



State Bank Of India
RBO, Purnea

Tender Notice

NOTICE INVITING TENDER FOR HIRING OF 15 KVA DIESEL GENERATOR SET

AT SBI , Barhari Branch (08164)

Sealed tenders / quotations are invited by the undersigned from interested individuals / parties on hire basis of one no. of Acoustic type brand new Generator Set of 15 KVA in two part of bid system with following details:-

Tender document included with following :-	Annexures	Page no.
i. Notice		01-03
ii. Technical Specification Terms & conditions.	Annexure:- A	04-06
iii. General Terms & condition	Annexure:- B	07-11
iv. Technical bid Part-1 & 2	Annexure:- C	12-13
v. Price bid	Annexure:- D	14-14
vi. Format of contract agreement	Annexure:- E	15-15

(I) NOTICE:-

1	Scope of work	Hiring of Generator set of 15 KVA at Barhari Branch (08164)
2	Place of installation	SBI, Barhari Branch (08164)
3	Availability of Tender documents	The tender notice with terms & conditions including tender schedule is available at SBI Barhari Branch, Purnea Main Branch, RBO Purnea from date 19.06.2024 to 28.06.2024 during office hours
4	Last date and time of submission of tender	29.06.2024 by 4 pm at SBI, RBO, Kala Bhawan Road, Purnea Pin-854301 The applications must be submitted in person only. Applications received after the said time and date will not be entertained. Vendor / Contractor may depute their representative to remain present during opening of the Technical Bid(Part-1 & 2) and Price Bid.



5	Address at which Tender to be submitted	SBI, RBO Purnea, Kala Bhawan Road, Purnea, Pin:-854301
6	Date and time of opening of tender.	(I) Technical Bid-29.06.2024 at 5.00 P.M. (ii) Price Bid- 29.06.2024 at 5.00 P.M.
7	EMD detail	Earnest Money of Rs 50,000/-by way of Demand Draft/Bankers cheque in favour of State Bank of India, RBO Purnea payable at SBI Main Branch mentioning their name on reverse of DD/Bankers cheque. EMD amount will be adjusted with the Retention money.
8	Supply and installation of DG.	Within 30 days.
9	Validity of tender	90 days
10	Retention money/ Security Deposit of L-1 vendor.	The L-1 vendor EMD will be converted as Security Deposit. and will kept till the contract. The other bidder's EMD except L-1 will be refunded after finalization of tender.
11	Deduction of income tax and S.T. On works contract Act etc.	As per Central / State government rules.
12	Tenderer are advised to visit / inspect the site in consultation with Officers in charge / Engineers of concern Department before submission of tender in order to get acquainted with the proposed work and site condition.	
13	Tenderers have to submit the tender form in two part bid system i.e. Technical bid (Part-1&2) & Price bid in two separate envelopes . Envelope-I should be super	



	<p>scribed "Cover-I", Technical bid and mentioning the Name & address of the bidder and should contain the signed copy of the (i) Notice, (ii) Annexure:- A,B, & E (iii) Technical bid Part-1 & 2 (iv) Required documents and (v) EMD in the enclosed format. Tenderers have to mention the name & address on back side of the Demand Draft/Bankers cheque.</p> <p>Similarly Cover II should be super-scribed "Cover-II" & Price Bid and mentioning the Name & address of the bidder and should contain the signed copy of the Price bid in the enclosed format.</p>
14	L-1 will be decided as calculation formula mentioned in Price Bid. Page no-14, point - 6
15	Formula for calculation of monthly payment to the successful tenderer. Please refer to Page no-14, point - 7


14/06/2024

Signature (AGM/CM/HOD)

**Office -SBI, RBO, Purnea
Place-Purnea**

Date-



ANNEXURE -A

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 0.85PF .415 Volts, 3 Phases, 4 wires, 50 Hz (Single phase DG set up to 25 KVA depending on site conditions, may be hired)
- (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 : Brand new 15 KVA DG set with sound proof acoustic enclosure eco friendly, factory fitted and tested as per IE rule and pollution control board complaint.



(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 DG set shall be on Automatically on Mains Failure with a pre-set time. The Engine will be shut down automatically on resumption of mains power with a preset time delay through AMF Panel.

(h) The DG set shall be mounted on wheels or foundation as required.

AUTOMATIC MAINS FAILURE PANEL (WHEREVER REQUIRED):

(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
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Ammeter selector switch	KWH Meter	Frequency Meter
Running Hour Meter		

(iv) Indicating lamps for

Load on Mains.	Load on Generator	Set fails to start
Low Lubricating oil Pressure	High water temperature	

(v) Sets of Push Buttons for

Generator start / stop	Emergency trip	Auto Hooter
Auto / Manual /Test / Selector switch	Generator ON / OFF - Manually.	Mains On / OFF – Manually

(vi) Battery charger static, comprising of

Transformer	Rectifier	Trickle / Boost auto.
DC Ammeter	Mains Voltage Monitor	AMF Logic with three attempt starting facility

(vii) Protection

Over Voltage	under voltage	over load
Short circuit	over speed.	Under frequency & Earth fault

(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 if 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.

Date:

(Signature of the Tenderer)

Place:

Name:.....
Mobile no.....



ANNEXURE:-B

GENERAL TERMS AND CONDITIONS

1. Vendor should have an experience of at least two years in providing and operating genset of minimum 100 KVA capacity in different Govt. organization/PSU/Pvt. Sector.
2. Operation also includes topping of fuel, changeover operations etc., Wherever Auto Main Failure (AMF) is provided, the contractor to monitor on regular basis, the fuel level, topping if required and provide a operator in case of AMF failure. No additional charges will be paid for the same.
3. Generator should be available for operation 24x7. No additional rent or operator charges will be paid for operation on any holidays and weekends, if required.
4. 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.
5. 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.
6. 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.
7. 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 operator is responsible for compliance of all the rules & safety regulations etc.
8. The Contractor shall engage fully trained and adequately experienced workmen(minimum one year experience), 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.

9. 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.

10. 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.

11. All necessary tools like clamp meter, drilling machines and pliers and other essential tools for effective maintenance of the Diesel Generator equipments shall be provided by the contractor.

12. 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.

13. 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.

14. The Contractor /owner of the Diesel Generator set has to arrange at their own cost all necessary approval from State Government /PCB or any other Statutory body including environmental clearance, if required, for installation and running of Diesel Generator set at respective sites.

15. The contractor shall arrange for diesel and the cost will be reimbursed to them on an actual basis.

16. 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.

17. Owner / Contractor of the Diesel Generator set has to bear the installation / transportation charges of Diesel Generator set.

18. Owner / Contractor of the Diesel Generator set has to maintain a log book at the site to record the following :

i) Hour meter reading.

ii) Time for which the generator was operational (generator off and on timings).

iii) No. of Units Generated through DG Set

iv) Consumption of diesel.



The log book shall be submitted to the officer-in charge as and when called upon by the Officer-in charge.

19. Standby Generator set: The Vendor/Contractor will arrange to provide a standby generator set of same capacity in case of fault in main generator set. Expenses related to standby generator will be borne by Contractor. In case of poor performance/ non performance of DG set taken on hire, the penalty (twice hiring charges) per day may be deducted from the hiring charges for the month.

20. 5 % of annual contract value shall be kept as retention money (Performance Guaranty) during the contract period, which will be forfeited in case of poor performance or non performance. Any of the deliverables not being delivered for more than 2 days in quarter would mean "poor performance".

21. The contractor / firm shall be held responsible for any misdeeds / misbehaviour of their employees within the premises.

22. Self start Battery condition shall be well maintained for trouble free operation.

23. 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.

24. 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 Contractor. 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 by Contractor to the Concerned Energy Deptt. / Electrical Inspectorate, Electrical safety Deptt..

25. 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:

- a) Indian Electricity Rules 1910
- b) Local Regulations
- c) Pollution control rules (State /Union Govt. Rules)
- d) Electricity board (State / Union Govt. Rules)

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 Contractor/Vendor. 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.

26. The Hire charges quoted shall be inclusive of all taxes, duties, operator charges, night duty allowances, Overtime charges etc. but exclusive of GST. Bank will pay the hiring charges at monthly intervals after production of bill.

27. The initial period of contract is for 3 years period and renewable for further period of maximum 3 years, subject to satisfactory services.

28. Bank reserves the right to terminate the contract with one month prior notice.

29. The undersigned reserves the right to accept or reject any or all of the quotation/tender papers without assigning any reason whatsoever.

Date:

(Signature of the Tenderer)

Place:

Name:.....

Mobile no.....



ANNEXURE:-C

NOTICE INVITING TENDER FOR HIRING OF 15 KVA DIESEL GENERATOR

SET AT Barhari Branch

Technical Bid (Part:-2)

(I) Name of the tenderer :

(ii) Address of the tenderer.....
.....
.....

(iii) PAN No. (Attach Xerox copy) :

(iv) GST No.: (Attach self attested copy)

(v) Phone/Mobile No:-

(vi) Details of DG set installed / operated in different Govt. organization/PSU/Pvt. Sector performance certificate from user to be enclosed :

Name of Organization	Place	KVA	Make	From	To

I / we hereby irrevocably declare and unconditionally agreeable to accept all terms & conditions stipulated by the bank as per tender documents.

I am / we are in a position to supply and install the required no. of D.G. set of the prescribed capacity and make within 30 days from the date of issue of order from my / our own resources.

I / we declare that the particulars furnished above are true to the best of my knowledge and belief. I will be liable if any of the particulars furnished above is found to be false at a later date. I undertake to provide connecting cable, install protection panel and its earthing electrode and submit all required documents to the Bank, if and when required.

Date:

(Signature of the Tenderer)

Place:

Name:.....

Mobile no......



ANNEXURE:-D

NOTICE INVITING TENDER FOR HIRING OF 15 KVA DIESEL GENERATOR

SET AT Barhari Branch (08164)

Price Bid

(SHALL BE COVERED IN ENVELOPE - II)

1	Name & Address of the tenderer:-		
2	Fixed monthly hiring charges for Generator set excluding fuel	A	Rs.....per month (in figures) Rs.....per month (in words)
3	Consumption quote for fuel charges.(litres per hour)	B	Litres.....per hour(in figures) Litres.....per hour(in words)
4	Average monthly run given above	C	75 hrs per month
5	per litre cost of diesel on the day of opening of tender.	D	Rs.....per litre.
6	Formula for calculating L-1. (A + B x C x D)	E	Rs.....per month (in figures) Rs.....per month (in words)
7	Formula for calculation of monthly payment to the successful tenderer.		A + B x actual hour of run in the month for which bill has been raised x per litre cost of diesel on the last day of the month the bill is raised for.

Date:

(Signature of the Tenderer)

Place:

Name:.....

Address:-.....

Mobile no.....



ANNEXURE:- E

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

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

This agreement made aton thisday of2014 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(excluding fuel). 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 For (Name of Contractor)

Stamp and Signatures Stamp and Signatures

Witnesses:

1.

2.

