

TENDER ID : PAT201903024

SBI INFRA MANAGEMENT SOLUTIONS PVT LTD

(WHOLLY OWNED SUBSIDIARY OF SBI)

PATNA CIRCLE OFFICE

INVITES TENDERS ON BEHALF OF SBI PATNA CIRCLE

Manufacturers / Vendors dealing with Supply, Installation, Testing & Commissioning of Generator Sets in Bihar and Jharkhand State are only eligible.

(Manufacturers / Vendors should submit proof of the same)

FOR

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 125 KVA NEW DIESEL GENERATOR SET AT SBI, JAMSHEDPUR BRANCH, UNDER A.O. RANCHI

Last date of submission of Tender : Up to 3.00 P.M(IST) on 12.04.2019

Opening of Tenders : 3.30 P.M(IST) on 12.04.2019

CIRCLE HEAD

SBIIMS, CIRCLE OFFICE PATNA

Signature and Name, Address & contact nos. of Contractor

NOTICE INVITING TENDERS

SBIIMS, Patna Circle on behalf of SBI, Local Head Office, Patna invites Sealed tenders / quotations from Manufacturers / Manufacturer's authorised suppliers for Supply, Erection, Testing & Commissioning **ONE (01) NO. FACTORY FITTED BRAND NEW SOUNDLESS, ACOUSTIC TYPE GENERATOR SET OF 125 KVA CAPACITY WITH AMF PANEL INCLUDING CONSTRUCTION OF FOUNDATION WORK AND EARTHING WORK AT SBI, JAMSHEDPUR BRANCH** of the following specifications in two parts of bid.

1. Approved Brand: KIRLOSKAR, JACKSON, ASHOK LEYLAND

2. The minimum criteria for participation in the bid are as under:

- i) The capacity of the DG set offered should be 125 KVA and must be CPCB complaint.
- ii) Tender Cost of requisite amount. No tender will be considered without Tender Cost.
- iii) Applicant vendor should be an Income Tax Assesses with PAN No.
- iv) Vendor should have GST No.
- v) The Vendor Supplier must have supplied minimum 100 KVA DG set.
- vi) The vendor must have valid authorised dealership from DG set manufacturers.
- vii) The vendor must have adequate manpower for after-sales service.
- viii) Incomplete Technical specifications / Incomplete Tender are liable to be rejected.
- ix) The bidder must not be related to any staff member or close relative of staff of SBI.

The Bank will have the right to relax the minimum pre-qualification criteria in exceptional circumstances.

The details of the Tender are as under :-

S No.	Description	Details
1	Name of work	Tender for Supply, Installation, Testing & Commissioning of new 125 KVA Diesel Generator set at SBI Jamshedpur Branch under SBI, A.O. Ranchi
2	Time allowed for completion	30 days
3	Cost of Tender Papers(Processing fee) Non-refundable	Rs.1000/- (Rupees One thousand only) through “ SB COLLECT ” payment portal by using SBI Internet Banking site www.onlinesbi.com . The receipt of payment to be submitted along with the technical bid. Without tender processing fee tender will be rejected. The steps involved in making the payment is provided at Annexure-A
4	Earnest Money Deposit(EMD)	Nil
6	Security Deposit	5% of Contract/final bill value which will be deducted from contractor's bill and will be refunded 1(One) year after defect liability period provided the contractor attend to all defects satisfactorily during the one year defect liability period.
7	Date of issue of Tender Documents	29.03.2019 to 12.04.2019 from Bank's web site www.sbi.co.in under Link-Procurement news.

	from Bank's Website	
8	Address at which tenders are to be submitted	SBIIMS Circle office, Patna 2 nd floor, SBI Patna Main branch West Gandhi Maidan, Patna-800001
9	Last date of submission of Bid.	12.04.2019 Up to 3.00 P.M.
10	Date and time of opening of Tenders	12.04.2019 at 3.30 P.M. at the above address in presence of the vendors or their authorized representative who desires to be present.
11	Liquidated damages	0.50% of Contract amount per week of delay in completion of work subject to maximum 5% of contract value or final bill value.
12	Defect Liability period	12 Months from date of completion of work.
13	Terms of Payment	Only final bill will be paid. No Advance will be paid.
14	Validity of Tender	90 days from the date of opening of price bid
15	Eligible taxes	(A) TDS (if applicable) will be deducted at source as per govt. guidelines. (B) Reimbursement of GST will be made only on submission of proper GST Invoice as per applicable GST provisions/Rules. The contractor should comply with the following: * Contractor should have GST Registration Number. * Invoice should specifically/separately disclose the amount of GST levied at applicable rate as per GST provisions/Rules.
16	Information Regarding Submission of Tenders	Eligible vendors should download the Technical and financial bid from Bank's web site. Vendors should submit Technical and financial bids in 02 (two) separate sealed cover and super scribed with the name of the work. Both the Technical and financial bid should be in a separate large envelope sealed and super scribed with the name of the work. Technical bid: Technical bid should contain the following :- (i) Receipt of Tender processing fee. (ii) GST Registration copy (iii) All tender papers duly signed & stamped by the vendor. (iv) Copy of Authorised Letter from the Manufacturer from the appropriate authority. Without the any one of the above in the Technical bid, the Tender will be rejected and price bid will be returned without being opened. Financial/Price Bid/Item wise BOQ : Vendor should submit the price bid in a separate sealed envelope. The price bid/Item wise BOQ should only contain the priced offers and general rebate (if any). Any condition in the price bid/BOQ will be liable for rejection of tender.

Signature & seal of the Contractor

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 <https://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 gateway” 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 Vendor 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 Manufacturer / Vendor, whether dealing with SBI or other Bank can use this SB Collect facility. Even a Manufacturer / Vendor not dealing with any Bank, 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 vendor/contractor himself.

TECHNICAL SPECIFICATIONS:

DG Set Engine Technical Specification	
Capacity	125 KVA / 156 HP @ 1500 RPM under NTP conditions The engine shall confirm to BS: 5514 / ISO 3046 amended up to date
No. of Cylinders	4/6
Method of Operation	4 Stroke
Speed	1500 rpm
Aspiration	Turbo Charged, Inter-cooled
Cooling Method	Liquid cooled
Fuel Efficiency	In line with best of industry standards (please indicate)
Overload Capacity	Overload of 10% permitted for one hour in every 12 hours of operation.
Engine shall be complete with the following accessories	(a) Radiator (b) Corrosion inhibitor coolant (c) Paper element filters for fuel, lube oil and by-pass (d) Flywheel to single bearing alternator with housing (e) Dry type air cleaners and vacuum indicators (f) PT self Adjusting direct fuel injection system. (g) Residential Silencer – Hospital Type (h) Stainless steel flexible exhaust bellows (i) Electronic Control panel with digital governor suitable for synchronisation (j) 12 V DC Electric Starter (k) 12V DC Battery charging alternator (l) safety Control: High water temperature (HWT), Canopy Temperature (Trip & Indication), Low lube oil pressure (LLOP), Over speed stop (k) Air inlet system, Charging system, Control system, Exhaust system
Exhaust System	# Turbocharger # Companion flanges for silencer & bellow. # Residential silencer
Fuel Tank	In-built fuel tank with 185 litres capacity (min).
Alternator Technical Specification	
Rating	125 KVA at 0.8 PF (lag), 415 Volts, 3 Phase, 4 wire, 50 Hz, 1500 RPM. The alternator shall be Brushless type, self excited & self regulated through an AVR. The alternator must confirm to IS: 4722.
Frequency variation	As defined by Engine Governor +/-1%
Voltage Regulation	+/- 1.5% (from no load to full load)
Voltage variation	+/- 5%
Overload duration/capacity	10% for one hour in every 12 hours of continuous use.
Enclosure as per IS: 4691	SPDP, IP 23 with class 'H' insulation
Ventilation	Self ventilation air cooled

Ambient temperature	40 degree maximum
Temperature Rise	Within class F/H limits at rated load
Excitation Type	Brushless type, Self Excited & Self Regulated through an AVR from no load to full load
Type of AVR	Electronic
Standards	The alternator shall be in accordance with the following standards as are applicable: IS:4722/BS:2613/1970. The performance of rotating electrical machine. IS:4889/BS:269 rule for method of declaring efficiency of electrical machine.
Base Frame	Engine and alternator are mounted, coupled and aligned on a common channel iron fabricated Base Frame with pre-drilled holes.
Sound Proof Enclosure	
The generator shall be factory fabricated specially with superior quality acoustic enclosure made of 14 / 16 gauge CRCA sheet. Noise level should be 75 dbA at a distance of 1 metre under free field conditions and adhere to guidelines of MOEF and CPCB norms. The temperature of enclosure shall not exceed beyond 5-7 ⁰ C of ambient temperature.	
Generator Set Control Panel	
Features	Start / Stop Local and Remote Start / Stop Main Monitoring Generator Set Breaker Control Main Breaker Control Easily Accessible
Display	Engine Parameters: RPM, Oil Pressure, Coolant Temperature, Hour Meter, Battery Volts, Running Status, Event Recording Electrical Parameters: Voltage, Current, Hz, KVA, PF, KWh, KW, and KVAR, Breaker Status
Engine Protection	High water Temperature, Low Lube Oil Pressure, Engine Over Speed Shutdown
Electrical Protection	KW Overload, Unbalanced Load, Under/Over Voltage, Under/Over Frequency, Over Current Protection
AMF Panel	
General Features	The control panel shall be fabricated out of 1.6mm thick sheet steel, totally enclosed, dust, damp and vermin proof free standing floor mounted type & front operated. It shall be made into sections such that as far as feasible, there is no mixing of control, power, DC & AC functions in the same section and they are sufficiently segregated except where their bunching is necessary. Hinged doors shall be provided preferably double leaf for access for routine inspection from the rear. There is no objection to have single leaf hinged door in the front, all indication lamps, instruments meter etc. shall be flushed in the front. The degree of protection required will be IP-42 conforming to

	IS:2147.
Terminal blocks and wiring	Terminal blocks of robust type and generally not less than 15 Amps capacity, 250/500 V grade for DC upto 100V and 660/ 1100 volts grade for AC and rest of the junction shall be employed in such a manner so that they are freely accessible for maintenance. All control and small wiring from unit to unit inside the panel shall also be done with not less than 2.5 sqmm copper conductor PVC insulated and 660/ 1100 volts grade. Suitable colour coding can be adopted. Wiring system shall be neatly formed and run preferably, function wise and as far as feasible segregated voltage wise. All ends shall be identified with ferrules at the ends.
Labelling & Painting	All internal components shall be provided with suitable identification labels suitably engraved. Labels shall be fixed on buttons, indication lamps etc. The entire panel shall be given primer coat after proper treatment and powder coating with 7 tanks process before assembly of various items.
Equipment requirements	The control cubical shall incorporate into assembly general equipment and systems as under: (a) Control system equipments and components such as relays, contactors, timers, etc. both for automatic operation on main failure and as well as for manual operation. (b) Equipment and components necessary for testing generating set's healthiness with test mode and with load on mains. (c) Necessary instruments and accessories such as voltmeter, power factor meter, KW meter, KWH meter, Ammeter, Frequency meter etc. in one energy analyzer unit with selector switch to obtain the reading of desired parameters. (d) Necessary indication lamps, fuses, terminal blocks, push buttons, control switches etc. as required. (e) Necessary engine/ generating set shut down devices due to faults / abnormalities. (f) Necessary visual audio alarm indication and annunciation facility as specified. (g) Necessary battery charger. (h) Necessary excitation control and voltage regulating equipment.(Alternatively provided on the Alternator itself) (i) Necessary over head bus trunking terminations all internal wiring, connections etc. as required.
System Operation	The above mentioned facilities provided shall afford the following operational requirements. <u>Auto Mode:</u> (a) A line voltage monitor shall monitor supply voltage on each phase. When the mains supply voltage fails completely or falls below set value (variable between 80

	<p>to 95% of the normal value) on any phase, the monitor module shall initiate start-up of diesel engine. To avoid initiation due to momentary disturbance, a time delay adjustment between 0 to 5 second shall be incorporated in start-up initiation.</p> <p>(b) A three attempt starting facility shall be provided 6 seconds ON, 5 seconds OFF, 6 seconds ON, 5 seconds OFF, 6 seconds ON, if at the end of the third attempt, the engine does not start, it shall be locked out of start, a master timer shall be provided for this function. Suitable adjustment timers be incorporated which will make it feasible to vary independently ON/OFF setting periods from 1-10 seconds. If alternator does not build up voltage after the first or second start as may be, further starting attempt will not be made until the starting facility is reset.</p> <p>(c) Once the alternator has built up voltage, the alternator circuit breaker shall close connecting the load to the alternator. The load is now supplied by the alternator.</p> <p>(d) When the main supply is restored and is healthy as sensed by the line voltage monitor setting, both for under voltage and unbalance, the system shall be monitored by a suitable timer which can be set between 1 minute to 10 minutes for the load to be transferred automatically to main supply.</p> <p>(e) The diesel alternator set reverts to standby for next operation as per (a), (b) and (c)</p> <p><u>Manual mode:</u></p> <p>(a) In a manual mode, it shall be feasible to start-up the generator set by the operator on pressing the start push button.</p> <p>(b) Three attempt starting facility shall be operative for the start-up function.</p> <p>(c) Alternator circuit breakers close and trip operations shall also be through operator only by pressing the appropriate button on the panel and closure shall be feasible only after alternator has built up full voltage. If the load is already on 'mains', pressure on 'close' button shall be ineffective.</p> <p>(d) Engine shut down, otherwise due to faults, shall be manual by pressing a 'stop' button.</p> <p><u>Test mode:</u></p> <p>(a) When under 'test' mode pressing of 'test' button shall complete the start up sequence simulation and start the engine. The simulation will be that of mains failure. Sequence of Auto mode (a) and (b) shall be completed.</p> <p>(b) Engine shall build up voltage but the set shall not take load by closing of alternator circuit breaker. When the load is on the mains, monitoring of performance for voltage/ frequency etc. shall be feasible without supply to load.</p>
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	<p>factor, etc.</p> <p>(d) A set of push button as specified.</p> <p>(e) Relays, contactors, timers, circuit breakers as required.</p> <p>(f) Necessary battery charger with boost/ trickle selector, DC voltmeter and DC ammeter.</p>
Compatibility with 'Building Management System'(BMS)	PLC compatibility and required nos. of Input/ Output terminals points should be provided in the AMF control panel.
Battery	12 Volt Dry type batteries of standard make with leads and terminals shall be part of the equipment. The pack shall be suitably positioned and modular withdraw able to ease of servicing. The battery pack shall be minimum 150AH, Lower capacity battery pack will not be accepted.
Earthing System	
For Generator Neutral Earthing (02 sets)	<p>(a) Supply, fixing and laying of 600 mm x 600mm x 6mm copper plate as per IS-3043.</p> <p>(b) Supply, fixing and laying of 32mmx10mm copper strip partly underground and partly surface by necessary clamps etc. as required for earthing.</p> <p>(c) Supply and fixing of PVC sleeve suitable for 32mmx10mm copper strip.</p> <p>(d) Supply and fixing of 450mmx450mm heavy duty C.I. Earth pit cover with hinged door, bituminous paint.</p> <p>(e) Supply and fixing of 32mm dia, 5 mtr. Length G.I. Pipe (ISI-medium) for periodic treatment with G.I. Reducer.</p> <p>(f) Supply and pouring of Salt and Charcoal as per requirement.</p>
For Generator Body Earthing (02 sets)	<p>(a) Supply, fixing and laying of 600 mm x 600mm x 6mm G.I. plate as per IS-3043.</p> <p>(b) Supply, fixing and laying of 50mmx6mm G.I. strip partly underground and partly surface by necessary clamps etc. as required for earthing.</p> <p>(c) Supply and fixing of PVC sleeve suitable for 50mmx6mm copper strip.</p> <p>(d) Supply and fixing of 450mmx450mm heavy duty C.I. Earth pit cover with hinged door, bituminous paint.</p> <p>(e) Supply and fixing of 32mm dia, 5 mtr. Length G.I. Pipe (ISI-medium) for periodic treatment with G.I. Reducer.</p> <p>(f) Supply and pouring of Salt and Charcoal as per requirement.</p>

Signature of the Bidder with seal
Name, designation of signatory and name of Company

GENERAL TERMS & CONDITIONS

1. **Supply of Generator set** : The generator set should be supplied, installed, tested and commissioned within **30 days** from the date of order, which includes testing of system, delivery, installation and site inspection by the vendor. The vendor has to submit all the generator set test certificates at the time of supply & installation. Thereafter, an acceptance certificate would be provided by us on successful completion of the test. Bills accompanied by such Acceptance Certificate would only be valid.

2. **Warranty** : Vendor should provide unconditional warranty for a period of at least **12 months** for generator set under reference. During the warranty period of 12 (Twelve) months, if the generator set or any part/component thereof develops any defect, these should be attended to and rectified free of cost by the Vendor within 24 hours of receiving the complaint. There should be no restriction on the number of such free call visits by the vendor during the warranty period and the vendor will be required to attend free service calls as many times as required.

3. **Cost Price of generator set and its validity** : *Price (in Indian Rupees) should indicate Basic Price i. e. including the cost of transportation, insurance, duties, Labour charges etc. till destination point as also the cost of installation and commissioning.* Prices quoted shall remain valid for a period of 9 (nine) months. Bank may consider increase in prices due to the increase in taxes by the Government on the final product, during the currency of the Agreement. Bank also reserves the right to go in for a fresh tender in case of increase in prices during this period. The Bank also reserves right to call for fresh quotes at any time during the above period, if considered necessary. Any increase or decrease in prices during the contract period due to reasons including any change in Taxation Policy by the Government or any change in Foreign Currency rates shall remain to the advantage of the Bank. The generator sets should be insured against all risks at your cost till the date of installation and acceptance of the same.

4. **On-Site Repair and Maintenance Services** : The vendor shall arrange for service by qualified Service Engineers / Technicians for the generator sets during Warranty period for maintenance, repair and replacement of all spare parts, accessories, etc., and render such other support services as may be necessary for satisfactory functioning of the generator sets. No charges, fees, travelling expenses, accommodation, boarding, etc. shall be paid or provided by SBI to the Service Engineers/ Technicians or their assistants. The vendor shall keep SBI's offices informed of the details of Service Centers with addresses, telephone/ fax/ mobile numbers, etc. who shall be responsible for discharging the vendor's obligation under this clause, to enable SBI personnel to contact such representatives of the vendor.

5. **Fidelity & Secrecy** : The vendor and its employees will strictly undertake not

to communicate or allow to be communicated to any person or divulge in any way any information relating to the ideas, concept, know-how, techniques, data facts, figures and all information whatsoever concerning or relating to the Bank and its affairs to which the said employees have access in the course of performance of the contract. Such employees may also have to execute letters of fidelity and secrecy in such form as may be prescribed by the Bank to prevent its misuse.

6. Penalty:

- (i) The Bank reserves to itself during guarantee/warranty period the right to impose penalty which will include actual and consequential losses suffered by the Bank and which the Bank deems reasonable, if the vendor fails to comply with any of the conditions detailed hereinbefore. The generator sets shall, at all times, be kept in efficient running condition by regular preventive maintenance, immediate replacement of defective parts, etc.
- (ii) Delivery period of the generator set should be as per the LOI/ Purchase Order (120 days maximum from the date of issue of Work Order). Bank reserves the right to cancel the Purchase Order, if the vendor fails to deliver the generator sets within the stipulated period of delivery or the extended period of delivery (extension in the delivery period may be allowed at the sole discretion of the Bank). In the event of such cancellation, the vendor shall not be entitled to any compensation and Bank have the right to forfeit the EMD amount deposited at the time of tender.
- (iii) Penalty @ 1% of the cost of the machine will be charged per week or part thereof for delay beyond 120 days in supply of machines. This amount of penalty so calculated shall be deducted at the time of making any payment after successful installation of generator set.

7. Jurisdiction of arbitration: Jurisdiction of the court will be at Patna only.

8. Payment Terms : No advance is payable for purchase of the generator sets by the Bank. The payment will be made after successful supply, installation & commission of generator set in all respect.

9. Comprehensive Annual Maintenance Contract (AMC): The selected vendor will have to enter into a Comprehensive AMC, at the sole discretion of Bank, for a period of 3 years after the warranty period of 12 months at the rates specified in the Price Bid.

10. Work Requirement:

The work included in this tender comprises the following:

- (i) Supply, Erection, Testing, & Commissioning of 125 KVA new DG set with all necessary peripherals including cabling and civil work for foundation, Installation & Commissioning of AMF panel and construction of Earthing pit for generator set.
- (ii) Documents for all the systems and equipment including operation and maintenance manuals, spare part list, licences and certification by relevant authorities and other statutory bodies.
- (iii) Training of the Bank's staff in operation, maintenance and defect diagnosis of the system.
- (iv) Guarantee / Warranty of the DG set and peripherals supplied under contract for a period of one (01) years from the date of commissioning.
- (v) Comprehensive Annual Maintenance Contract (AMC) of the DG set and peripherals

supplied under the contract over a period of three (03) years after expiry of Guarantee / Warrantee period of one (01) years.

(vi) Full Load testing shall be conducted at the supplier's works and delivery of equipment will be done only after satisfactory testing clearance and approval by the Bank.

11. Site Familiarisation:

Before quoting, the Tender in his own interest shall carry out site visit to know the site conditions and full implications of the assignment. This will also help him in proper assessment of the work. Failure to do so will not absolve the contractor / vendor of his responsibility to carry out the work as specified in the Tender Document. The cost of visiting the site shall be borne by the Tenderer and shall be at his own responsibility and risk.

12. Interested vendors may submit the following documents, duly signed, in the prescribed format placed in

Envelop-I marked as “**Technical Bid**”.

- i) **Tender Cost Details**
- ii) **Earnest Money Deposit (EMD)**
- iii) **Tender notice (this is the document you are reading now)**
- iv) **Technical Bid (Annexure-I)**
- v) **General Terms and Conditions (Annexure-II)**
- vi) **Technical Bid (Annexure-III)**

The **Price Bid** in the prescribed format should be placed in the **Envelop-II** marked as “**Price Bid**”.

The above-mentioned **Envelopes I and II** should be placed together in another envelope super-scribed as **“Tender for Supply, Installation, testing & commissioning of 125 KVA generator set at SBI, Jamshedpur Branch”**.

13. Applications complete in all respects should reach the CIRCLE HEAD, SBI INFRA MANAGEMENT SOLUTION PVT. LTD., 2ND FLOOR, PATNA MAIN BRANCH, WEST GANDHI MAIDAN, PATNA – 800 001 by 3.00 p.m. upto 12.04.2019. The applications may be submitted either through post / courier or in person. Applications received after the said time and date will not be entertained.

14. The Technical Bids contained in the Application Form will be opened at 3.30 p.m. on 12.04.2019 in the office of the CIRCLE HEAD, SBI INFRA MANAGEMENT SOLUTION PVT. LTD., 2ND FLOOR, PATNA MAIN BRANCH, WEST GANDHI MAIDAN, PATNA – 800 001. The vendors may depute their representative to remain present during opening of the Technical Bid. Vendors should note to bring the Company's Authorization letter at the time of tender opening, and their representative should be fully authorized to commit in writing on behalf of their companies.

15. Evaluation of the Technical Bids will be carried out by a Committee of Bank Officers and the short-listed bidders will intimated suitably. Thereafter, Price Bid will be opened

on a specified date and time which will be intimated to the shortlisted bidders in advance. **L1 will be selected on the basis of lower cost plus AMC charges [See Price Bid format].**

16. Mere fulfilment of the criteria does not necessarily ensure short listing. Bank reserves the right to reject any or all quotations, without any reason.

17. For queries, please contact:

MANAGER (E.E.): 9608253434

e-mail: headpat.sbiims@sbi.co.in

**Circle Head
SBIIMS, Circle Office, Patna**

Date:

Signature of the Bidder with seal
Name, designation of signatory and name of Company

Place:

PART – A**TECHNICAL BID** (Comprising of 2 pages)**TENDER FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF
125 KVA DIESEL GENERATOR SET AT JAMSHEDPUR BRANCH**

1	Name of the Vendor	
2	Constitution i.e. proprietary, partnership or Company	
3	Address, telephone no, mobile no, fax no, email ID along with name of key persons	
4	Year of Establishment	
5	Tender Cost Details (attach proof)	
6	PAN No. (attach copy)	
6	GST No. (attach copy)	
7	Details of Generators supplied to Govt. / Semi Govt. / Public Sector / Pvt. Sector during last 3 years (Attach Performance certificate from the user)	

Date:

Place:

Signature of the Bidder with seal

Name, designation of signatory and name of Company

Technical Data**Generator set specifications**

Model	
Prime power Rating	
Output voltage and frequency	
Power factor	
No. of Phases	

Engine specifications

Make	
Model	
No. of cylinders	
Aspiration	
Bore & stroke	
Displacement	
Output Prime	
Fuel consumption @ 75% load with Radiator & Fan	
Fuel consumption @ 100% load with Radiator & Fan	
Compression Ratio	
Governor / Class	
Cooling	
Coolant capacity	
Silencer type	
No. of silencer	

Alternator specifications

Make	
Frame size / Model No.	
Rating KVA KW	
RPM	
Frequency	
Voltage	
No. of phases	
Power factor	
Voltage Variation	
Rated full load current	
Excitation	
Insulation	
Excitation type	

Date:

Place:

Signature of the Bidder with seal
Name, designation of signatory and name of Company

PART – B

Price Bid

TENDER DOCUMENT

Sealed tender / quotation for **Supply, Installation, Testing & Commissioning of one (1) no. new 125 KVA D.G. set with acoustic enclosure and AMF panel, factory fitted and tested as per IE rule and pollution control board compliant of reputed make along with Civil foundation and Earthing work at Jamshedpur Branch (Exclusive of GST).**

PART 'B' SHALL BE OPENED ONLY FOR THE BIDDERS SHORT-LISTED IN TECHNICAL BID.

1	Name of the Vendor	
2	Postal Address with Telephone / Mobile no and e-mail.	
3	Make of DG set	
4	Capacity of DG set	
5	Cost for Supply, Erection, Testing & Commissioning of Outdoor, Silent, Acoustic type 125 KVA DG set with AMF Panel as per technical specification given in the tender as per specification AND all complete.	
6	Cost of AMF panel as per approved drawing and specification	
7	Cost of Civil work for foundation and Earthing work for Neutral earthing (2 nos.) and Body earthing (2 nos.)	
8	Total capital cost (5+6+7)	
9	Comprehensive AMC cost (aggregate for three years commencing after two year of Guarantee/Warranty)	
10	Total Capital and AMC cost (8+9)	

Price (in Indian Rupees) should be i.e. Basic Price, cost of transportation, insurance, Labour charges etc. till destination point (Jamshedpur Branch) as also the cost of installation and commissioning excluding GST. I / we hereby declare and undertake to provide the D.G. set as per the specified parameters strictly within the time schedule falling which no any further correspondence will be entertained.

Date:

Place:

Signature of the Bidder with seal

Name, designation of signatory and name of Company