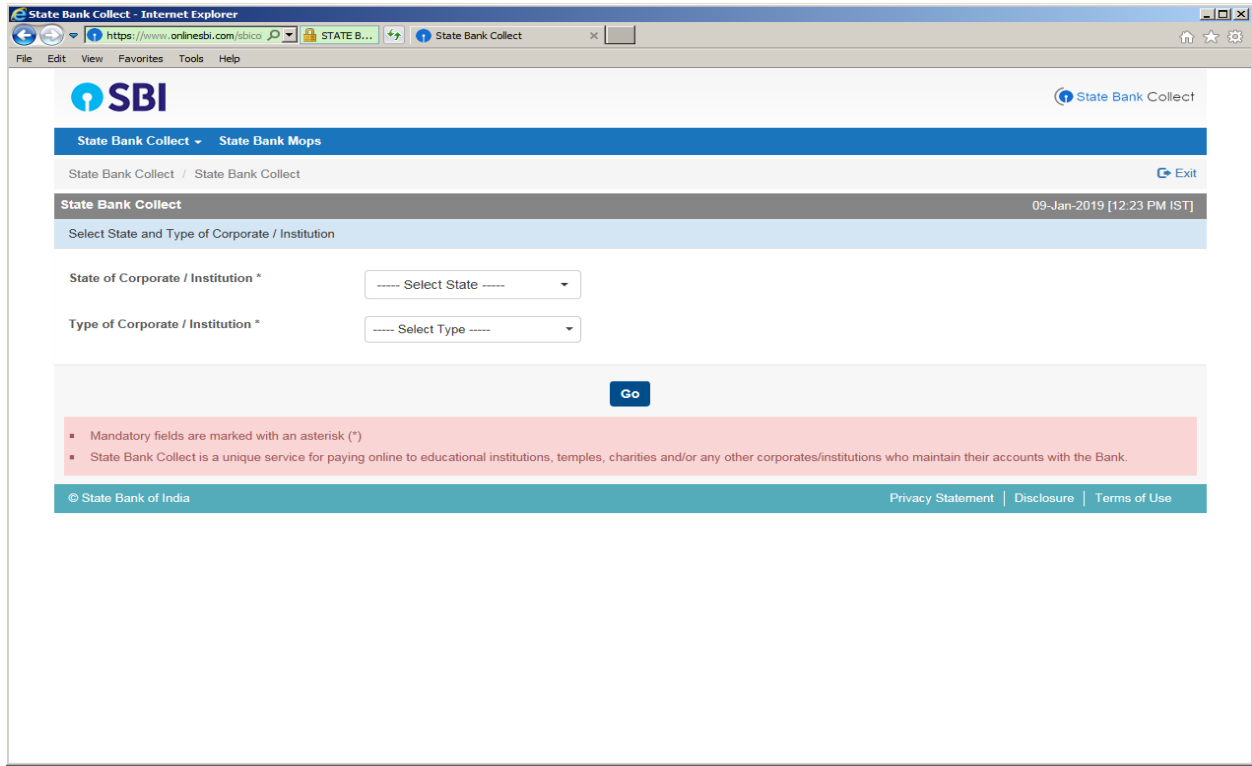
The Vendor needs to use SBI internet banking site <https://www.onlinesbi.com/>.



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

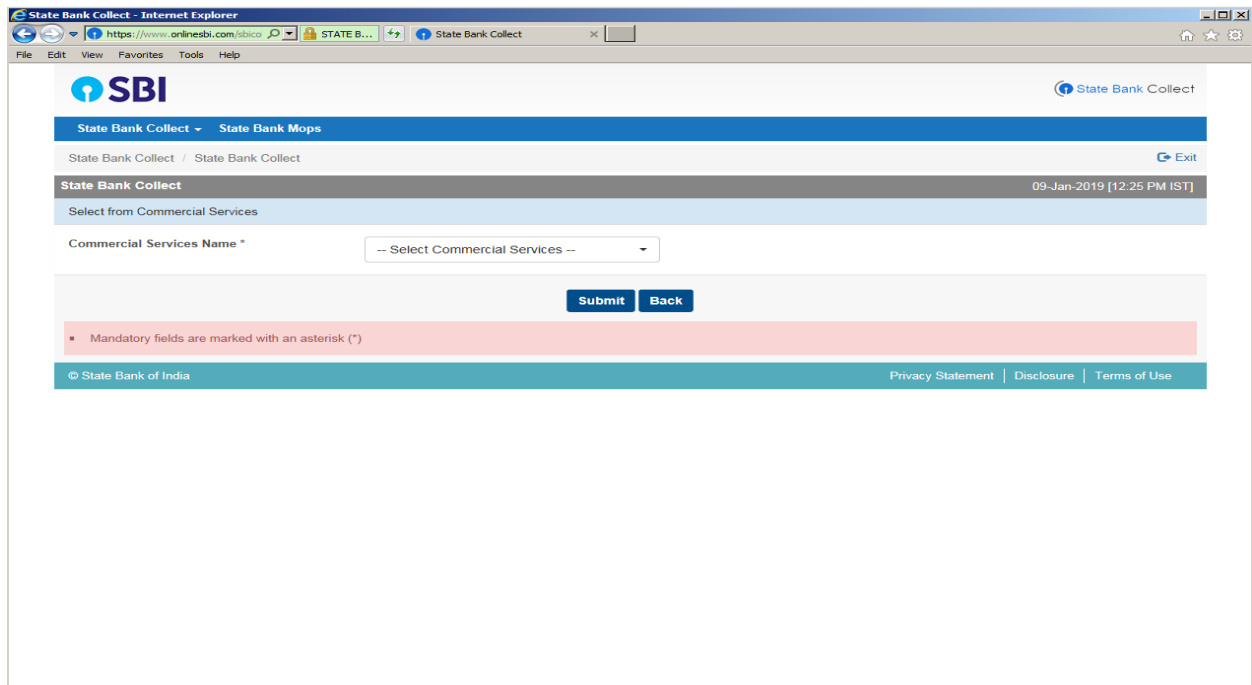


“Proceed” will lead to the next page:



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"

The screenshot shows the SBI State Bank Collect website interface. At the top, there is a navigation bar with the SBI logo and "State Bank Collect" text. Below this, a breadcrumb trail shows "State Bank Collect / State Bank Mops". The main content area features the SBI Infra Management Solutions Pvt Ltd logo and address: "Ground Floor, Raheja Chambers, Free Press Journal Marg, Nariman Point, Mumbai-400021". A section titled "Provide details of payment" contains a dropdown menu for "Select Payment Category *" with "-- Select Category --" selected. Below this, a text input field is labeled "Enter Tender ID *". A blue "Submit" button is positioned to the right of the input field. A red warning box at the bottom of the form contains the following text: "Mandatory fields are marked with an asterisk (*)", "The payment structure document if available will contain detailed instructions about the online payment process.", and "Date specified(if any) should be in the format of 'ddmmyyyy'. Eg., 02082008". The footer of the page includes "© State Bank of India" and links for "Privacy Statement", "Disclosure", and "Terms of Use".

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:

State Bank Collect - Internet Explorer
 https://www.onlinesbi.com/sbical/ Identified... State Bank Collect

SBI State Bank Collect

State Bank Collect / State Bank Collect Exit

State Bank Collect 09-Jan-2019 [12:35 PM IST]

SBI Infra Management Solutions Pvt Ltd
 Ground Floor, Raheja Chambers, Free Press Journal Marg, Nariman Point, , Mumbai-400021

Provide details of payment

Select Payment Category * TENDER APPLICATION FEE

Tender ID * MUM2019010005

Tender Name Corp 05

Open Date 06-01-2019

End Date 12-01-2019

Amount in Rupees * 10000

Vendor Email ID

Vendor GST No *

Vendor Mobile No *

Vendor Name *

Remarks

Please enter your Name, Date of Birth (For Personal Banking) / Incorporation (For Corporate Banking) & Mobile Number.
 This is required to reprint your e-receipt / remittance(PAP) form, if the need arises.

Name *

Date Of Birth / Incorporation *

Mobile Number *

Enter the text as shown in the image * 39E10

- Mandatory fields are marked with an asterisk (*)
- The payment structure document if available will contain detailed instructions about the online payment process.
- Date specified (if any) should be in the format of 'ddmmyyy'. Eg., 02082008

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

Only those vendors who have submitted the tender processing fee for the tender "ONLINE TENDER FOR HIRING ONE 82.5 & 125 KVA DIESEL GENERATOR SET AT CCPC, 11, SANSAD MARG, NEW DELHI " NIT No - SBIIMS/LHO/ND/DG/003 need not to submit the tender processing fee again. Reference for the same may be given in the enclosure for processing fee.

SBI Infra Management Solutions Pvt. Ltd. (SBIIMS)

SIGNATURE OF THE TENDERER

PARTICULARS OF THE FIRM

1. Name of the firm
2. Address
3. Service Center address with the name & mobile number of the contact person for the same
 - i.
 - ii.
4. Status of the firm
(Whether company/firm/proprietary)
5. Name(s) of the Directors/Partners/Proprietor.
 - i)
 - ii)
 - iii)
6. GST Registration, VAT registration, copy of service tax registration, PAN No: etc.
 - i.
 - ii.
 - iii.
7. Name and address of Bankers
 - i
 - ii
 - iii

SIGNATURE OF CONTRACTOR WITH NAME & ADDRESS AND SEAL OF FIRM

GENERAL TERMS AND CONDITIONS:

Vendors will be trained by M/s Antares Systems Ltd. for this purpose. You may contact M/s Antares Systems Ltd. for the training.

2. The bidders must accept and agree all the terms & conditions of both SBIIMS as well as the agency authorized by the Bank for conducting e- tender.
3. The tenderer will have to submit their tender after carefully examining the whole of the tender documents.
4. Any tender submitted after the stipulated date and time will automatically stand disqualified and no extension of time will normally be allowed for submission of tender
5. **The bidders are requested to note that it is mandatory to have a valid digital certificate issued by any of the valid certifying authority approved by Govt. of India to participate in the online bidding. The bidders are requested to ensure that they have the same well in advance or if any assistance is required in the same, you can contact our service provider M/s Antares Systems.**
6. The Bank reserves the right to refuse the issue of tender or reject any or all bids without assigning any reasons whatsoever.
7. **The rate quoted shall include operation Charges, maintenance, other spares, lubricants as required all other duties, taxes, levies, octroi, transport, loading and unloading charges etc. but exclusive of GST.**
8. The price quoted shall be valid for **3 months** from the date of opening of price bid.
9. Canvassing in any form in connection with the tender is strictly prohibited and tenders submitted by contractors who resort to such course shall liable to be rejected summarily.
10. Tenders not fulfilling any or all of the conditions prescribed or which are incomplete in any respect shall liable to be rejected.
11. Should the Invitation to Tender be withdrawn or cancelled by the Bank, which shall have the right to do so at any time, EMD will be returned.

12. TDS as applicable will be deducted from the bills payable to the contractor
13. All safety norms as defined by the appropriate authorities whether SBIIMS/local/government bodies shall be strictly adhered to by the contractor during the execution of the entire contract. All men and machinery has to be covered under suitable insurance by the contractor and Bank is not liable to pay any compensation for the damages to men and machinery under any circumstances during the transit, loading, unloading, installation, testing and commissioning of the DG SET.
14. During the currency of the Contract, all care shall be taken so that the downtime of DG Set is kept minimum.
15. Each page of the tender documents should be signed by an authorized person in token of having accepted the terms & conditions of contract, specifications, as laid down.
16. All expenses for the registration of the agreement in the tender will be borne by the vendor.
17. **In case of any dispute arising regarding the job contract including the interpretation or the scope or working thereof, the decision of the Vice President, SBIIMS, Delhi circle/AGM (P&E), Delhi Circle shall be final and binding on the Contractor All disputes are subject to local Jurisdictions only.**

TERMS AND CONDITIONS FOR HIRING OF DIESEL GENERATOR SET.

1. CAPACITY OF D.G.SETS: 82.5 KVA & 125 KVA SILENT GENERATORS (TO BE INSTALLED WITHIN 20 DAYS AFTER PLACING ORDER BY BANK) NUMBER OF PHASES: THREE PHASE FOUR WIRES.
2. The contractor will ensure periodical maintenance of sets during Sunday/holiday so that the set is ready for uninterrupted supply of power during power failure period and in case of break-down/failure of more than 1 hour of D.G.set supply of power, the bank will be entitled to levy penalty @ Rs.1500/- per day in addition to the recovery of charges which may have to be paid by the Bank for making alternative arrangements of D.G.set. The contractor should attend all the complaints at the earliest as and when lodged by any means of communication whether verbal or in writing.

3. **5% of the total contract value of three years in the form of a STDR in joint A/c of Bank & Contractor as security deposit for a period of three years duly discharged in favour of the Bank. The security deposit will be refunded on expiry/termination of the contract as the case may be after adjusting the dues payable by the contractor to the Bank.** The same will be forfeited in case of poor performance or nonperformance. Any of the deliverables not being delivered for more than 2 days in a quarter would mean "poor performance". The EMD with quotation shall be released thereafter.
4. Operating time: round the clock (including all working days & holidays) as required by the Branch /office.
5. As and when required (the contractor/or his representative shall report the SBIIMS, Delhi Circle/AGM (P&E) or any other officer designated by the Bank about the performance of the generators.
6. **Initially the contract shall be for a period of three years as per the terms and conditions as defined in the tender document and its subsequent corrigendum's if applicable provided the services are found satisfactory. After initial period of three years, it can be renewed for other two years as settled between the Bank and the contractor the final decision of bank will prevail and will be binding on the contractor.**
7. In case the services are not found satisfactory or if the Bank decides the contract can be terminated by giving one month's notice by Bank. In case of nonperformance or unsatisfactory services the security money will be forfeited. No other claims will be payable if the contract is terminated.
8. The cable of required capacity as specified by the Bank's Electrical Engineer or as per the D.G manufacturer specification from the D.G.set to the main Panel and Change Over switch will be provided by the tenderer/contractor.
9. The tenderer/contractor will bear the installation charges. He will provide/erect required foundation for installation.
10. In case Generator have to be installed on the roof, the tenderer/contractor will provide/erect required foundation and will bear all the expenses of installation & Lifting.
11. The liaison with the local Municipal authorities/ Government agencies will be the responsibility of the contractor in order to run the D.G.set smoothly at **CCPC, 11, SANSAD MARG, NEW DELHI.** The contractor must get all the necessary permissions from all the applicable authorities viz. a)State Electricity Board b)Fire brigade, c)Pollution Control Board, d)Electrical Inspectorate of State Government. Failure to obtain the required permissions, the contractor shall be responsible for all the liabilities/penalties imposed by these authorities and will indemnify bank in this regard.

12. All maintenance of D.G.sets will be responsibility of the contractor.
13. The contractor will arrange including transportation for diesel, lubricants, day to day spares, filters etc. required for running the DG set at its own cost. The contractor shall keep in reserve sufficient fuel for running of DG set for at least 8 hours at the site.
14. The contractor will maintain logbook for calculation of running hour of the DG set. The contractor from the designated bank officials on daily basis will be authenticated all the entries made in the logbook.
15. The payment of fuel & Hiring Charges will be made on monthly basis after receipt of bill clearly stating there in the total running hours of actual operation supported by photocopy of the logbook.
16. On installation of DG set, the contractor shall have to give full load test for 4 hours at the site in presence of Bank's electrical engineer within first 7 days of operation.
17. The rates should be inclusive of all taxes/levies imposed by the government/other body only GST will be paid extra.
18. Operation also includes topping of fuel, changeover operations etc., Wherever as decided by the SBI/MS/SBI Auto Main Failure (AMF) is provided, the contractor to monitor on regular basis, the fuel level, topping if required and provide an operator in case of AMF failure. No additional charges will be paid for the same.
19. No additional rent or operator charges will be paid for operation on any holidays and weekends, if required.
20. Minimum wages as prescribed by the Labour Act shall be payable to the operator(s) by the contractor as the case may be. The Contractor shall bind himself and shall indemnify the Bank.
21. The Contractor will comply with all the applicable labour laws, rules and regulations relating to P.F. Act including the payment of P.F. contribution, Payment of Bonus Act, Minimum Wages Act, Workmen's Compensation Act, ESI, CL(R&A) Act, Essential Commodities Act, Migrant Labour Act and' or such other Acts or Laws or regulations passed by the Central & State, Municipal and Local Government agency or authority, including T.D.S. as per Income Tax Act, applicable from time to time. The Contractor shall be responsible for maintaining record pertaining to payment of Wages Act and also for depositing the P.F. contributions, if required, with authorities concerned.
22. The Contractor shall be responsible for proper maintenance of Registers, log books etc. as required under the applicable laws / statutory provisions and' or Rules / Regulations framed there under.

23. The Contractor shall be responsible for all the claims of the employees of the Contractor and shall not make and claim whatsoever against the Bank. The Contractor's workmen will not have any right whatsoever to get absorbed in the Bank. The Contractor shall be responsible for all statutory requirements e.g. ESI, PF, labour registrations, Insurance coverage etc. The Vendor/operator is responsible for compliance of all the rules & safety regulations etc.
24. The Contractor shall engage fully trained and adequately experienced workmen, who are medically fit. They should be free from any contagious diseases. The Insurance for the workmen shall be arranged by the contractor and ensure that the operator shall be well mannered and properly dressed with shoes etc.
25. The Contractor shall obtain adequate insurance policy / policies in respect of his workmen to be engaged for the work, towards meeting the liability of compensation arising out of death / injury / disablement at work etc.
26. The Contractor shall bear all the costs and expenses in respect of all charges, including stamp duty etc. for agreement and/or any other documents/agreements, which are required to be executed.
27. All necessary tools like clamp meter, drilling machines and pliers and other essential tools for effective maintenance of the Diesel Generator equipment's shall be provided by the contractor.
28. Contractor shall arrange for comprehensive maintenance of their Diesel Generator set as prescribed by the supplier for reducing the breakdowns to the minimum and for uninterrupted operation of Diesel Generator set.
29. All the maintenance expenses including replacement of spares for the Diesel Generator set along with periodic replacement of lube oil shall be borne by the contractor.
30. The Contractor /owner of the Diesel Generator set has to arrange at their own cost all necessary approval from the Government (state and central) or any other Statutory body including environmental clearance, if required, for installation and running of Diesel Generator set at respective sites.
31. Owner / Contractor of Diesel Generator set has to keep the diesel in safe custody under proper care at the site and has to ensure the safety of the location.
32. Owner / Contractor of the Diesel Generator set has to bear the installation / transportation charges of Diesel Generator set.
33. Owner / Contractor of the Diesel Generator set has to maintain a log book at the site to record the following :
 Hour meter reading.
 Time for which the generator was operational (generator off and on timings).
 No. of Units Generated through DG Set
 Consumption of diesel.
34. The log book shall be submitted to the officer-in charge as and when called upon by the Officer-in charge.
35. The generator downtime shall be kept to minimum, all care shall be taken so that the downtime of DG Set is kept minimum. During the currency of the Contract, Maximum permissible frequency of failures in a month:
 Once for approximately one hour
 Four times for approximately half hour

36. In case of major break downs; standby arrangement shall be made within 24 hours from the time of breakdown. In case of poor performance/ nonperformance of DG set taken on hire, the penalty (twice hiring charges) per day will be deducted from the hiring charges for the month in addition to the recovery of charges which may have to be paid by the Bank for making alternative arrangements of D.G.set.
37. The contractor / firm shall be held responsible for any misdeeds / misbehavior of their employees within the premises.
38. Self-start Battery condition shall be well maintained for trouble free operation.
39. In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provisions, B.I.S recommendations, factory act, workman's compensation act, CPWD code and instructions issued from time to time. The contractor shall provide necessary barriers, warning signals and other safety measures while executing the work wherever necessary so as to avoid accident. The Bank shall not be responsible for any accident occurred or damage incurred or claims arising there from during the execution of work. The contractor shall also provide all insurance including third party insurance as may be necessary to cover the risk.
40. As per the prevailing guidelines of the State/ Central Govt. (e.g. Pollution Control Board, Electrical Inspector and Power Distribution Company etc) .the permission for installations of DG sets should be obtained and kept with the Bank. The statutory fees shall be paid by the Bank but the arrangement and liaisoning with the concerned Govt. Departments shall be under the scope of the Contractor. Wherever applicable, the Electricity tax for Generation of Energy based on number of Units Generated, should be paid to the Concerned Energy Deptt. / Electrical Inspectorate, Electrical safety Deptt..
41. LOCAL REGULATIONS, BYE-LAWS, IER, ETC.: The approval / clearance for installation of DG Set from Central Pollution Control Board/ State Pollution Control Board / Local Bodies/ State Electricity Board/ other Licensing Authorities as required will be obtained by the supplier/ contractor. The Diesel Generator installation is generally governed by the following regulations:
- Indian Electricity Rules 1910
 - Local Regulations
 - Pollution control rules (State /Union Govt. Rules)
 - Electricity board (State / Union Govt. Rules)
42. The supplier shall be responsible for preparation of all applications, submission of applications, follow-up, inspection and obtaining & delivering NOC from various authorities concerned. The payment of demand notices of the various statutory bodies shall be made by the State Bank of India. The original payment receipt shall be logged with State Bank of India. State Bank of India, will only affix signatures and furnish fees to be paid for local authorities' inspection, etc. It must be clearly understood that the installation will not be taken over by State Bank of India even after commissioning unless approval/ clearance from concerned authorities are furnished.

43. The Hire charges quoted shall be inclusive of all taxes including service tax, duties, operation charges, night duty allowances, Overtime charges etc.. Bank will pay the hiring charges at monthly intervals. only GST will be paid as applicable
44. SBIIMS/SBI reserves the right to terminate the contract with one month prior notice with or without assigning any reasons on sole discretion of the SBIIMS/SBI. The decision of the SBIIMS/SBI will be final & binding on the contractor and no further claims in this regard will be entertained.
45. All necessary earthing required for Body & Neutral , Electrical cable upto the Panel as directed by the engineer in charge from the D.G set will be under the scope of the vendor, the above works include proper installation and termination of the electrical cables and earthing.

SIGNATURE OF CONTRACTOR

DATE:

SEAL

TECHNICAL SPECIFICATION FOR SILENT DIESEL GENERATOR SET

(a) DIESEL ENGINE:

- (i) Make: Kirloskar/ Cummins /Greaves / Mahindra / Ashok Leyland/ Mahindra/Eicher
- (ii) Multi Cylinders, water Cooled, 1500 RPM, Diesel engine

(b) Alternator specification:

- (i) Make: Stamford/Kirloskar/ Kirloskar Electric/Crompton Greaves.
- (ii) Capacity:7.5/10/15/ 20/25/ 30 KVA at 0.85 PF, 230 Volts, Single Phase, 50 Hz. 30/ 35/ 40/ 50/ 62.5/75/ 82.5/100/125KVA at 0.85PF415 Volts, 3 Phases, 4 wires, 50 Hz
- (iii) The regulation from no-load to full load shall not exceed 2.0 %.
- (iv) The alternator shall be of brush less type design, self-excited of robust construction. The alternator shall be suitable for continuous rating with ambient temperatures of 40 degrees centigrade. The voltage control shall be through automatic voltage regulator unit (AVR). The AVR unit shall de-excite the alternator in case of short circuit.
- (v) It shall withstand 10% overload for one hour every 12 hour duration on operation.
- (vi) The alternator shall confirm drip proof constructions per IS: 4722 (At least IP 23).

(c) SOUND PROOF ENCLOSURE:

- (i) **Noise Level permitted:** Wherever acoustic insulation is provided 75 db at 1.0 meter from DG set under free field condition meeting CPCB norms.
 - (ii) Shall be factory fabricated specially with superior quality acoustic insulation so as to achieve the permissible noise level within the prescribed norms of state/ Central Pollution Control Board.
 - (iii) The container shall be weather proof housing the D.G. Set, fuel tank. Fresh air will enter from the alternator end. Blowers of adequate capacity will be provided, if necessary, to provide sufficient air for cooling & ensure operating temperature is within prescribed limits specified by engine manufactures.
 - (iv) Hinged / Sliding door will be provided on either side. Sufficient maintenance access shall be provided in the design of the acoustic enclosure.
- (d) **AGE OF DIESEL GENERATOR SET:** Age of Diesel Generator set at the time of hiring should be less than 3 years and it should comply all the latest applicable CPCB norms. Copy of Invoice/Excise gate pass etc., shall be submitted as a proof of age.
- (e) The diesel engine shall be robust heavy duty construction. It shall deliver the required BHP at the shaft of the coupled alternator to deliver the rated output of required KVA. The speed Governor shall be mechanical auto controlled, adjusting automatically to the desired load conditions.
 - (f) The Engine shall be fitted with all standard accessories as detailed above. It shall be possible to start the engine from the AMF Panel & locally.

- (g) The operation of the D.G set can be on AMF Panel or on manual basis as the case may be and decided by the SBIIMS/SBI. The decision of the SBIIMS/SBI will be final and binding on the vendor in this regard.
- (h) The DG set shall be mounted on wheels or foundation as required.

AUTOMATIC MAINS FAILURE PANEL (WHEREVER REQUIRED, TO BE DECIDED BY THE SBIIMS/SBI):

- (i) AMF control panel for auto starting of the DG set shall be fabricated from the MS sheet steel 14 gauge and shall be of compartmental design. The main supporting framework shall be of angle iron or of heavier gauge sheet metal. The panel shall be self-supporting design, dust and vermin proof, dead front and fully interlocked with isolating switches. The panel mounted switches shall have defeat interlocks for testing and inspection.
- (ii) The panel shall be designed so as to facilitate inspection, cleaning and repairs. The clearance between phase to phase and phase to earth or metal parts shall be as per relevant IS standards. The metering instruments like volt meter, ammeter, etc. shall be flush mounted and shall be of 1.0 class accuracy and of standard design size shall be 96 mm x 96. All indication lamps shall be of neon type / digital. The Panel shall be tested at site before commissioning.
- (iii) All wiring inside the panel shall be done with copper conductors / cables/solid copper links. All the hinge doors shall be earthed. Adequate ventilation for the panel shall be provided. Logic diagram of operation of switches shall be painted on the panel. The name plates for each feeder shall be of engraved design and pasted to the respective switch gear.
 - a) Type : Cubical, front operated with detachable cable gland plates at top and bottom.
 - b) Enclosure : 14G CRCA suitably rust inhibited with powder coated with 7 tank treatment process and provided with square section rubber gaskets IP52 enclosure.
 - c) Mounting : Floor /Wall mounted with supporting legs or blank panel.
 - d) Circuit breakers : Double Breaker for DG set and Mains isolation.
 - e) Instrument panel fitted with : AC Voltmeter (0-600V) Voltmeter Selector switch. AC-Ammeter of suitable range, Ammeter selector switch. KWH Meter, Frequency Meter. Running Hour Meter

(iv) Indicating lamps for

- a) Load on Mains.
- b) Load on Generator
- c) Set fails to start
- d) Low Lubricating oil Pressure
- e) High water temperature / High water temperature.

(v) Sets of Push Buttons for

- a) Generator start / stop
- b) Emergency trip
- c) Auto Hooter
- d) Auto / Manual /Test / Selector switch
- e) Generator ON / OFF - Manually.
- f) Mains On / OFF – Manually

(vi) Battery charger static, comprising of

- a) Transformer
- b) Rectifier
- c) Trickle / Boost auto.
- d) DC Ammeter
- e) Mains Voltage Monitor
- f) AMF Logic with three attempt starting facility

(vii) Protection

- a) Over Voltage, under voltage, over load
- b) Short circuit, over speed.

(viii) The operation of the AMF panel shall be as follows:

In the event of mains failure or failure of any one phase of incoming mains voltage / frequency beyond the specified limits, signal will be given to start the generator set after a pre-set time. On firing of DG Set and built up of voltage which is within the specified limits of voltage & frequency, the output breaker / contractor shall be energized and power connected. Thus the AMF panel shall continuously monitor the quality of the incoming power and outgoing power of DG Set. Once the Mains power resumes/ stabilized within the set limits, the AMF panel shall trip the DG Set after disconnection of the DG output with the present time. The AMF panel shall have facility to operate the set under test, Auto, Manual mode.

Note:- A bypass switch for AMF panel should also be provided so it can be used in case of malfunction of AMF panel.

SAMPLE CONTRACT AGREEMENT (ON STAMP PAPER OF RS.100)

[Format of agreement should be approved by Law Department at respective circle]

This agreement made aton thisday of2019 between -----(Designation), State Bank Of India, -----(Branch/Office), ----- (place)(hereinafter called Bank) on one hand and M/S....., -----(Place) (hereinafter called the contractors and which expression shall mean and include its successors, assignees, heirs, executors & administrators, legal representatives etc.) on the other hand. Whereas Bank has given contract for providing a -----KVA DG Set in CPCB compliant acoustic enclosure on hire basis at(Branch/Office),----- (Place) and whereas contractors have agreed to undertake the work for a SBI accepted tender rate of Rs.....(in words) per month as fixed charges. The contract shall be for three years starting .././.... subject to review and acceptance for continuation by the Bank at the end of each block of twelve months, the first ending .././..... . Original tender submitted by the contractors including terms and conditions, price bid and letter of award of work will form part of this contract.

**For State Bank of India
Stamp and Signatures**

**For (Name of Contractor)
Stamp and Signatures**

Witnesses:

- 1.
- 2.

Annexure-I
UNDERTAKING
(To be submitted along with the technical Bid)

To

VICE PRESIDENT (CIVIL),
SBI INFRA MANAGEMENT SOLUTIONS PVT LTD,
5TH FLOOR, D-BLOCK,
11, PARLIAMENT STREET,
NEW DELHI 110001.

Dear Sir,

Reg.: TENDER FOR Hiring of one 82.5 KVA &125 KVA Diesel Generator Set at CCPC, 11, Sansad Marg, New Delhi-110001

1. I / We refer to the tender notice issued by you for "Hiring of one 82.5 KVA &125 KVA Diesel Generator Set at CCPC, 11, Sansad Marg, New Delhi-110001". The above requirement is at CCPC, 11, SANSAD MARG, NEW DELHI" in connection with the above.
2. I / We hereby offer to perform, provide, execute, complete and maintain the works in conformity with the drawings, designs as specified by the manufacturer/SBI, conditions of contracts & specifications schedule of quantities relating to the works.
3. I will ensure that all necessary rules and regulations as on date prescribed by the appropriate/ concerned government authorities/ SBI/ Local Bodies are complied with under all circumstances.
4. I / We understand that you are not bound to accept the lowest or any tender you may receive.
5. ***The L1 contractor has to deposit 5% of the total contract value of three years in the form of a STDR in joint A/c of Bank & Contractor as security deposit for a period of three years duly discharged in favour of the Bank. The security deposit will be refunded on expiry/termination of the contract as the case may be after adjusting the dues payable by the contractor to the Bank.***
6. I / We have satisfied myself / ourselves as to the site conditions, examined the drawings and all aspects of the tender conditions, subject to above, I / We do hereby agree, should this tender be accepted in whole or in part, to:
 - a. Abide by and fulfill all the terms and provisions of the said conditions annexed here to,
 - b. Complete the works within **20 Days** as per the work programme enclosed with the tender in two or three shifts if considered necessary by the Employer / Consultants at no extra cost to the Employer.
2. I / We have deposited a **non-refundable amount of Rs. 2,000/- (Rupees Two Thousand only)** towards Processing fee of Tender and an **earnest money of Rs.26000/- (Rupees Twenty six Thousand only)** in the form of Demand Draft / Banker's Cheque drawn in favour of SBIIMS payable at New Delhi and State Bank of India payable at New Delhi, respectively which, I / We note, will not bear any interest and is liable for forfeiture.

- I. If our offer is withdrawn within the validity period of acceptance by the Employer.
 - Or
 - II. If the contract agreement is not executed by us within 7 days from the date of receipt of the letter of acceptance.
 - Or
 - III. If we fail to pay the security deposit as stipulated.
 - Or
 - IV. If the work is not commenced within 3 days after issue of work order.
3. I / We understand that you are not bound to accept the lowest or any tender you receive.

The names of **DIRECTORS** of our Firm are:

- 1. _____
- 2. _____
- 3. _____
- 4. _____

Yours faithfully,

Signature

Designation

Name of Partner / Director of the Firm, authorized to sign or name of person having power of attorney to sign the contract. (Certified true copy of power of attorney should be attached)

Signature and address of witnesses:

a. Signature

Name

Address

b. Signature.....

Name

Address

PRICE BID

ONLINE TENDER FOR HIRING OF ONE 82.5 KVA & 125 KVA DIESEL GENERATOR SET AT CCPC, 11, SANSAD MARG, NEW DELHI-110001

Sr. No.	Description	Unit	Quantity	Rate Per Month(Rs.)/ Diesel Consumption in Liter Per hour	Amount Per Month/ Amount of Diesel Consumption per Month (Rs.)
1	HIRING OF 82.5 KVA GENERATORS WITH SOUNDPROOF CANOPY ORIGINAL FACTORY FABRICATED AND PANELS, COMPLYING LATEST CPCB NORMS AS APPLICABLE (INCLUSIVE OF ALL EXPENSES (EXCLUDING FUEL), OTHER DUTIES, TAXES ETC. AS STATED IN THE TENDER DOCUMENT-ONLY GST WILL BE PAID EXTRA AS APPLICABLE AS ON DATE)	No	01		
2	DIESEL CONSUMPTION PER HOUR FOR 82.5 KVA D.G SET (For Comparison purpose, running hour will be taken as 30 hrs per month and Diesel rate Rs 68.00 per litre, X is the Ltr/Hr quoted) Calculation will be made as below: (X Ltr/Hr)*30 Hrs* Rs. 68.00	Ltr/Hr			
3	HIRING OF 125 KVA GENERATORS WITH SOUNDPROOF CANOPY ORIGINAL FACTORY FABRICATED AND PANELS, COMPLYING LATEST CPCB NORMS AS APPLICABLE (INCLUSIVE OF ALL EXPENSES (EXCLUDING FUEL), OTHER DUTIES, TAXES ETC. AS STATED IN THE TENDER DOCUMENT-ONLY GST WILL BE PAID EXTRA AS APPLICABLE AS ON DATE)	No	01		
4	DIESEL CONSUMPTION PER HOUR FOR 125 KVA D.G SET	Ltr/Hr			

	(For Comparison purpose, running hour will be taken as 30 hrs per month and Diesel rate Rs 68.00 per litre. X is the Ltr/Hr quoted) Calculation will be made as below: (X Ltr/Hr)*30 Hrs. *Rs. 68.00				
	T O T A L F O R D E C I D I N G L 1 (Sr. No. 1+2+3+4)				
	A M O U N T I N W O R D S				

SIGNATURE OF TENDERER

DATE:

SEAL