



BOARD OF INTERMEDIATE & SECONDARY EDUCATION KOHAT

Bannu Road (Near Indus Highway Junction) Kohat. Ph # 0922-9260777, 9260779, 9260785 Fax # 9260778



Notification, (Tender for Heavy Duty Generator, June 2022) Dated: **15/06/2022**

BISE Kohat had advertised and uploaded a Tender Notice for procurement of Heavy Duty Generator, for which pre-bid meeting was held in conference room of BISE Kohat on 15/06/2022. The meeting was attended by procurement committee of BISE Kohat, consultants/experts and the bidders at 11:00 AM. Bidding documents i.e. technical and financial specifications etc were discussed thoroughly and edited the previously uploaded documents and were highlighted in yellow as shown in the revised bidding documents. So, it may be considered as the final bidding documents, so it is notified for information.

Note: Technical bids shall be opened as per the tender notice already uploaded.

(Secretary/Chairman)
BISE Kohat

BOARD OF INTERMEDIATE & SECONDARY EDUCATION



KOHAT



Tender Form

for Procurement of Heavy Duty Generator 150 KVA

Note: Both technical bids and financial bids must be submitted in two separate sealed inner envelopes marked **“1-Technical bids and , 2-Financial bids”** which should be packed in one outer envelope, and will be opened as per KPPRA rules.

Name of the firm: _____

Address: _____

Phone No: _____ Cellular: _____

NTN: _____ S. Tax Reg. No: _____

KNTN No: _____ KPRA No: _____

Call Deposit No: _____ Amount: _____

Bank Name: _____ Date: _____

Email Address: _____



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OUR FAITH, CORRUPTION FREE PAKISTAN

SAY NO TO CORRUPTION

TENDER NOTICE FOR PROCUREMENT OF GENERATOR (JUNE - 2022)

Sealed tenders are invited from GST, FBR/KPRA (where applicable) etc registered firms/manufacturers/authorized dealers having good reputation & financial stability for the procurement of Heavy Duty Generator 150 KVA through **Single Stage -Two Envelope bidding procedure as per Rule 06 (2b)** of the Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Procurement Rules 2014. Last date for submission of bid, is 21.06.2022, 10:30 AM. Bids received will be opened on the same day i.e. 21.06.2022 at 11.30 AM in presence of the bidders or their authorized representatives (if any) and respective committee members at conference room of BISE Kohat as per KPPRA rules. Sealed bids complete in all respect & fulfilling the following conditions should reach the office of the undersigned within the stipulated time.

Terms & Conditions:

1. Tender form and bidding documents etc. can be downloaded from BISE Kohat websites (www.bisekt.edu.pk) & KPPRA. Bidding documents etc can be obtained from the office of the undersigned during office hours. Only the tender form uploaded & issued by BISE Kohat shall be acceptable.
2. The bidders shall be bound to fill the tender form and attach copies of CNIC, GST, ATL, NTN, KPRA/ FBR registration etc and original Call Deposit receipt of Rs.130000/- deposited at any bank in the name of Secretary BISE Kohat.
3. The bidder shall be bound to submit attested copies of the documents i.e original CDR, CNIC, GST, NTN, KPRA/FBR registration etc to Secretary BISE Kohat office up to 21.06.2022, 10.30 AM via courier/registered post or by hand.
4. Brochures/detail specifications of the Generator having seal and signature of the respective firms affixed on it must be provided with the bids/tenders. No tender/bid will be accepted without Brochures/detailed specifications and call deposit. Furthermore, 10% (tender security) of the total cost will have to be deposited by the successful bidder/firm before the issuance of the supply order.
5. The contractor or his representative may be present at time of opening of the bids.
6. Any Bidder who provide false, or materially inaccurate or incomplete or do not send information in hard form will be disqualified as per KPPRA Act Section 29 (1) read with KPPRA Rule (43). Furthermore this office will recommend cases for debarring/black listing and will initiate/take action in light of approved procedure/ mechanism as per KPPRA Act section 29 (2) read with KPPRA Rule (44).
7. Bids will remain valid for 90 days from the closing date of bids. (As decided by this office in light of Standard bidding documents).
8. All applicable taxes will be recoverable as per directives of the government in vogue.
9. Any addition made in the terms of & conditions in the NIT advertised will be implemented as per KPPRA Rules.
10. Pre bid meeting will be held on 15.06.2022 in the conference of BISE Kohat, at 10:30 am.
11. The competent authority reserves the right to reject/postpone or cancels the tender wholly or partially while assigning cogent reason.
12. **The procurement will be made under the Khyber Pakhtunkhwa Procurement of Goods, Works and Services Rules, 2014.**

INVITATION TO THE BIDDERS

1. GENERAL

1.1 Introduction

- 1.1.1 The Board of intermediate and Secondary Education, Kohat Khyber established under ordinance ACT 1990, is an autonomous body of the Ministry of Education. It is empowered with administrative and financial authority to organize, regulate, develop and control Intermediate and Secondary Education, and conduct Examination in the institutions affiliated with it. The BISE, Kohat intends to procure the Heavy Duty Generator 150 KVA. **Annex-A**
- 1.1.2 Bidding shall be conducted under Rule 6/ 2(b) of KPPRA Rules 2014 “Single stage – two envelope procedure” The bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal. The envelopes shall be marked as “FINANCIAL PROPOSAL” and “TECHNICAL PROPOSAL” in bold and legible letters to avoid confusion.
- 1.1.3 Important terms and conditions to be adhered by all bidders are attached as **Annex-C**.
- 1.1.4 Specimen Contract Agreement attached at **Annex-F**

INSTRUCTIONS TO THE BIDDERS

1.2 Scope of Work

- 1.2.1 Procurement of 150 KVA Diesel Generator Set will be made as per evaluation criteria mentioned in **Clause 15** of this document and fulfilling the required specifications as detailed at **Annex-A**.
- 1.2.2 Bidders shall submit their bids with proper Indexing Table / Page Numbers and attach all the mandatory / required documents in Annex or Tagging format.

1.3 Source of Funds

- 1.3.1 The BISE, Kohat is a self-funded organization and will make payment from its own resources.

2. GENERAL CONDITIONS / ELIGIBLE BIDDERS

The bids, which meet the following minimum requisite criteria, would be declared eligible for further evaluation as per Evaluation Criteria as specified in **Clause 15 and Annex-A** of this document. Requisite documents must be attached in respect thereof. Bidders must provide the under mentioned documents:

- 2.1 Application letter of Intent for participation in tendering process.
- 2.2 Firms must have valid experience of **5 x years** in supplying / installation the 150 KVA Diesel Generator Set to public / private sector organizations.
- 2.3 Firms must attach valid **3 x months bank statements/Audit Report of the firm.**
- 2.4 Copy of Income Tax / Sales Tax Registration.
- 2.5 Office details at Peshawar / Islamabad / Rawalpindi, and other cities (if applicable) with Phone Numbers / Addresses.
- 2.6 Affidavit on Judicial / Stamp Paper of Rs. 100/- or above duly attested by Notary Public that the firm is not black listed by any government / semi government Department as per **Specimen at Annex-D.**
- 2.7 Affidavit on Judicial / Stamp Paper of Rs. 100/- or above, duly attested by Notary Public that the firm would supply / installation Brand New / Original 150 KVA Diesel Generator Set. Non-compliance to the same may result in immediate termination of supply / work order leading to forfeiture of earnest money / performance security and blacklisting of firm as per **Specimen at Annex-E.**
- 2.8 Copy of Authorized Dealership / Distributorship / Retailer-ship or Manufacturer Firm's Certificate whichever is applicable may please be attached.

3. COST OF TENDERING

- 3.1 The company shall bear all costs associated with the preparation and submission of its documents, while Frequency Allocation Board, in no case shall be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

4. CLARIFICATIONS OF TENDERING DOCUMENTS

- 4.1 A prospective company requiring any clarification(s) may notify to BISE KOHAT or an Officer authorized on its behalf in writing. The BISE KOHAT or concerned Officer authorized on its behalf will respond to any request for clarification, which is received well before (approximate **05 working days** or more) to the deadline set for the submission of bids. Copies of BISE KOHAT response will be forwarded to prospective companies (if not already clarified in the tender document or deemed necessary for the company).

5. AMENDMENT OF TENDER DOCUMENT

- 5.1 At any time prior to the deadline for submission of bids, the BISE KOHAT may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective company, modify the tender document by issuing addendum.
- 5.2 Any addendum thus issued shall form eternal part of the tender document. To afford company's a reasonable time frame in which to take an addendum into account in preparing their bids, the BISE KOHAT may at its discretion extend the deadline for submission of bids.

6. LANGUAGE OF DOCUMENTS

- 6.1 Bid Documents and related correspondence will always be in the English language.
- 6.2 The bid should have a covering letter on printed letterhead of the firm. All pages of the bid shall be initiated / signed and shall bear official seal of the person(s) authorized to sign/endorse.
- 6.3. All the relevant technical literature in English Language should be attached with the bid.

7. PRICE

- 7.1 Price / bid offer should be quoted in Pak Rupees.
- 7.2 The price / bid offer quoted should be firm, final and clearly written / typed without any ambiguity.
- 7.3 The bid price should include all the government taxes, as per prevailing taxation rates of provincial / federal governments etc.
- 7.4 The price / bid offer shall be valid for 90 days from the date of opening of the bid).
- 7.5 The bidder shall deem to have obtained all related information as to the requirements thereto which may affect the bid offer / price if required.

8. BID SECURITY / EARNEST MONEY

- 8.1 The bidder shall furnish a bid security/ earnest money of Rs130,000.00 in the form of a Bank Guarantee/ Demand Draft/ Pay Order/ Call Deposit in favour of the BISE, Kohat.
- 8.2 Any bid not accompanied by an acceptable bid security shall stand liable to be rejected by the BISE KOHAT as non-responsive.
- 8.3 The bid securities / earnest money of the unsuccessful bidders will be returned upon award of contract to the successful bidder or on expiry of validity of bid security whichever is earlier. The bid securities of bidders, can be returned earlier if supported by a formal request on Company's letterhead with signed.
- 8.4 The bid security of the successful bidder will be returned only when the bidder furnish the required 10% Performance guarantee and upon supply / installation of required system.
- 8.5 **The bid security / earnest money may be forfeited / confiscated:**
 - i. If a bidder withdraws his bid during the period of bid validity.
 - ii. If the bidder does not accept the correction of his bid price.
 - iii. In the case of a successful bidder, if he fails to furnish the required performance security or failed to supply / install / test / successful operation the required 150 KVA Diesel Generator Set as per technical specifications.
 - iv. If the bidder fails to fulfill the mandatory requirements upon which he has given certificates / affidavits etc.

9. VALIDITY OF BIDS

- 9.1 All bids shall remain valid for **90 days** from the date of opening of bids / financial proposals.

10. CLARIFICATIONS / CORRECTIONS OF BID

- 10.1 To assist in the examination, evaluation and comparison of the bids the committee at its discretion may ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought offered or permitted.

Arithmetical errors will be rectified on the following basis:

- i. If there is a discrepancy between unit price and total price that is obtained by the multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a mistake in addition / totaling that can be corrected.
- ii. If the bidder does not accept the corrected amount of bid, his bid will be rejected and his bid security will be forfeited.

11. RESPONSIVENESS OF BIDS

- 11.1 The valid bid security / earnest is submitted.
- 11.2 The bid is valid till required period.
- 11.3 The bid prices are firm during its validity and inclusive of all taxes, duties etc.
- 11.4 Compliance to all important terms and conditions of this tender document on specified formats.
- 11.5 The bidder is eligible for tendering and possesses the requisite experience.
- 11.6 The bid does not deviate from basic requirements.
- 11.7 The bidder must attach valid bank statements of 3 x months/**Audit Report of the firm** showing financial stability of the firm.
- 11.8 The bidder submitted all mandatory / requisite documents as mentioned in the tender document.
- 11.9 The bid is generally in order etc.

12. DEADLINE FOR SUBMISSION OF BID DOCUMENTS

- 12.1 The bids shall be delivered in person or sent by Registered mail / Courier service, which should reach BISE, Kohat, on or before **Tuesday, the 21th June, 2022 by 10:30 AM** and as specified in the advertisement / websites of KPPRA / BISE KOHAT.
- 12.2 The Bids in **separate** envelopes shall be marked as **“TECHNICAL PROPOSAL”** and **“FINANCIAL PROPOSAL”** of the company, **TECHICAL PROPOSAL shall be opened on the same day i-e 21st June, 2022 while “FINANCIAL PROPOSAL”** will be kept in Safe Custody at the BISE KOHAT on or before the prescribed time on given date.

- 12.3 Bids should be submitted in sealed envelopes containing necessary information regarding tender notice and warning message **“DO NOT OPEN BEFORE THE 11:30 AM on Tuesday the 21th June, 2022.**
- 12.4 Opened, e-mailed or faxed bids will not be accepted.
- 12.5 Any bid received by the BISE KOHAT after the date and time of tender opening will be returned as unopened to sender / bidder.

13. OPENING OF BID

- 13.1 BISE KOHAT’s relevant committee will open all bids on **Tuesday, the 21st June, 2022** at **11:30 AM** in the presence of firm/company’s representatives who choose to be present and procurement committee of BISE KOHAT.
- 13.2 The relevant committee will resolve any issue raised by the bidders, on the spot. Any issue related to the proceeding after the same have concluded, shall not be entertained verbally or in writing.
- 13.3 The BISE KOHAT reserves the right to reject any one or all bids / proposals as per KPPRA rules.

14. EVALUATION OF BIDS

- 14.1 A bid determined as non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.
- 14.2 The relevant Committee will evaluate and compare only the bids previously determined to be responsive. The bids will be evaluated as a whole.
- 14.3 It will be examined in detail whether the required 150 KVA Diesel Generator Set offered by the company complies with the technical specifications as provided in this tender document and meet the requirements. For this purpose, the company’s data will be compared with the tender document eligibility and evaluation criteria along with visit to company facilities / offices for physical inspection.
- 14.4 It will be examined in detail whether the documents comply with the conditions of the tender document. It is expected that no major deviation / stipulation shall be taken by the company.
- 14.5 Any minor informality or non-conformity or irregularity in the documents, which does not constitute a material deviation, may be waived by BISE KOHAT, provided such waiver does not prejudice or affect the relative ranking of any other company.

15. TECHNICAL EVALUATION CRITERIA & CHECK LIST

The bids shall be evaluated on the basis of Eligibility Criteria as mentioned under Clause 2 of the tender document. Based on the record / documentary evidence submitted by the bidders, each firm shall be ranked as per the under mentioned Evaluation Criteria: -

Please fill in the form, attach the documents/samples etc as per the below order, and submit along with quotations/proposals.

Sr.	Evaluation Requirement	Points/ Marks	Attachments placed at Page No.
i.	Years of experience Establishment of the Firm and providing 150 KVA Diesel Generator (2 points for each year up to a maximum of 10 points, SECP, FBR, etc whichever is applicable)	15	
ii.	Company assignments: Up to 20 clients from following sectors: i. Government/semi government clients (6 points max). ii. Armed forces or related institutes (10 points max) iii. Others (4 points max) (copies of supply orders / letters from all such existing clients must be attached for points. 1 mark for each client as mentioned above)	20	
iii.	Total No. of Generator above 150 KVA installed in Pakistan: i. 10 projects or more = 10 Points ii. 06 to 09 projects = 07 Points iii. 03 to 05 projects = 05 Points iv. Less than 03 projects = 00 Points	15	
iv.	Financial Standings as per Bank Statement i. 10 Million or above = 10 points ii. 05 to 10 Million = 7 points iii. 04 Million or below = 3 points	10	
v.	150 KVA Diesel Generator		
	Specifications Mentioned at Annex-A	10	
	Authorized Distribution Certificate/ Manufacturer Literature in printed shape attached	05 05	
vi.	Detailed Presentation regarding proposal and related information.	10	
vii.	Office Locations:		
	Peshawar/Rawalpindi/Islamabad and other city(cities) = 10		
	Rawalpindi/Islamabad and other cities = 05 Peshawar Only = 05	10	
Total Points		100	

Notes :

- a. Bidder is wholly responsible to install / configure the complete 150 KVA Diesel Generator Set at BISE KOHAT and the cost will be borne by the bidder.
- b. Minimum passing marks for technical qualification is 70 besides compliance of all mandatory clauses.

To qualify for financial evaluation, the bidders must secure 70% points in Technical Evaluation. Furthermore, the formula for financial scoring is that the lowest bidder gets 30 points and the other bidders score 30 multiplied by the ratio of the lowest bid divided by the quoted price, as per example for technical and financial evaluation of bids is give below:

Example:

Value quoted by lowest bidder = A

Value quoted by second lowest bidder = B

Value quoted by third lowest bidder = C

Financial scoring of the lowest bidder will be = 30

Financial scoring of the second lowest bidder will be = (A/B) *30

Financial scoring of the third lowest bidder will be = (A/C) *30

Technical scoring out of 100 = A

Carried Forward & Prorated Technical scoring = A x 0.70

Points obtained in the detailed technical evaluation will be carried forward for further financial evaluation. Tender will be awarded to the Responding Organization with **maximum accumulative points** (Technical Score + Financial Score).

16. PROCESS TO BE CONFIDENTIAL

16.1. No company shall contact BISE KOHAT on any matter relating to its tendering process from the time of opening to the time of tendering announcement.

16.2 Any effort by a bidder to influence BISE KOHAT in the evaluation, comparison or selection decision may result in the rejection of its bid.

17. AWARD CRITERIA & BISE KOHAT'S RIGHT

17.1 The contract will be awarded to most advantageous bidder as per KPPRA Rules 2014, such bidders have been determined to be technically qualified to satisfactorily perform the contract. The selected company will have to furnish a **performance security @ 10% of total bid price** valid for the warranty period **(i.e. 24 months/1000 hours)**.

17.2 The BISE KOHAT reserves the right to accept or reject any submitted bid (while offering cogent reason), as per KPPRA rules and to annul the tendering process and reject all bids, at any time prior to award of order, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the BISE KOHAT's action.

18. REQUIREMENT / FORMAT OF BID

All bidders shall quote their rates along with **2% Bid Security / Earnest Money** of the total bid price for Six Months (06 months) starting from the date of Bid Opening in the form of a Pay Order / Demand Draft as per this Tender Document requirement / obligations.

19. FIRM'S RESPONSIBILITIES

19.1 The successful bidder shall supply / installation the 150 KVA Diesel Generator Set properly in accordance with the supply / work order at BISE KOHAT.

19.2 The firm shall not subcontract the supply / work order.

19.3 Transportation for delivery of 150 KVA Diesel Generator Set at final destination and its installation / configuration, will be the responsibility of the firm. The firm shall ensure proper / international packing to avoid deterioration etc.

20. TIME FOR COMPLETION

20.1 The supplier shall deliver / install and configure the required 150 KVA Diesel Generator Set as per demand within **45 days for available stock and 5 months maximum for fresh import with no escalation in the quoted price** from the date of issuance of supply / work order, and submit Bill along with all relevant documents.

20.2 Late delivery / delay in Completion of Work:

If the supplier fails to supply / installation the requisite system within the time for completion, the supplier liability to the BISE KOHAT for such failure shall be to pay @ 0.5% per week subject to a maximum of 10% value for which he fails to complete the works.

21. REPLACEMENT WARRANTY

The supplier will warranty that the 150 KVA Diesel Generator Set are un-used, and incorporates all recent improvements in design and materials and are of good quality. BISE KOHAT shall promptly notify the supplier in writing of any claims arising under this warranty and the supplier will replace the defective item/part within reasonable time without any cost effect as to be agreement in Contract Agreement.

22. TERMS OF PAYMENT – No Advance Payment

22.1 Relevant payment of the supply / work order shall only be payable to the firm upon successful delivery / installation / testing / commissioning of the System as per supply / work order duly supported by the final Acceptance Certificate(s) from BISE KOHAT.

22.2 All the payment shall be made through crossed cheque in the Pak Rupees.

22.3 All the Taxes shall be deducted as per the prevalent government rules at the time of payment.

23. DEFAULT BY SUPPLIER

23.1 If the firm fails to supply / installation the required system / refuses or fails to comply with a valid instruction of the BISE KOHAT, the BISE KOHAT may give notice and stating the DEFAULT.

23.2 If the firm has not taken all practicable steps to remedy the default within **07 working days** (gazetted holidays or circumstances under Clause 24 are excluded) after receipt of BISE KOHAT notice, BISE KOHAT may cancel the order within next 07 x days (gazetted holidays or circumstances under Clause 24 are excluded). If the firm, even thereafter do not comply with the valid instructions of BISE KOHAT, the performance security / earnest money will be confiscated, leading further towards Blacklisting of the Firm.

24. FORCE MAJEURE

24.1 Force majeure shall mean any event, act or other circumstances not being an event, act or circumstance under the control of the BISE KOHAT or of the Firm i.e., Earthquake, Flood, or any other Severe Climatic circumstances. Non-availability of 150 KVA Diesel Generator Set or any other event leads towards clear negligence of the Firm shall not constitute Force majeure.

- 24.2 If by reasons of Force Majeure, the required system cannot be delivered, installed / configured by the due delivery date, then the delivery date may be extended appropriately by the BISE KOHAT keeping in view its all the circumstances and requirements.
- 24.3 The firm shall not be liable for liquidated damages, forfeiture of its Performance Security, blacklisting for future tenders, termination for default, if and to the extent of his failure / delay in performance / discharge of obligations is the result of an event of Force Majeure.
- 24.4 If a Force Majeure situation arises, the Firm shall, by written notice served on the BISE KOHAT, indicate such condition and the cause thereof. Unless otherwise directed by the BISE KOHAT in writing, the firm shall continue to perform under the supply / work order as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

25. WARRANTY

- 25.1 Warranty of the System as per **Annex-A** should be at 2 years **or 1000 hours, whichever comes earlier** from the date of installation / configuration at BISE KOHAT in accordance with as specified by the Original Equipment Company (OEM).
- 25.2 In case of warranty claim supplier must have to provide the item of same specification, during rectification / replacement period.
- 25.3 The firm should specifically mention the above warranty on its Invoices / Delivery Challans.

26. OTHER REQUIREMENTS FOR BIDDER

- 26.1 The bidder/firm must have registered office at Peshawar.
- 26.2 The bidder/firm must be authorized dealer.
- 26.3 The bidder/firm must be register with PEC with relevant electrical and mechanical codes for power generators.

ANNEX - A

TECHNICAL SPECIFICATIONS		
BROAD SPECIFICATIONS:		
Procurement of Diesel Generator 150 KVA imported DG – Set with Complete Canopy		
Sr. #	Description	Specification
1	Supply, installation, testing & commissioning of 150KVA Imported Coupling Diesel Generator with Quality Canopy of international approved make design and specification conforming to the technical requirement of UK/USA/ EUROPE or equivalent good brand with following specification	
2	Generator Prime Power	150-KVA
3	Speed	Approximately 1500 RPM or Equivalent
4	No of Poles	4
5	Power Factor	0.8
6	Frequency	50Hz
7	Rated Voltage	220/ 440 Volts AC
8	No of Phases	3 Phase 4 Wires
9	Types of Cooling	Water Cooled
10	Alternator	Caterpillar/ Newage Stamford/ Leroy Somer / Meccalte
11	Fuel Tank	Built in fuel tank for at least 10 hours operation at Full load
12	Fuel Type	Diesel
13	Control Module	Built in Control Module
14	Canopy	Quality Soundproof /weather Proof Canopy. All canopy parts are designed with modular principles. Doors on each side. Exhaust silencer is protected against environment influences. Details specifications must be submitted along with the bid.
15	Base frame	Iron frame with anti-vibration pads.
16		• All accessories, protections, safeties and design/ make etc. as per Diesel Generator Set Standards.
17		• The firm, supplier/ service provider will provide Diesel Generator comprehensive with standard warranty/ guarantee (against manufacturing defects)
18		• Two generator services in a year including all filters, Oil and services will be provided free by firm, supplier/service provider.

NOTE:

1. Client has the right to change in the quantities or cancel the bid and Lot at any point of time.
2. Broachers/Samples are obligatory, will be submitted to BISE KOHAT as a part of technical bid.
3. Installation inclusive of associated Mechanical, Civil & Electric works.
4. No any additional cost will bear by the vendor/bidder.
5. Standby power supply system (Generator) will be installed in BISE KOHAT.
6. Delivery timeline is 45 days for available stock and 5 months maximum for fresh import after the issues of purchase / work order.
7. If delivered items are not as per standard mentioned in the Tender Document Client reserves the right to claim replacement of the same or cancelation of the Contract.

**INSTRUCTIONS TO BIDDERS/SUPPLIERS OF EQUIPMENT AND MATERIAL
RELEVANT TECHNICAL DATA ON WHICH THE TENDER IS BASED**

(To be filled in and signed by the Bidder)

1. The Bidder shall fill the name of manufacturer for the equipment on which the tender is based. He shall *be* bound to supply the equipment from the same manufacturer.
2. The Bidder should preferably be the sole / authorized agent of the equipment and have complete back-up services i.e., spares parts, tools and trained engineers etc.
3. The Bidder must fill the following list of equipment / material and manufacturer's Technical data.

Sr.#	Equipment / Material for Generator 150 KVA with In Built AMF Panel	Name of Manufacturer	Country of Origin
1.	Diesel Engine		
2.	Alternator		
3.	ATS / AMF Panel with Manual Override(MOR). ATS must be designed with transformer / AVR to switch the load below 150V AC from WAPDA.		
4.	Quality Soundproof /weather Proof Canopy. All canopy parts are designed with modular principles. Doors on each side. Exhaust silencer is protected against environment influences. Details specifications must be submitted along with the bid.		
5.	L. T. Cables Pakistan Cable or equivalent		
6.	MCCB Terasaki / Schneider/ ABB/ Germany/ Japan/ France/ Italy or Equivalent		
7.	Conduits/ Accessories (If required)		
8.	Cable Tray, Trunking (if required)		
9.	Separate Earthing for neutral and body. Each earthing to include 8 pure copper rod of 5ft length and ½ inches dia.		

Must be filled by the Bidder under authorized signatures and seal / stamp

Name of Authorized Person: _____

Designation: _____

CNIC # _____

Contact Numbers: (Landline: _____ , Mobile: _____)

Address: _____

SIGNATURE _____ STAMP/SEAL _____

TECHNICAL MANUFACTURER'S DATA

(To be filled - in and signed by the Bidder)

Sr.#	DATA REQUIRED	DATA SUBMITTED
1.	ENGINE: (PERKIN/ CUMMINS/ CATERPILLAR OR UK / US /EUROPE BASED)	
1.1	MANUFACTURER'S NAME.	
1.2	MAXIMUM ENGINE RATING BHP.	
1.3	CONTINUOUS OUTPUT RATING – BHP	
1.4	DE - RATING FACTOR:	
1.4.1	For Altitude of 15 Meters above NSL.	
1.4.2	For Inlet Air Temperature of Zero Degree Centigrade Others, if any	
1.5	ENGINE RATING AT SITE – BHP	
1.6	PERIOD OF MAXIMUM ENGINE RATING – HOURS	
1.7	OPERATING SPEED – RPM	
1.8	BORE AND STROKE – INCHES / MM	
1.9	NO. OF CYLINDERS	
1.10	ARRANGEMENT OF CYLINDERS - N LINE / V	
1.11	ENGINE CAPACITY - CU. IN. / CC	
1.12	COMPRESSION RATIO	
1.13	COUPLING	
1.14	MOUNTING	
1.15	COOLING SYSTEM	
1.16	IGNITION SYSTEM	
1.17	OVERLOAD CAPABILITY	
1.18	GOVERNOR	
1.18.1	Type	
1.18.2	Make	
1.19	EFFICIENCY (%)	
1.19.1	At 100% rated load	
1.19.2	At 75% rated load	
1.19.3	At 50% rated load	
1.19.4	At 25% rated load	
1.20	FUEL CONSUMPTION (Lit./Hr.)	
1.20.1	At 100% rated load	
1.20.2	At 75% rated load	
1.20.3	At 50% rated load	
1.20.4	At 25% rated load	
1.20.5	At 0% rated load	

2.	ALTERNATOR: (CATERPILLAR / NEWAGE STAMFORD / LEROY SOMER / MECCALTE OR US / UK BASED).	
2.1.	MANUFACTURERS NAME	
2.2	DESIGN OUTPUT RATING	
2.3	CONTINUOUS OUTPUT	
2.4	POWER CONSUMPTION IN AUXILIARIES	
2.5	NET POWER AVAILABLE	
2.6	RATED VOLTAGE	
2.7	RATED CURRENT PER PHASE	
2.8	POWER FACTOR	
2.9	SPEED	
2.10	FREQUENCY	
2.11	INSULATION CLASS	
2.11.1	Stator	
2.11.2	Rotor	
2.11.3	Exciter	
2.12.	OVERLOAD CAPABILITY	
2.13.	HARMONIC CONTENT - %	
2.14.	TEMPERATURE RISE - DEGREE CELSIUS	
2.15.	FREQUENCY REGULATION - %	
2.16.	DEVIATION FACTOR - %	
2.17.	VOLTAGE REGULATION	
2.17.1	Type	
2.17.2	Regulator	
2.17.3	Regulation - %	
2.17.4	Voltage - %	
2.17.5	Response Time – Sec	
2.18.	EFFICIENCY %	
2.18.1	At 100% rated load	
2.18.2	At 75% rated load	
2.18.3	At 50% rated load	
2.18.4	At 25% rated load	
2.19	EXCITER	
2.19.1	Type	
2.19.2	Related Voltage – Volts	
2.19.3	Full Load Current – Amps	
2.20	RADIO FREQUENCY INTERFERENCE	
2.21	TELEPHONE INFLUENCE / INTERFERENCE	
2.22	CHARGER CAPACITY	

2.23.	BATTERIES	
2.23.1	Type	
2.23.2	Rating – AH	
3.	ACCESSORIES: As per standard (Contractor to state whether or not these accessories are provided)	
3.1	Crankcase Heater	
3.2	Automatic Water Makeup System	
3.3	Dueling for Radiator	
3.4	Exhaust System	
3.4.1	Residential	
3.4.2		
3.5	METERS / GAUGES TO INDICATE	
3.5.1	Engine Speed in RPM	
3.5.2	Lube Oil Pressure in Bars	
3.5.3	Engine Water Temperature in °C	
3.5.4	Engine Running Hours in Hrs.	
3.5.5	Battery Charging Current in Amps	
3.6	ALARM / INDICATING LAMPS FOR:	
3.6.1	Engine Over Speed	
3.6.2	Low Lube Oil Pressure	
3.6.3	High Engine Water Temperature	
3.6.4	Over Voltage	
3.6.5	Under Voltage	
3.6.6	Short Circuit / Tripping of Main Circuit Breaker	
3.6.7	Low Fuel Level	
3.6.8	High Fuel Level	
3.6.9	Charger Failure	
3.6.10	Over Cranking	
3.6.11	Charging Alternator Failure	
3.7	SAFETY DEVICES FOR INSTANTANEOUS SHUT DOWN DUE TO:	
3.7.1	Engine Over Speed	
3.7.2	Low Lube Oil Pressure	
3.7.3	High Water Temperature Shut Down	
3.7.4	Under voltage	
3.8	SAFETY DEVICES FOR ADJUSTABLE DELAYED SHUT DOWN THROUGH SHUT DOWN TIMER DUE TO:	
3.8.1	Over Voltage	
3.8.2	Short Circuit / Tripping of Main Circuit Breaker	
3.8.3	Low Fuel Level in Tank	

Must be filled by the Bidder under authorized signatures and seal / stamp

Name of Authorized Person: _____

Designation: _____

CNIC # _____

Contact Numbers: (Landline: _____, Mobile: _____)

Address: _____

SIGNATURES _____

STAMP / SEAL _____

GENERAL TECHNICAL SPECIFICATIONS AND SCOPE OF WORKS

1.0 SCOPE

The work under this section consists of supplying, installing, testing and commissioning of all material and services of the complete Diesel Generator sets including Inbuilt AMF and ATS Panel with required Interlocking and other equipment, as given in the Bill of Quantities.

The Bidder shall be deemed to have considered the scope of work, all the conditions, obligations and requirements by visiting the site before quoting rates against items of Bill of Quantities, inspected the site and satisfied himself as to the nature of work, ground, the hydrological and climatic conditions, availability of materials, means of access to the site for manpower/machinery, risks, contingencies and other circumstances which may influence or affect his Tender.

The Diesel Generator sets, with Inbuilt AMF and ATS Panel etc., and accessories shall comply with the relevant provisions of the Tender Document.

2.0 GENERAL

The Diesel generator set shall be of a standard design of reputed manufacturer, who shall have similar units in operations for similar applications and field conditions. The manufacturer shall also have adequate maintenance facilities in vicinity of the project with technically qualified and experienced personnel trained for operation and on-site maintenance of equipment offered by the Contractor in the tender bid.

The sets shall be with sound proof canopy of residential type where specified and rated for continuous duty and suitable for outdoor/indoor installation as specified with protection class rating accordingly. The ratings must be substantiated with manufacturer's standard published data. All auxiliaries, accessories and connections between system along with all necessary cables, fittings, hardware, etc., for complete installation of Diesel Engine, Generator, Control/Instrument Panel, Fuel and Oil Storage, Batteries, Exhaust System with acoustic and residential Silencer etc., shall be furnished by the Contractor.

The engine-generator set shall be mounted on suitable rigid steel frame skid with vibration isolators. Heavy duty lifting eyes and jacking screws shall be provided on the skid. The foundation bolts and all other material/hardware for complete installation of the set shall be furnished with the set. Any excessive torsional vibration shall be avoided for both engine and alternator.

The Diesel Generator set shall be from the following make or equivalent:

Caterpillar	—
Stamford	—
Cummins (CPG)	—
Meccalte	—
Leroy Somer	—

The Contractor shall submit the equipment layout and other installation details as per manufacturer's recommendations.

3.0 APPLICABLE STANDARDS/CODES:

The Diesel engine and generator shall conform to the following standards as applicable.

BS 5514 – Reciprocating Internal Combustion Engine.

BS 4999 – General Requirements for Rotating Electrical Machines. – Rotating Electrical Machines of particular types or for

BS 5000-99 particular application

For other equipment and materials related to the Diesel generator set, the Contractor shall follow relevant international standards.

4.0 MATERIAL:

4.1 Diesel Engine

The Diesel Engine shall be four strokes, compression ignition, suitable for continuous duty.

Starting shall be through electric starter motor operated on DC supply from batteries mounted on the skid. The batteries shall be furnished with the set.

The engine shall be equipped with an alternator type automatic charging system to charge the batteries during running of engine. A static battery charger installed in the control panel shall also be provided to charge the batteries when the engine is not running. Suitable interlocks shall be provided to prevent simultaneous operation of both charging systems.

4.2 Engine Cooling

Engine shall have a forced air draft, water-cooled radiator supplied with a core guard. Cooling system shall have an engine driven centrifugal pump for cooling water circulation. Cooling shall be thermostatically controlled. An engine shut down timer shall be provided to keep the engine running on no-load after any operation of set, so that the engine is sufficiently cooled to start again instantly, if required, without rise in temperature above safe limits.

4.3 Exhaust System, Noise, Pollution

Exhaust system shall be equipped with a residential type silencer complete with muffler, exhaust manifold, flexible connector, exhaust elbow, exhaust pipe, rain cap, and associated fittings etc. All supports for exhaust system shall be furnished.

In order to suppress the noise, acoustic entrance door and acoustic radiator duct along with residential grade silencer will be used for 150 kVA generator placed in the existing generator room.

The exhaust fumes shall be burnt completely and be free of solid matters before escaping to the air.

4.4 Speed Governor

The speed governor shall be electronic/mechanical type. Governor shall regulate engine speed so as to maintain the generator frequency within plus or minus 2% of the rated frequency. Stable engine speed shall be attained within 15 seconds after the engine has been started. Stable engine speed shall be restored within 10 seconds of any sudden change in load, from no load to full load. During this change of load or surge, the speed shall not vary by more than plus or minus 5% of the rated speed.

4.5 Fuel System

Engine of the generator shall operate on commercial high speed diesel oil. A fuel oil strainer/filter shall be provided in the fuel line. Fuel system for Diesel engine shall be through explosion proof self-priming pump.

The fuel system shall comprise:

- a. Surface fuel storage tank.
- b. Fuel transfer pump(s)
- c. Fuel piping network.
- d. Fuel day tank.

Surface Fuel Storage Tank, Fuel Transfer Pumps, Fuel Piping Network and Day Tank of Diesel Generator set are to be provided as per the requirements.

4.6 Generator

Generator shall be synchronous. The generator shall be capable of carrying continuously for 1 hour in every 12 hours, overload equal to 10% of rated output with field set for normal rated load excitation.

4.6.1 Excitation

Excitation shall be from brush less rotating diodes mounted on the main shaft for 3-phase full wave rectification.

4.6.2 Windings

Alternator windings shall have Class-F insulation and shall be impregnated for tropical use. The temperature rise of winding under normal operating conditions and at rated load shall not exceed the limits specified for Class-B insulation. Anti-condensate heaters shall be provided for windings. The heaters shall be thermostatically controlled for switching ON after the set has stopped. The thermostat range shall be adjustable and set to prevent overheating of windings. For protection of windings from damage due to overheating, thermistors shall be embedded to stop the set-in case the temperature of winding rises above the safe value.

4.6.3 Voltage Regulation

Voltage regulator shall be solid state with provision for manual setting. Regulator shall be so designed to 'protect the exciter when the set is running at reduced speed during starting or idling of the' prime mover.

4.6.4 Short Circuit Capability

Generator shall be capable of withstanding without injury a 30 seconds three-phase short circuit at its terminal when operating at rated output and power factor with fixed excitation.

4.6.5 Deviation Factor

The deviation factor of the open-circuit line-to-line terminal voltage shall not exceed 0.1

4.7 Control/ Instrument ATS Panels

The Control/Instrument Panel for the generator shall be designed for front access, completely assembled, wired and tested. The control panel shall conform to the constructional requirements. The panel shall comprise but not limited to the following main components.

4.7.1 Generator Panel

This shall incorporate protection and control equipment, measuring instruments, control and instrument transformers, voltage regulator, governor controls, battery charger, indicating lamps, etc.

4.7.2 Circuit Breaker

The circuit breaker shall be triple. pole with adjustable releases for thermal overload, instantaneous over current, under voltage and over voltage protections.

4.7.3 Instrumentation

LED/LCD display with adjustable contrast and backlight with auto power off providing following details: -

a. AC metering

- I. Volts 3-phase (L-L & L-N)
- II. Amps (per phase & Average)
- III. Frequency (Hz)
- IV. kW (total & per phase)
- V. KVA (total & per phase)
- VI. KVAR (total & per phase)
- VII. Power Factor (overall & per phase)
- VIII. kW hours
- IX. KVAR hours

b. DC metering

- I. Battery Volts
- II. Engine hours run
- III. Engine Jacket Water Temperature
- IV. Lube Oil Pressure
- V. Lube Oil Temperature
- VI. Crank attempt counter
- VII. Start counter
 - a) Engine Speed
 - b) Fuel Oil Level

4.7.2 Safety Devices

Following safety devices shall be provided. The audible alarm shall operate on any fault condition and shall be resettable manually and automatically through a timer after 15 minutes whichever is earlier:

	A = Alarm	SD = Shutdown	TD = Adjustable Time Delay
a.	Engine Over speed	A	SD
b.	Low lube oil pressure	A	SD
c.	High water temperature	A	SD
d.	Over voltage	A	SD (TD=0 – 30 Sec)
e.	Under voltage	A	–
f.	Short circuit and tripping of circuit breaker	A	SD (TD=0 – 1 min.)
g.	Low level in fuel day tank	A	SD (TD=0 – 5 min.)
h.	High level in fuel day tank	A	–
i.	Charger failure	A	–
j.	Winding temperature high	A	SD (TD=0 – 2 min)
k.	Over Crank	A	SD
l.	Low crankcase oil level	A	-
m.	High crankcase oil level	A	-
n.	Charging alternator failure	A	-

After shut down, the set shall lockout and it shall not be possible to start it unless manually reset after the cause of fault has been removed.

4.7.3 Batteries & Battery Charger

The batteries provided with the D.G. Set shall be of sufficient capacity to perform all required functions.

Battery charger shall be static type and shall provide for both trickle and boost charging of the batteries when the engine is not in operation. The charger shall be of suitable capacity to fully recharge the completely discharged batteries within four hours at boost charge.

4.7.4 Controls

Following Controls shall be provided as a minimum: -

- a. Auto- Manual-Test-Stop key with LED indicator

- b. Lamp test key
- c. Alarm acknowledge key
- d. Status indicators (1 red shutdown, 1 amber warning)
- e. Lock down emergency stop push button.

4.8 Auto Load Sharing and AMF Panel (Inbuilt)

Tile Synchronizing, Load Sharing and AMF panel shall incorporate automatic changeover system, which shall be designed for the following functions: -

- a. To start Diesel Generator set immediately when the main supply fails and synchronize them.
- b. To start the set and synchronize whenever the main supply voltage drops to 360 volts or rise to 440 volts. The setting voltages shall be adjustable within - 5% and +5% respectively for the lower and upper ranges.
- c. To make two successive attempts, in case the set fails to start in the first attempt.
- d. Initiate the Automatic Transfer Switch (ATS) closing the Generator Air Circuit Breaker while the Supply Air Circuit is already made open. The ATS shall transfer the load to the Generators. The system shall provide for immediate transfer of load to the generator, after the rated speed/frequency and voltage have been achieved.
- e. A four-position selector switch shall be provided for selecting the operation mode i.e. Test-Manual-Automatic-Stop/Maintenance mode to facilitate the following operation: -
 - I. **Automatic:** As described above.
 - II. **Manual:** Manual starting of the set and load transfer from transformer to generator and vice versa.
 - III. **Test:** Testing the changeover operation when so desired, and also for starting and running the set without interrupting the normal operation. In case of failure of main supply during testing, the set shall automatically revert to automatic mode of operation.
 - IV. **Stop/ Maintenance:** Provision shall be made to isolate the system for troubleshooting and maintenance without interruption of mains power supply. The set shall not be capable of starting in this condition.

All necessary control and instruments including the synchronizing device, power factor meters, voltmeters percentage adjustable Load Sharing etc. shall be provided with the Synchronizing, Load Sharing and AMF Panel.

5.0 PRE – SUPPLY INSPECTION & TESTING N/A:

Manufacturer test certificate with manual in triplicate shall be supplied by the vendor.

5.1 INSTALLATIONS & TESTING:

The Contractor shall ensure execution, coordination with the civil works for providing any openings, holes, etc. to avoid any breakage to completed works. The Contractor will arrange all allied civil works for complete execution of the job at his own cost and to the satisfaction. The Contractor shall provide foundation bolts and grout them in cement concrete floor using non-shrinkable material.

All installation materials for physically installing the Diesel generator set and associated equipment, such as bolts, nuts, washers, supporting steel, etc., shall be provided and installed by the Contractor. The generator shall be installed upright and in level and shall be firmly and rigidly bolted to the steel frame skid with vibration isolators.

Loose parts dispatched by the manufacturer shall be installed and connected as per assembly drawing provided by the manufacturer. Any safety locking of meter, relays, etc., provided by the manufacturer for safe transport shall be released only after the generator/ control panel is erected in position.

The incoming and outgoing cables shall be connected as recommended by cable manufacturer. The cable armor shall be connected effectively to ground.

The Diesel generator and associated equipment body shall be properly earthed / grounded. The Diesel generator set shall be tested on full load for atleast 08 hours and commissioned in the presence of the representative of client.

The tank shall be installed in accordance with best engineering practice/international codes, the approved shop drawings, applicable code requirements and manufacturer's instructions.

COMPLIANCE CERTIFICATE.

1. **General or special Conditions**
 - 1.1 Application letter of Intent for participation in tendering process.
 - 1.2 Firms must have valid experience of **5 x years** in supplying / installation the 150 KVA Diesel Generator Set to public / private sector organizations.
 - 1.3 Firms must attach valid 3 x months bank statements/**Audit Report of the firm**
 - 1.4 Copy of Income Tax / Sales Tax Registration.
 - 1.5 Office details at Peshawar/Islamabad/Rawalpindi, and other cities (if applicable) with Phone Numbers / Addresses.
 - 1.6 Affidavit on Judicial / Stamp Paper of Rs. 100/- or above duly attested by Notary Public that the firm is not black listed by any government / semi government Department as per **Specimen at Annex-C.**
 - 1.7 Affidavit on Judicial / Stamp Paper of Rs. 100/- or above, duly attested by Notary Public that the firm would supply / installation Brand New / Original 150 KVA Diesel Generator Set. None compliance to the same may result in immediate termination of supply / work order leading to forfeiture of earnest money / performance security and blacklisting of firm as per **Specimen at Annex-D.**
 - 1.8 Copy of Authorized Dealership / Distributorship / Retailer-ship or Manufacturer Firm's Certificate whichever is applicable may please be attached.
2. The firms will be bound to make deliver / supply and install the item(s) as per specification at BISE KOHAT's mentioned at **Annex-A.**
3. Firms who supply re-conditioned/sub-standard/used item(s) and having poor performance may not submit their bids. Mode of the payment based on credit and taxes will be applicable as per Government Policy amended to time and again. The firm should clearly show whether GST is included or excluded in the offered rates.
4. The firm will be bound to supply, deliver and install the item(s) within specified time.
5. The Frequency Allocation Board reserves the right to accept or reject any or all bids as per PPRA rules.

Terms and conditions must be signed and attached with the Tender document if agreed upon.

Name of Firm

Name of Owner

Mailing Address with Phone

Signature / Seal of the Company

(Must be Printed on Rs. 100/- or Above Stamp Paper)

BLACK-LISTING CERTIFICATE

CERTIFIED THAT M/s _____ HAS NOT BEEN BLACK-LISTED BY ANY PUBLIC OR PRIVATE SECTOR ORGANIZATION IN PAKISTAN.

M/s _____

Contact Person: _____

Address: _____

Tel #: _____ Mobile #: _____ Fax #: _____

Email:

Signature: _____ Dated: _____

Agency Seal:

ATTESTED BY NOTARY PUBLIC

(Must be Printed on Rs. 100/- or Above Stamp Paper)

UNDERTAKING / CERTIFICATE.

IF PROVIDED 150 KVA DIESEL GENERATOR SET WAS FOUND REFURBISHED, SUBSTANDARD, USED, OUTDATED OR OF POOR QUALITY, THE SUPPLY / WORK ORDER OF THE FIRM WILL BE IMMEDIATELY TERMINATED WITHOUT ASSIGNING ANY REASON AND WILL NOT MAKE ANY REFUND / PAYMENT. FURTHER, THE PERFORMANCE / BID SECURITY GIVEN BY THE FIRM WILL ALSO BE CONFISCATED AND THE FIRM WILL BE DECLARED BLACK LISTED.

M/s _____

Authorized Person: _____

Address: _____

Tel #: _____ Mobile #: _____ Fax #: _____

Email: _____

Signature: _____ Dated: _____

Agency Seal:

ATTESTED BY NOTARY PUBLIC

**FORM OF CONTRACT FOR PROCUREMENT OF 150 KVA
DIESEL GENERATOR SET**

1. This CONTRACT AGREEMENT is made at BISE Kohat on theday ofof the year **Two Thousand and Twenty Two (2022)**,

.....a company registered under the Companies Ordinance 1984, with its Head Office..... hereinafter referred to as the “.....” (the first party) which term shall mean and include its Heirs, Agents, Executors, Successors and Assigns

AND

FREQUENCY ALLOCATION BOARD (BISE KOHAT) having its Headquarters at Plot # 112, H-10/4, Islamabad through its Representative Manager, hereinafter referred to as the BISE KOHAT (the second party) which term shall mean and include its Heirs, Agents, Executors, Successors and Assigns.

2. And whereas during the warranty period M/s.....will be provided repair / maintenance services to **BISE KOHAT**; by providing technical support of their equipment at BISE KOHAT, at their own expenditure / risks.

3. NOW IT IS HEREBY AGREED AS FOLLOWS

- (a) That repair / maintenance services provided by M/s.....to **BISE KOHAT** according to this contract agreement, must be rendered at the said premises, as per clauses mutually agreed by both the parties **Annex-A**.
- (b) This agreement shall take effect on and from and shall remain in force for a period of i.e.,**2022 to**
- (c) **Technical engineers of M/s.**are bound visit BISE KOHAT once in a month or as and when required (on call basis) to ensure efficient working of the system at their own expenses.
- (d) Both the parties agreed to do each and everything that is necessary to ensure that the terms of this agreement stand implemented.
- (e) M/s..... shall be responsible to make up any loss to the **BISE KOHAT** in case of mishandling of any equipment during servicing / checking or repairing during the warranty period.

4. In witness hereof the parties have here as under put their hands and signature under their seal in token of their having accepted the terms and conditions of this contract and executed the same in presence of the following witnesses.

Signed By

_____	_____
(.....)	(.....)
Director (Admin/P&D)	CNIC #

WITNESSES

- | | |
|---|-------|
| 1. _____
(.....)
CNIC #
BISE, Kohat | _____ |
| 2. _____
(.....)
CNIC #
BISE, Kohat | _____ |

BOARD OF INTERMEDIATE & SECONDARY EDUCATION



KOHAT



Financial Bid Form

for Procurement of Heavy Duty Generator 150 KVA

Name of the firm: _____

Address: _____

Phone No: _____ Cellular: _____

NTN: _____ S.Tax Reg. No: _____

KNTN No: _____ KPRA No: _____

Call Deposit No: _____ Amount: _____

Bank Name: _____ Date: _____

Email Address: _____



ANNEX-B

FORM OF FINANCIAL BID

(Amount in PKR)

Sr #	Description	Qty	Per Unit Price	Total Amount Without Tax	Tax	Total Amount With Tax
1	150 KVA DIESEL GENERATOR SET. Name of Manufacturer, 150-KVA, Speed approximately 1500 RPM or Equivalent, Power Factor 0.8, Frequency 50Hz, 3 Phase 4 Wires, Water cooled.	01				
2	ATS / AMF Panel with Manual Override(MOR). The ATS must be designed with transformer / AVR to switch the load below 150V AC from WAPDA.	01				
3	SOUND AND WEATHER PROOF CANOPY. Quality Soundproof / weather Proof Canopy. All canopy parts are designed with modular principles. Doors on each side. Exhaust silencer is protected against environment influences. Details specifications must be submitted along with the bid.	01				
4	Wire 120mm 4 Core	180 feet				
5	Wire 2.5mm 12 Core (control cable)	180 feet				
6	Separate Earthing for neutral and body. Each earthing to include 8 pure copper rod of 5ft length and 1/2 inches dia.	02				
7	Constructing of RCC pad for 150 KVA size generator set as required	01 Each				
8	Installation, Testing & commissioning and 08 hours test on available load.	-				

Must be filled in by the Bidder under authorized signatures and seal / stamp

Name of the Firm: _____

Name of Authorized Person: _____

Designation: _____

CNIC #: _____

Contact Numbers: (Landline: _____ Mobile: _____)

Address: _____

SIGNATURE _____ **STAMP/SEAL** _____