

TENDER FORM FOR PURCHASE OF GENERATOR SET

F.No.3-4/ADVT (GENERATOR)/KV-KLS/2016-17/832

Dated 09/03/2017

Tender Form SL.NO.

Cost of Form: - 500/-

Date of sale:-

To,

30 KVA DIESEL GENERATOR SET

Sealed tenders are invited for the 'SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THREE PHASE SILENT DIESEL GENERATOR SET of 30 KVA capacity with acoustic enclosure and other accessories as per specification mentioned herein under in two bid system i.e. Technical Bid and financial Bid by **The Principal, Kendriya Vidyalaya Kailashahar, Kamrangabari, Unakoti, Tripura, 799279**, from manufacturers or their authorized distributors and also from Government/Semi-Government Organizations and Public Sector Undertaking through registered post, speed post, courier or these can be put personally at the office of the undersigned latest by **17th March 2017**.

Sl. No.	Name of the item and Scope of work	QTY.	Delivery Period	Application fee
1.	Supply, Installation, Testing and Commissioning of 3 phase 30 KVA(Air Cooled/Water Cooled), 24KW, 415 Volt, 50 Hz, 0.8PF, 1500 rpm star connected Silent Diesel Generator Set, with all necessary items as on display of Digital Multi-parameter (like volt-meter, ampere-meter, frequency meter, KW meter etc.) and other features as per company design, with factory assembled, modular, weather proof, free standing, outdoor type, with acoustic enclosure and residential type silencer in compliance with CPCB-II norms compliant, and type approved by National Aerospace Laboratory / ARAI / FCRA (attach proof) Including cost of transportation, loading, unloading, leading, installation, and any other charges as per Performa for price schedule if any to place the machine on the plinth testing and calibration of energy meter, getting approval from KSEI etc as required (Technical specification shall be referred)	01 No.	10 days	Rs.500/- (Non-refundable)

SIGNATURE &SEAL OF TENDERER

Nature of Tender	: Competitive, Two bid system
Period of completion	: 10 days from issue of work order
Place & official for receipt of tender	: Kendriya Vidyalaya Kailashahar Vill.-Kamrangabari, Post: - Gournagar, Unakoti, Tripura, Pin Code-799279
Cost of tender form	: 500/-
EMD	: 20000/- (Those who have already paid vide earlier tender notice F.No.3-4/ADVT (GENERATOR)/KV-KLS/2016-17/ dated 30/01/2017 need not to pay again.)
Last date of receipt of Tender	: 05:00 PM on 17 th March 2017
Time of opening of Tender	: 11:00 AM on 18 th March 2017

Tenderers are advised to quote their Rate after careful study of the technical specifications of required Diesel Generator Sets as enclosed herewith at Annexure 'A' as well as the following terms and conditions:-

1. Separate envelope should be used for Technical Bid as well as for financial Bid. The word "TECHNICAL BID/ FINANCIAL BID for Diesel Generator Sets due to open on 18th March 2017 at 11:00 am shall be prominently marked on the top of envelope and both these sealed envelopes (Technical Bid and financial bid) should further be put in a bigger envelope duly sealed and super scribed properly before sending by post. Tender envelop(s) must be sealed and super scribed "**TENDER FOR SILENT DG SETS**" which shall be addressed to **Principal, Kendriya Vidyalaya Kailashahar Vill.-Kamrangabari, Post:- Gournagar, Unakoti, Tripura, Pin Code-799279** .The tenders should reach this office by **05:00 PM on 17th March 2017** as per tender notice.
2. The Technical Bids will be opened first on 18th March 2017 at 11:00 am and the financial Bid will be opened only after scrutiny of technical bid and technical evaluation of the Diesel Generator Sets. In case the office is closed on this date due to any of the reasons or it is not possible for us to open the quotations on this date because of any of the reasons, the quotations will be opened at 11:00 am on the next working day.
3. Only Original Equipment Manufacturers, authorized distributor or their representative on their behalf with proper documentary evidence and ID can participate in the tender. The firm should submit proof of their manufacturing issued by any Govt. Agency like NSIC, DGS&D, Ministry of Industries etc. & authorized distributorship. This is subject to verification if necessary.
4. The tenderer should have minimum 3 installations of 20 KVA, 30 KVA or above capacity in North Eastern Region of India (copy of work order / invoice if any, address & telephone number of the client to be attached.)

5. *The tendering firm will demonstrate their products i.e. Diesel Generator Set before Technical Committee for assessing its suitability/compatibility as per tender's Technical Specifications within short period.*
6. Only authorized representatives will be allowed to attend the meeting of the Purchase Committee or committee for screening and evaluation of tender.
7. The tender cost, is of **Rs.500/-**, is nonrefundable which can be paid by demand draft/Cheque/NEFT/RTGS. Detail of the bank account for depositing/paying application fee or earnest money is as follows:

Account Name – Principal KV Kailashahar
Account No. – 11540059151
Bank and branch- SBI, Kailashahar
IFSC- SBIN0005592

8. The tenderer shall pay or deposit EMD of **Rs.20000/-** through Bank Demand Draft/Cheque/NEFT/RTGS as detail specified above (Those who have already paid vide earlier tender notice F.No.3-4/ADVT (GENERATOR)/KV-KLS/2016-17/Dated 30/01/2017 need not to pay again). Tenders without payment of the stipulated EMD shall be rejected forthwith.

NOTE: - Please attach proof if application fee or EMD or both has/have been paid through electronic transfer (NEFT/RTGS).

9. In case the firm fails to attach the demand draft / receipt of tender fee, the tender shall be rejected straightway.
10. Incomplete tender will not be accepted.
11. Conditional tender will not be accepted.
12. **Optional tender will not be accepted.** The firm should have to quote only one model. The option either in model or in rates will not be accepted and the tender will be rejected straightway.
13. All papers to be submitted are to be signed and stamped by the bidder (Photostat copies may be retained by the tenderers). Incomplete tenders are liable to be rejected.
14. The price must be quoted as per Performa for price schedule Annexure "C". The Tenderer must quote the price both in words as well as in figures. Any over writing/cutting etc. render the tender invalid. **The option in the rates will not be entertained and the tender will be rejected straightway.**
15. Tenderer would not be permitted to alter or modify their bids after expiry of the deadline for receipt of Bids.
16. If the supply is found inferior to the sample approved by the Purchase/Technical Committee, the consignment will be rejected. The supplier will have to take back

- the consignment at his own cost and replace it within fresh stock as per approved samples within 15 days.
17. The purchase committee, in order to satisfy itself can order on the spot enquiry to verify the soundness, capability, viability and any other information given by the tendering firms.
 18. **The Bid shall remain valid for twelve calendar months from the date of opening of the tender i.e. 18th March 2017.**
 19. The payment will be made after Supply, Installation, Testing and Commissioning of said generator set and other accessories as per specification laid down in good condition. No advance payment will be made. Under no circumstances, sub-standard material will be accepted.
 20. The Purchase Committee reserves the right to relax any terms and condition in the govt. interest with the approval of Competent Authority.
 21. The purchase committee reserves the right to reject any tender or all tenders without assigning any reasons thereof.
 22. The Competent Authority can terminate/recall the tender due to administrative reasons.
 23. All disputes are subject to the jurisdiction of the Courts at Kailashahar.
 24. **A copy of terms and conditions duly signed & stamped by the tenderer, as a token of acceptance of the same should be attached along with the tenders.**
 25. Only Sales Tax/VAT payee agencies are eligible to fill this tender. Interested agencies must quote their Sales Tax No. /VAT in their quotation and also attach documentary proof of having registered with sales Tax/VAT Department for sale of items etc. with technical bid.
 26. The copy of latest VAT/Sales Tax Return must be attached with the technical bid.
 27. The tender will be rejected straightway without assigning any reasons if the firm declared black listed by any Govt. /Semi govt. department/agencies etc.
 28. Tenderer(s) shall indicate complete technical specifications and all features of the quoted Diesel Generator Set(s) and also submit its literature/brochures with the technical bid.
 29. The tendering firm will also submit a certificate that the product offered by them is as per technical specifications of the tender.
 30. All the bidders whose technical bid is declared qualified by the Purchase Committee will demonstrate their product before the Technical Evaluation Committee at a short notice.
 31. The bidder should carry an onsite **comprehensive warranty/guarantee** of Diesel Generator Set(s) for a period of at least 24(twenty four) months.

32. If the performance of any individual equipment or System fails to meet the contract specifications then the same shall be replaced by the Supplier free of cost during the term of the warranty/guarantee period.
33. The maintenance services shall be **free of cost** during the warranty/ guarantee period.
34. During the term of warranty/guarantee the service/repair calls will have to be attended by the Supplier within twenty four hours from the time of such calls. The defective card/item/ equipment should be repaired the same day at Purchaser's location. In case of major defects requiring the defective card/item/equipment to be taken to the Supplier's workshop, it should be returned within a week duly repaired and an immediate substitute card/item/equipment will be provided by the Supplier for the smooth operation of the System. The to and fro transportation of the card/item/equipment will be the responsibility of Supplier.
35. Apart from the service/repair calls, the service engineer deputed by the Supplier will visit the site once every month to assess the serviceability of the System and once in every 03 months to carryout the Preventive Maintenance and diagnostics of the system during the Warranty Period.
36. The bidder should submit copy of certificates regarding IS/ISI as indicated in the technical specifications [Annexure "A"] and attached with technical bid.
37. Successful tenderer shall ensure backup for post warranty service requirements. Details for the same shall be furnished.
38. Principal K.V. Kailashahar reserves the right to accept or reject any or all tenders without assigning any reason whatsoever.
39. Payment will be released as per actual quantities of each item executed at site.
40. The tenderer shall visit the site and ascertain the site condition and location of work if needed.
41. Successful bidder has to pay performance security @ of 10% of total cost of generator set which will be kept reserved up to expiry of warranty period otherwise payment will be released after deducting performance security as specified.

NOTE:-

(A) DOCUMENTS REQUIRED TO BE ATTACHED WITH TECHNICAL BID IN THE FOLLOWING ORDER:-

1. The proof for payment of application fee must be attached with tender form.
2. Certificate regarding registration with DGS&D, NSIC, if any.
3. Sale Tax/VAT Registration Certificate.
4. Latest Sales Tax Clearance Certificate/Latest VAT deposited receipt.
5. Copy of authorized distributorship/Manufacturer.

6. Technical specifications of the product offered along with literature/brochure/ Maintenance manual and spare parts catalogue.
7. Copy of terms and conditions (tender form) duly signed with seal of the firm on each page, as token of acceptance of terms and conditions.
8. All the firms/company participating in the tender must submit a list of their owners/partners/directors etc. and a Certificate to the effect that the firm not blacklisted by any Govt. Department.
9. All other supporting documents as required in the tender shall be attached.
10. If the tenderer fails to enclose any or all of the above documents his offer is liable to be rejected and will not be considered for empanelment.
11. Proof of approval from Aerospace Laboratory/ARAI/FCRA for type of silencer in compliance with CPCB-II norms.
12. Warranty Certificate as per Annexure –D
13. Proof of firm not black listed

(B) DOCUMENTS REQUIRED TO BE ATTACHED WITH FINANCIAL BID IN THE FOLLOWING ORDER :-

FINANCIAL BID shall contain price only and no other documents shall be enclosed with the financial bid.

Rates including of all taxes of the item quoted by the tenderer shall be submitted on their Letter Pad as per Annexure “C” format in clear terms, in words and in figures. The cutting & over-writing in the financial bid is not valid. The price quoted in financial bid should be inclusive of all taxes as per Annexure “C”. **The option in the rates will not be entertained.**

Signature of the Authorized Signatory of the
Agency/Firm/Distributor
(With Seal)

Date:

Full Name of the Signatory with Designation

Annexure-A
TECHNICAL SPECIFICATIONS -- SILENT DIESEL GENERATOR SET-- CAPACITY 30 KVA

S.No	Parameter	Specification
	<u>ENGINE</u> Make	Kirloskar green, Cummins, Powerica, Mahindra, Other Branded
1	Engine Capacity	40 BHP Min
2	Speed	1500 RPM
3	Excitation	Self-excited and self-regulated
4	Fuel	Diesel
5	Cooling System	Air Cooled/ Water Cooled
6	No. of Cylinder	3
7	Start	Electric Start, 12 V DC
8	Exhaust Silencer	Residential Type Silencer
	<u>ALTERNATOR</u> Make	KEL, BHEL, Kirloskar green , Cummins, Powerica
9	Rating /connection	30 KVA, 24KW (+ 10% upwards variations)/ star connected
10	Phase / Frequency/Type	3 phase / 50Hz/ Brush less, self excited self regulated continuous duty
11	Output Voltage Variation on load	415 Volt \pm 5%
12	Output Frequency on load	50 Hz \pm 0.25%
13	Power factor	0.8
14	Voltage regulation	+/- 1%
15	Insulation Class	H
16	Ingress protection class	IP 23
17	Warranty	All-inclusive warranty of 24 months.
18	Documents	All manuals for operation and maintenance of the DG set must be provided.
19	Standards	Alternator and Generator and other items used in the DG set should conform to IS standards. (Item 25)
20	Installation	Vendor must quote for installation, Earthing, commissioning, construction of RCC platform, Armoured cable, change over MCB, GI pipe and iron shed for the DG set at the site.
21	Environment protection	The DG set must meet all environment protection rules & regulations of Govt. of India in respect of noise and emission norms.
22	Battery	with metallic / wooden stand 12V, 80/75 Ah Min Exide Express or OEM make
23	Type of acoustic enclosure	Rectangular cubicle in shape, weather proof outdoor duty type with integrated residential type silencer, built by Original Engine Manufacturer and factory integrated
24	Sound level with Acoustic Enclosure	75 dB at a distance of 1 metre as per ISO 8528/3744 standard

SIGNATURE & SEAL OF TENDERER

25	Fuel tank	Totally Integrated to the acoustic enclosure with minimum 8 hrs. of operation on 75% load with fuel level indicator on or inside acoustic enclosure.
26	Conformance standards	IS 4722, IS 1460, IS10000

S.No	Parameter / Specification
	<u>CONTROL PANEL</u>
1	Integrated inside the acoustic enclosure and fully accessible on opening the door of the acoustic enclosure, fabricated out of 16 SWG CRCA sheet with powder coated paint & consisting of following
2	Digital LCD display for all engine, battery, fuel & alternator parameters
3	Engine & alternator monitoring & safety system with additional safety controls like high oil temperature trip, high water temperature trip etc
4	Current transformer (CT) of suitable class & ratio (3 nos.)
5	Electronic Energy Meter (L & T/El measure/Conzerv/OEM make)
6	Ammeter, Volt meter, Frequency meter
7	LED Indicators for 'DG ON', 'Load ON'
8	3 Phase Line Voltage Monitoring facility (LVM)
9	32A, 4 pole MCB (Legrand /Schneider/L&T/ Merlin Gerin/OEM makes only)
10	4 pole (3ph & N) 415 volts RCCB having a sensitivity current upto 100mA
11	Control wiring and power wiring upto MCB with a laminated copy of wiring diagram fixed inside the control panel

Signature of the Authorized Signatory of the
Agency/Firm/Distributor
(With Seal)

Date:

Full Name of the Signatory with Designation

ANNEXURE B

TECHNICAL BID

**TENDER FOR PURCHASE OF DIESEL GENERATOR SETS FOR
KENDRIYA VIDYALAYA KAILASHAHAR, UNAKOTI, TRIPURA**

1. NAME OF THE FIRM :

2. CORRESPONDENCE ADDRESS WITH
TELEPHONE NO. AND E-MAIL ID :

3. LOCAL ADDRESS WITH TELEPHONE NO. AND
E-MAIL ID :

4. WHETHER REGISTERED WITH NSIC/ DGS&D, IF
YES ATTACH COPY :

5. SALES TAX/VAT REGISTRATION PROOF :

6. LATEST SALES TAX/VAT RETURN
:
:
:

7. APPLICATION FEE and EMD :Demand Draft No.:
Date:
Bank: Amount
:
:

8. COPY OF TERMS AND CONDITION DULY
SIGNED :

Signature and Seal OF TENDERER

NAME IN BLOCK LETTERS:

FULL ADDRESS:

SIGNATURE &SEAL OF TENDERER

ANNEXURE "C"**FINANCIAL BID****PROFORMA FOR PRICE SCHEDULE****TENDER FOR PURCHASE OF DIESEL GENERATOR SET FOR USE AT K.V. Kailashahar****Mention Type of Cooling (Air Cooled / Water Cooled)-.....**

S. No.	Description of work/ item		Amount In Indian Rupees (Including all taxes/ duties /govt. levis/freight etc.) In Figure as well as in words
A	B	C	F
1.	Price of 3 phase 30 kVA 24 kW 415 Volt, 50 Hz, 0.8 PF, 1500 rpm star connected Brush less, self-excited self-regulated continuous duty DC starting Silent Diesel Generator Set, with all necessary items as on display of Digital Multi-parameter (like volt-meter, ampere-meter, frequency meter, KW meter etc.) and other features as per company design, with factory assembled, modular, weather proof, free standing, outdoor type, with acoustic enclosure and residential type silencer in compliance with CPCB-II norms compliant, and type approved by National Aerospace Laboratory / ARAI / FCRA (attach proof), (Technical specification shall be referred) getting approval from KSEI etc as required.	1 set	
2.	Charges of Supply, Installation, Testing and Commissioning	1 set	
3	Taxes as applicable -		
	(A) Excise Duty		
	(B) CST		
	(C) VAT		
	(D) Any Other Tax		
	Total		
4	Cost of transportation, loading, unloading, leading, and incidental charges if any to place the machine on the plinth and including testing and calibration of energy meter.		
5	Branded Armored Cable (Aluminum) 45/35 sq. mm 3.5 core/ as required	Per meter	
6	Branded Armored Cable (Aluminum) 25 sq. mm 3.5 core/ as required	Per meter	
7	Branded Multi stand copper wire 25 mm	Per meter	
8	Construction of suitable size concrete foundation 1:2:4 with iron shed for the DG set with provision for cable entry etc (100 mm extension on all four sides to the dimension of DG, height 400 mm above ground level, 200 mm below ground level)	1 Cu. m/ for complete job	
9	Branded Changeover 100 Ampere	Each	
10	Branded Change over 63 Ampere	Each	
11	Branded MCB 63 ampere with MCB box	Each	
12	Branded GI Pipe	Per meter	
13	Branded GI Wire	Per Kg	
	Total (In Words): Rupees		

SIGNATURE &SEAL OF TENDERER

It is hereby certified that we have understood all the terms and conditions specified in the tender document and are thoroughly aware of the nature of job required to be done and goods/items to be supplied. We agree to abide by all the tender terms and conditions. We hereby offer to supply the goods/items detailed above as you specify in the notification of award.

Place:

(Signature and seal of Bidder)

Dated:

NAME IN BLOCK LETTERS:

ANNEXURE D

WARRANTY/GUARANTEE CERTIFICATE

We hereby undertake to furnish two years (24months) onsite warranty-guarantee and free maintenance service from the date of commissioning.

Signature and Seal of tenderer

Date:

Full Name

Place:

(to be attached with technical bid)

FINANCIAL REPORTS FOR THE LAST FIVE YEARS

(Balance sheets, Profits and Loss Statements, Auditor's reports, etc.
List below and attach copies)

1. _____.
2. _____.
3. _____.
4. _____.
5. _____.
6. _____.
7. _____.
8. _____.
9. _____.
10. _____.