

**NATIONAL BANK OF PAKISTAN**  
**(STANDARD BIDDING DOCUMENT)**

**PROCUREMENT OF**  
**DIESEL & PETROL GENERATOR SETS**

**(SINGLE STAGE TWO ENVELOPE PROCEDURE)**  
**(NATIONAL COMPETITIVE BIDDING)**



**PROCUREMENT WING**  
**LOGISTICS COMMUNICATIONS & MARKETING GROUP**  
**NATIONAL BANK OF PAKISTAN**  
**REGIONAL HEAD QUARTERS**  
**LAHORE**

**STANDARD BIDDING DOCUMENTS**  
for  
**PROCUREMENT OF DIESEL & PETROL GENERATOR SETS**

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# **PART-A**

## **BIDDING PROCEDURE & REQUIREMENTS**

**SECTION I: INVITATION TO BIDS**  
**NATIONAL BANK OF PAKISTAN**  
**PROCUREMENT OF DIESEL & PETROL GENERATOR SETS**



National Bank of Pakistan (NBP) invites sealed bids from original manufacturers / authorized distributors / suppliers, registered with Income Tax and Sales Tax Departments and who are on Active Taxpayers List of the Federal Board of Revenue (FBR) for supply & installation of Diesel & Petrol Generator Sets at NBP central and north regions.

2. Bidding documents for each lot, containing detail terms and conditions, etc. are available at Wing Head Procurement (Central) NBP, RHQ Building, 26-Mcalgon Road, Lahore on any working day before 6<sup>th</sup> December, 2022. Price of the bidding documents is Rs. 1000/- for each separate bidding document of each separate category (Non-refundable) which will be paid in form of a pay order in favor of National Bank of Pakistan (NBP). Bidding documents can also be downloaded from Public Procurement Regulatory Authority (PPRA) website at [www.ppra.org.pk](http://www.ppra.org.pk) as well as at National Bank of Pakistan (NBP) website [www.nbp.com.pk/TENDER](http://www.nbp.com.pk/TENDER) free of cost.

3. A pre-bid meeting will be held at 11:00 AM on 17<sup>th</sup> November, 2022 at given address The bids, prepared in accordance with the instructions in the bidding documents, must reach at Wing Head Procurement (Central) NBP, RHQ Building, 26-Mcalgon Road, Lahore on or before 11:00 AM, 6<sup>th</sup> December, 2022. The bids will be opened on same day publicly at 11:30 AM. This advertisement is available on PPRA website at [www.ppra.org.pk](http://www.ppra.org.pk) as well as on the National Bank of Pakistan website [www.nbp.com.pk/TENDER](http://www.nbp.com.pk/TENDER).

**Wing Head Procurement (Central),**  
**National Bank of Pakistan**  
26-Mcalgon Road, RHQ Building, Lahore  
Ph.042-99212695: Ext: 99210641-3509 & 3510  
Email: hashim.shah@nbp.com.pk

## SECTION-II: INSTRUCTIONS TO BIDDERS (ITB)

### A. INTRODUCTION

1. Scope of Bid	1.1	National Bank of Pakistan, invites Bids for the supply of Diesel & Petrol Generator Sets as per given Technical Specifications & Schedule of Requirements. The successful Bidder will be expected to deliver the goods within the specified period and timeline(s) as stated in the Bid Data Sheet (BDS).
2. Source of Funds	2.1	National Bank of Pakistan
3. Eligible Bidders	3.1	<ul style="list-style-type: none"> <li>i. Company Profile with complete detail of works in hand.</li> <li>ii. Performance certificates of quoted brand as well as documentary evidence/supporting documents of offered technical specifications of quoted brand from principle.</li> <li>iii. Banker's Certificate - credit worthiness (Rs.10 Million) of firm with Bank.</li> <li>iv. Provincial / FBR Tax Registration Certificate of Income &amp; Sales Tax. Name of Bidder must appear on Active Tax Payers List of FBR.</li> <li>v. After Sale Services, maintenance equipment and skilled manpower with warehouse Availability at least in five big cities.</li> <li>vi. Affidavit on legal stamp paper (original) that the firm has never been blacklisted by any GOP /Semi Govt. or Autonomous Bodies.</li> <li>vii. Copy of valid Dealership Certificate from OEM.</li> <li>viii. List of any arbitration / dispute with any client present or past and nature thereof.</li> <li>ix. Copy of valid Registration with PEC (with relevant Specialized Field).</li> <li>x. Bid Validity period 180 days.</li> </ul>



	3.2	<p>A Bidder shall not have a conflict of interest. Any bidder found to have a conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:</p> <ul style="list-style-type: none"> <li>a) are associated or have been associated in the past directly or indirectly with a firm or any of its affiliates which have been engaged by National Bank of Pakistan to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the Diesel &amp; Petrol Generator Sets, to be purchased under this Invitation for Bids.</li> <li>b) have controlling shareholders in common; or</li> <li>c) receive or have received any direct or indirect subsidy from any of them; or</li> <li>d) have the same legal representative for purposes of this Bid; or</li> <li>e) have a relationship with each other, directly or through common third party, that puts them in a position to have access to information about or influence the Bid of another Bidder, or influence the decisions of the National Bank of Pakistan regarding this Bidding process; or</li> <li>f) Submit more than one Bid in this Bidding process.</li> <li>g) Bidder blacklisted or involved in any kind of lawsuits from any Govt., Semi Govt. or by any organization.</li> </ul>
	3.3	<p>A Bidder may be ineligible if –</p> <ul style="list-style-type: none"> <li>a) he is declared bankrupt or, in the case of company or firm, insolvent.</li> <li>b) the bidder is blacklisted and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of bid securing declaration.</li> <li>c) Convicted by a final judgment of any offence involving professional misconduct.</li> <li>d) Bidders shall provide evidence of their eligibility, proof of compliance with necessary legal requirements to carry out the contract effectively.</li> </ul>
4. Eligible Goods and Related Services	4.1	<p>Deliverables under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services. For purpose of this Bid, ineligible countries are stated in the section-4.</p>
	4.2	<p>For purposes of this Clause, "origin" means the place where the goods are manufactured, through 'manufacture, procession, or assembly.</p>
5. One Bid per Bidder	5.1	<p>A bidder shall submit only one Bid, in the same bidding process.</p>
6. Cost of Bidding	6.1	<p>The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the National Bank of Pakistan shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.</p>



## B. BIDDING DOCUMENTS

7. Contents of Bidding Documents	7.1	<p>The goods required, bidding procedures, and terms and conditions of the contract are prescribed in the Bidding Documents. In addition to the Invitation to Bids, the Bidding Documents which should be read in conjunction with any addenda include:</p> <p><b>Section I</b> Invitation to Bids  <b>Section II</b> Instructions to Bidders (ITBs)  <b>Section III</b> Bid Data Sheet (BDS)  <b>Section IV</b> Eligible Countries  <b>Section V</b> Technical Specifications, Schedule of Requirements  <b>Section VI</b> Forms - Bid  <b>Section VII</b> General Conditions of Contract (GCC)  <b>Section VIII</b> Special Conditions of Contract (SCC)  <b>Section IX</b> Contract Forms</p>
	7.2	National Bank of Pakistan is not responsible for the completeness of the bidding documents and their addenda, if they were not downloaded from the website of National Bank of Pakistan or received from the respective office.
	7.3	The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all the information required in the Bidding Documents will be at the Bidder's risk and may result in the rejection of his Bid.
8. Clarification of Bidding Documents	8.1	A prospective bidder requiring any clarification of the bidding documents may notify National Bank of Pakistan in writing or in electronic form that provides record of the content of communication at National Bank of Pakistan's address indicated in the BDS, at least one week before the bid opening date.
9. Amendment of Bidding Documents	9.1	Before the deadline for submission of Bids, National Bank of Pakistan for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder or pre-Bid meeting, may modify the Bidding Documents by issuing addenda.

## C. PREPARATION OF BIDS

10. Language of Bid	10.1	The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and National Bank of Pakistan shall be in English language.
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<p>11. Documents and Sample(s) Constituting the Bid</p>	<p>11.1</p>	<p>The Bid prepared by the Bidder shall constitute the following components: -</p> <ul style="list-style-type: none"> <li>a) Form of bid and bid prices completed in accordance with ITB 14 &amp; 15.</li> <li>b) Documentary evidence established in accordance with ITB 13 that the Bidder is eligible and/or qualified for the subject bidding process;</li> <li>c) Documentary evidence established in accordance with ITB 13.3(a) that the bidder has been authorized by the manufacturer to deliver the goods in Pakistan.</li> <li>d) Documentary evidence established in accordance with ITB 12 that the goods and related services to be supplied by the bidder are eligible goods and services, and conform to the Bidding Documents.</li> <li>e) Furnishing of Bid security.</li> </ul>
<p>12. Documents Establishing Eligibility of Diesel &amp; Petrol Generator Sets and Conformity to Bidding Documents</p>	<p>12.1</p>	<p>Bidder shall furnish, as part of its bid, all those documents establishing the eligibility, in conformity to the terms and conditions specified in the bidding documents for Diesel &amp; Petrol Generator Sets and related accessories which the bidder proposes to deliver.</p>
	<p>12.2</p>	<p>The documentary evidence of conformity of the Diesel &amp; Petrol Generator Sets and related services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:</p> <ul style="list-style-type: none"> <li>a) A detailed description of the essential technical specifications and performance parameters of the Diesel &amp; Petrol Generator Sets;</li> <li>b) An item-by-item confirmation on NATIONAL BANK OF PAKISTAN's technical specifications demonstrating substantial responsiveness to those specifications, or a statement of deviations and exceptions to the provisions of the specifications, if applicable.</li> </ul>
<p>13. Documents Establishing Eligibility and Qualification of the Bidder</p>	<p>13.1</p>	<p>Pursuant to ITB 11, the Bidder shall furnish, as part of its Bid, all those documents establishing the Bidder's eligibility to participate in the bidding process and/or its qualification to perform the contract, if its Bid is accepted.</p>
	<p>13.2</p>	<p>Documentary evidence of the Bidder's eligibility to bid for satisfaction of NATIONAL BANK OF PAKISTAN that the bidder, at the time of submission of its bid, is from an eligible country as defined in Section-4 titled as "Eligible Countries".</p>



	13.3	<p>The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the satisfaction of NATIONAL BANK OF PAKISTAN that:</p> <ul style="list-style-type: none"> <li>a) The Bidder has been duly authorized by the goods' Manufacturer or producer to deliver the goods in Pakistan.</li> <li>b) The Bidder has the financial, technical, and supply capability necessary to perform the Contract, and meets the qualification criteria specified in BDS.</li> <li>c) That the Bidder meets the qualification criteria listed in the Bid Data Sheet.</li> </ul>
14. Form of Bid	14.1	<p>Bidders shall fill the forms furnished in the Bidding Documents. The forms must be completed without any alterations to its format and no substitute shall be accepted. Following information / copy of documents must be provided / attached with technical offer: -</p> <ul style="list-style-type: none"> <li>a. Credentials of firm's financial capacity</li> <li>b. NTN/GST number be mentioned on the offer, Copy of registration certificate issued by Sales Tax Department and Active Taxpayer list of FBR.</li> <li>c. All bid documents must be signed and stamped.</li> <li>d. OEM/principal agency agreement must be provided.</li> </ul>
15. Bid Prices	15.1	<p>Bid Prices quoted by the Bidder in the form of Bid and in the Price Schedules shall conform to the requirements specified below in ITB Clause 15 or exclusively mentioned hereafter in the bidding documents.</p>
	15.2	<p>Deliverables must be listed and priced separately in the Price Schedule(s). If a Price Schedule shows items listed but not priced, their prices shall be construed to be included in the prices of other items.</p>
	15.3	<p>Items not listed in the Price Schedule shall be assumed not to be included in the Bid.</p>
	15.4	<p>Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account. A Bid submitted with an adjustable price will be treated as non-responsive and shall be rejected.</p>
	15.5	<p>Bidder shall indicate on appropriate price schedule, the unit price and total bid price of the Generators/deliverables under the contract.</p>
16. Bid Currency	16.1	<p>Bidders shall quote all prices in Pakistan Rupees (PKR) only. If any bidder quotes the bid prices other than Pak Rupees, the interbank conversation rate in Pak Rupees (as determined by NBP) on the day of financial bid opening will be considered for calculating total bid amount in Pakistan Rupees (PKR) and for evaluating their bids.</p>



17. Bid Validity Period	17.1	Bids shall remain valid for 180 days after the Bid submission deadline prescribed by NATIONAL BANK OF PAKISTAN. A Bid valid for a shorter period shall be rejected as non-responsive.																																																												
	17.2	Under exceptional circumstances, prior to the expiration of the initial Bid validity period, NATIONAL BANK OF PAKISTAN may request the Bidders consent to an extension of the period of validity of their Bids only once, for the period not more than the period of initial bid validity. NBP's request and the Bidders response shall be made in writing or in electronic form that provide record of the content of communication.																																																												
18. Bid Security	18.1	<p>Bidder shall furnish as part of its Bid, a Bid Security amounting to following, in form of Bank Draft or Bank Guarantee for each lot;</p> <table border="1" data-bbox="608 645 1302 1283"> <thead> <tr> <th>Lot No.</th> <th>Item</th> <th>Quantity</th> <th>Bid Security (PKR)</th> </tr> </thead> <tbody> <tr> <td>1-N</td> <td>200 KVA</td> <td>1</td> <td>180,300</td> </tr> <tr> <td>2-N</td> <td>125 KVA</td> <td>1</td> <td>324,850</td> </tr> <tr> <td>3-N</td> <td>100 KVA</td> <td>1</td> <td>55,105</td> </tr> <tr> <td>5-N</td> <td>30 KVA</td> <td>1</td> <td>485,496</td> </tr> <tr> <td>6-N</td> <td>20 KVA</td> <td>13</td> <td>460,754</td> </tr> <tr> <td>7-N</td> <td>12.5 KVA</td> <td>17</td> <td>91,400</td> </tr> <tr> <td>9-N</td> <td>5.5 KVA</td> <td>2</td> <td>30,800</td> </tr> <tr> <td>3-C</td> <td>100 KVA</td> <td>2</td> <td>224,765</td> </tr> <tr> <td>4-C</td> <td>50 KVA</td> <td>5</td> <td>122,820</td> </tr> <tr> <td>5-C</td> <td>30 KVA</td> <td>1</td> <td>90,150</td> </tr> <tr> <td>6-C</td> <td>20 KVA</td> <td>12</td> <td>55,105</td> </tr> <tr> <td>7-C</td> <td>12.5 KVA</td> <td>14</td> <td>525,954</td> </tr> <tr> <td>8-C</td> <td>10 KVA</td> <td>3</td> <td>559,487</td> </tr> <tr> <td>9-C</td> <td>5.5 KVA</td> <td>7</td> <td>8,800</td> </tr> </tbody> </table>	Lot No.	Item	Quantity	Bid Security (PKR)	1-N	200 KVA	1	180,300	2-N	125 KVA	1	324,850	3-N	100 KVA	1	55,105	5-N	30 KVA	1	485,496	6-N	20 KVA	13	460,754	7-N	12.5 KVA	17	91,400	9-N	5.5 KVA	2	30,800	3-C	100 KVA	2	224,765	4-C	50 KVA	5	122,820	5-C	30 KVA	1	90,150	6-C	20 KVA	12	55,105	7-C	12.5 KVA	14	525,954	8-C	10 KVA	3	559,487	9-C	5.5 KVA	7	8,800
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	18.2	Any Bid not accompanied by a Bid Security in accordance with ITB 18.1 shall be rejected as non-responsive.																																																												
	18.3	Unsuccessful Bidders' Bid Security will be promptly discharged.																																																												
	18.4	The successful Bidder's Bid Security will be discharged upon the Bidder signing the contract.																																																												
	18.5	<p>Bid Security may be forfeited:</p> <p>a) if a Bidder:</p> <ul style="list-style-type: none"> <li>i) Withdraws its bid during the period of Bid Validity as specified by NATIONAL BANK OF PAKISTAN,</li> <li>ii) Does not accept the correction of errors</li> </ul> <p>b) in the case of a successful Bidder, if the Bidder fails:</p> <ul style="list-style-type: none"> <li>i) To sign the contract</li> <li>ii) To furnish performance security (or guarantee)</li> </ul>																																																												
19 Alternative Bids by Bidders	19.1	Alternatives bids will not be considered.																																																												



20. Withdrawal, Substitution, and Modification of Bids	20.1	Before bid submission deadline, any bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the corresponding substitution or modification must accompany the respective written notice.
21 Format and Signing of Bid	21.1	Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, except for un-amended printed literature, shall be initialed by the person or persons signing the Bid.
	21.2	Any interlineations, erasures, or overwriting shall be valid only if they are signed by the person or persons signing the Bid.

**D. SUBMISSION OF BIDS**

22. Sealing and Marking of Bids	22.1	Bidder shall seal and mark the envelopes in accordance with the bidding procedure given in PPRA Rules 36 (b) i.e. Single Stage Two Envelope.
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	22.2	<p>The Bid shall comprise two envelopes submitted simultaneously, one called the technical proposal and the other Financial Proposal. Both envelopes to be enclosed together in an outer single envelope. Each bidder shall submit his bid as under:</p> <p>a) Bidder shall submit his Technical Proposal and Financial Proposal in separate inner envelopes and enclosed in a single outer envelope.</p> <p>b) The two envelopes are to be sealed separately and clearly marked as Technical Proposal and Financial Proposal.</p> <p>c) Both the envelopes will be marked with address of National Bank of Pakistan. There should be clear indication that this envelope contains tender documents.</p> <p>d) In technical proposal, all items must have the brand names, model number, manufacturer's name, country of origin, manufacturer's warranty including parts with complete specs and brochures. Re-conditioned and re-furnished equipment shall not be acceptable. Following information will be clearly marked on the envelope:</p> <ol style="list-style-type: none"> <li>1. Technical Offer</li> <li>2. Original Performa Invoice (without price)</li> <li>3. Bid Reference</li> </ol> <p>e) Financial Proposal will include rates of items / the quoted price in Pakistan Rupees (PKR) in figures as well as in words. If any bidder quotes the bid prices other than Pak Rupees, the interbank conversation rate in Pak Rupees (as determined by NBP) on the day of bid opening will be considered for calculating total bid amount in Pakistan Rupees (PKR) and for evaluating their bids. Following Information will be clearly marked on the envelope:</p> <ol style="list-style-type: none"> <li>1. Commercial Offer</li> <li>2. Original Performa Invoice with Price</li> <li>3. Bid Reference</li> </ol>
	22.3	<p>If envelope is not sealed and marked as required by <b>ITB 22.2</b>, or incorrectly marked, the National Bank of Pakistan will assume no responsibility for the misplacement or premature opening of Bid.</p>
23. Deadline for Submission of Bids	23.1	<p>Date for opening of bids and the last date for the submission of the bids, as given in the advertisement shall be the same. Bids shall be opened 30 minutes after the submission time.</p>
	23.2	<p>The National Bank of Pakistan may, at its discretion and as per PPRA Rules, extend this deadline for the submission of Bids by amending the Bidding documents in accordance with ITB 9, in which case all rights and obligations of the National Bank of Pakistan and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.</p>



24. Late Bids	24.1	Any Bid received by the National Bank of Pakistan after the deadline for submission of Bids prescribed by the National Bank of Pakistan will be rejected and returned unopened to the Bidder.
25. Withdrawal of Bids	25.1	The Bidder may withdraw its Bid after the Bid's submission, provided that written notice of the withdrawal of the Bids is received by the National Bank of Pakistan, prior to the deadline prescribed for submission of Bids.
	25.2	Revised bid may be submitted, in exceptional circumstances after the withdrawal of the original bid, before the deadline for submission of Bids.

#### E. OPENING AND EVALUATION OF BIDS

26. Opening of Bids	26.1	The National Bank of Pakistan will open all Bids, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified. The Bidders' representatives present shall sign attendance sheet as proof of their attendance.
	26.2	As in case of Single Stage Two Envelope procedure, National Bank of Pakistan will open the Technical Proposals in the presence of Bidders' designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings. The Financial Proposals will remain unopened and will be held in custody of the National Bank of Pakistan, until the specified time of their opening.
	26.3	The envelopes holding the Technical Proposals shall be opened one at a time, and the following read out and recorded: (a) the name of the Bidder; (b) confirmation of a Bid Security and (c) Any other detail, considered appropriate.
	26.4	Bidders are advised to send in a representative with the knowledge of the content of the Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder's representative shall indemnify the National Bank of Pakistan against any claim or failure to read out the correct information contained in the Bidder's Bid.
	26.5	National Bank of Pakistan shall prepare minutes of the Bid opening. The record of the Bid opening shall include, as a minimum: the name of the Bidder and specs of deliverables, the Bid price if applicable, confirmation of bid security or otherwise



	26.6	The Bidders' representatives who are present shall be requested to sign the attendance sheet. The omission of a Bidder's signature on the record shall not invalidate the contents and affect the record. A copy of the record shall be distributed to all the Bidders.
	26.7	A copy of the minutes of the Bid opening shall be furnished to individual Bidders upon request.
	26.8	After the evaluation and approval of technical proposal, National Bank of Pakistan shall at a time within the bid validity period, publically open the financial proposals: of the technically accepted bids only. The financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders subject to redress of the grievances from all tiers of grievances.
27. Confidentiality	27.1	Information relating to the examination, clarification, evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report.
	27.2	Any effort by a Bidder to influence the National Bank of Pakistan processing of Bids or award decisions may result in the rejection of its Bid.
	27.3	Notwithstanding <b>ITB Clause 27.2</b> from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the National Bank of Pakistan on any matter related to the Bidding process, it should do so in writing or in electronic forms that provides record of the content of communication.
28. Clarification of Bids	28.1	To assist in the examination, evaluation and comparison of Bids and post-qualification of the Bidders, the National Bank of Pakistan may, at its discretion, ask any Bidder for a clarification of its Bid including breakdown of prices. Any clarification submitted by a Bidder that is not in response to a request by the National Bank of Pakistan shall not be considered.
	28.2	The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication.
29. Preliminary Examination of Bids	29.1	Prior to the detailed evaluation of Bids, the National Bank of Pakistan will determine whether each Bid: <ul style="list-style-type: none"> <li>a) meets the eligibility criteria</li> <li>b) has been prepared as per format and contents defined by National Bank of Pakistan in the Bidding Documents;</li> <li>c) has been properly signed;</li> <li>d) is accompanied by required securities; and</li> <li>e) Is responsive to requirements of the Bidding Documents.</li> </ul>



	29.2	<p>A substantially responsive Bid is one which conforms to all the terms and conditions of the Bidding documents without material deviations. A material deviation or reservation is one that: -</p> <ul style="list-style-type: none"> <li>a) affects in any substantial way the scope, and quality of deliverables;</li> <li>b) limits in any substantial way, inconsistent with the Bidding documents, NATIONAL BANK OF PAKISTAN's rights or the Bidders obligations under the Contract; or</li> <li>c) if rectified, would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.</li> </ul>
	29.3	<p>Provided that a technical Bid is substantially responsive, NATIONAL BANK OF PAKISTAN may request the Bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify non-material ' non-conformities or omissions in the technical Bid, related to documentation requirements. Requesting information or documentation on such non-conformities shall not be related to any such aspect of the technical Proposal linked with the ranking of the bidders. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p>
	29.4	<p>If a Bid is not substantially responsive, it will be rejected by the National Bank of Pakistan and may not subsequently be evaluated.</p>
30. Examination of Terms and Conditions; Technical Evaluation	30.1	<p>The National Bank of Pakistan shall examine the Bid to confirm that all specified terms and conditions specified in the <b>GCC</b> and the <b>SCC</b> have been accepted by the Bidder without any material deviation or reservation.</p>
	30.2	<p>The National Bank of Pakistan shall evaluate the technical aspects of the Bid, to establish that it conforms to all requirements specified in <b>Section V-Technical Specifications, Schedule of Requirements</b>, without material deviation or reservation.</p>



31. Correction of Errors	31.1	<p>i) Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -</p> <p>a) if there is a discrepancy between unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the National Bank of Pakistan there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;</p> <p>b) if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and</p> <p>c) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.</p> <p>d) Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.</p>
	31.2	<p>The amount stated in the Bid will, be adjusted by the National Bank of Pakistan, in accordance with the above procedure for the correction of errors and with the concurrence of the Bidder which shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited.</p>
32. Evaluation of Bids	32.1	<p>NATIONAL BANK OF PAKISTAN shall evaluate and compare the bids with required specifications. Only the Bids determined to be substantially responsive, shall be considered for further processing.</p>
	32.2	<p>In evaluating the Bidders, the evaluation committee will, in addition to the Bid price quoted will take account of one or more of the following factors as specified in the BDS:</p> <p>a) delivery schedule offered in the Bid</p> <p>b) deviations in payment schedule from that specified in the Special Conditions of Contract</p> <p>c) the availability (in Pakistan) of spare parts and after-sales services for the equipment offered in the bid</p> <p>d) the projected operating and maintenance cost, during the life of the equipment.</p> <p>e) the performance and productivity of the equipment offered.</p>
33. Most Advantageous Bid	33.1	<p>The Bid with the lowest evaluated price from amongst those which are eligible, compliant and substantially responsive shall be the Most Advantageous Bid.</p>



<p>34. Post Qualification of Bidder and /or Abnormally low financial proposal</p>	<p>34.1</p>	<p>Where the Bid price is considered to be abnormally low, NATIONAL BANK OF PAKISTAN shall perform price analysis either during determination of Most Advantageous Bid or as a part of the post-qualification process. The following process shall apply:</p> <ul style="list-style-type: none"> <li>a) NATIONAL BANK OF PAKISTAN may reject a Bid, if determined that the price in combination with other constituent elements of the Bid is abnormally low in relation to the subject matter of the procurement and raises concerns as to the capability and capacity of the respective Bidder to perform that contract;</li> <li>b) Before rejecting an abnormally low Bid, NATIONAL BANK OF PAKISTAN shall request the Bidder an explanation of the Bid or of those parts which it considers contribute to the Bid being abnormally low, take account of the evidence provided in response to a request in writing; and subsequently, verify the Bid or' parts of the Bid being abnormally low;</li> <li>c) NATIONAL BANK OF PAKISTAN shall not incur any Liability solely by rejecting abnormally low Bid.</li> </ul>
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#### F. AWARD OF CONTRACT

<p>35. Criteria of Award</p>	<p>35.1</p>	<p>NBP will award the Contract to the Bidder whose Bid has been determined to be substantially responsive to the Bidding Documents and who has been declared as Most Advantageous Bidder, provided that such Bidder has been determined to be:</p> <ul style="list-style-type: none"> <li>a) eligible in accordance with the provisions of ITB 3</li> <li>b) is determined to be qualified to perform the Contract satisfactorily</li> </ul>
<p>36. Negotiations</p>	<p>36.1</p>	<p>Negotiations may be undertaken with the bidder whose bid is Most Advantageous with regards to any of the following:</p> <ul style="list-style-type: none"> <li>(a) reduction of quantities for budgetary reasons</li> <li>(b) a minor amendment to the special conditions of Contract</li> <li>(c) finalizing payment arrangements</li> <li>(d) delivery arrangements</li> <li>(e) the methodology for provision of related services; or clarifying details that were not apparent or could not be finalized at the time of Bidding.</li> </ul>
<p>37. Procuring Agency's Right to reject All Bids</p>	<p>37.1</p>	<p>National Bank of Pakistan reserves the right to reject all the bids, and to annul the Bidding process at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders.</p>
	<p>37.2</p>	<p>Notice of the rejection of all Bids shall be given promptly to all Bidders who have submitted Bids</p>



	37.3	National Bank of Pakistan shall upon request communicate to any Bidder the grounds for its rejection of its Bids, but is not required to justify those grounds.
38. Procuring Agency's Right to Vary Quantities at the Time of Award	38.1	National Bank of Pakistan reserves the right at the time of contract award to increase or decrease the quantity of goods or related services originally specified in these Bidding Documents (schedule of requirements) provided this does not exceed by the percentage indicated in the BDS, without any change in unit price or other terms and conditions of the Bid and Bidding Documents.
39. Notification of Award	39.1	Prior to the award of contract, the National Bank of Pakistan shall issue a Final Evaluation Report giving justification for acceptance or rejection of the bids
	39.2	Where no complaints have been lodged, the Bidder whose Bid has been accepted will be notified of the award by the Procuring Agency prior to expiration of the Bid Validity period in writing or electronically that provide record of the content of communication. The Letter of Acceptance will state the sum that the Procuring Agency will pay the successful Bidder in consideration for the execution of the scope of deliverables as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).
	39.3	The notification of award will constitute the formation of the Contract, subject to the Bidder furnishing the Performance Security (or guarantee) and signing of the contract.
	39.4	Upon the successful Bidder's furnishing of the performance security (or guarantee) National Bank of Pakistan will promptly notify each unsuccessful Bidder, the name of the successful Bidder and the contract amount and will discharge the Bid Security of the Bidders.
40. Signing of Contract	40.1	Promptly after notification of award, National Bank of Pakistan shall send the successful Bidder the draft agreement, incorporating all terms and conditions, as agreed by the parties to the contract.
41. Performance Security (Guarantee)	41.1	After receipt of letter of Acceptance from NATIONAL BANK OF PAKISTAN, the successful Bidder shall furnish the Performance Guarantee in accordance with the Conditions of Contract.
	41.2	If the Performance Security (or Guarantee) is provided by the successful bidder and it shall be in the form specified in the <b>BDS</b> and shall be in any of the following:  a) Bank Draft b) Bank guarantee confirmed by a reputable local bank c) Bid Securing Bond
	41.3	Failure of the successful Bidder to ensure compliance of 41.1, same shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid security in which NATIONAL BANK



		OF PAKISTAN may decide to award the contract to the next ranked Bidder, or call for new Bids.
42. Advance Payment	42.1	Advance payment will not be provided.
43. Arbitrator	43.1	The Arbitrator shall be appointed by mutual consent of the both parties as per the provisions specified in the documents.
44. Corrupt or Fraudulent Practices	44.1	NATIONAL BANK OF PAKISTAN as well as Bidders/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of this contract, and will avoid engaging in any corrupt and fraudulent practices.

### G. GRIEVANCE REDRESSAL & COMPLAINT REVIEW/MECHANISM

45. Constitution of Grievance Redressal	45.1	National Bank of Pakistan has a Grievance Redressed Committee (GRC) comprising of odd number of persons with proper powers and authorization to address the complaints.
46. GRC Procedure	46.1	Any Bidder feeling aggrieved can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the Bidding documents found contrary to provision of PPRA Rules and the same shall be addressed by the GRC, well before the proposal submission deadline.
	46.2	Any Bidder feeling aggrieved by any act of NATIONAL BANK OF PAKISTAN after the submission of his bid may lodge a written complaint concerning his grievances not later than seven days of the announcement of technical evaluation report and five days after issuance of final evaluation report.
	46.3	In case, the complaint is filed against technical evaluation report, the GRC shall suspend the procurement proceedings.
	46.4	In case, the complaint is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report.
	46.5	The GRC, in both cases shall investigate and decide upon the complaint within ten days of the receipt of the complaint.

### H. MECHANISM OF BLACKLISTING

47. Mechanism of Blacklisting	47.1	NATIONAL BANK OF PAKISTAN can bar under Rule-19 of the Public Procurement Rules, 2004, from participating in their respective procurement proceedings, bidder or contractor who either: <ul style="list-style-type: none"> <li>a) Is Involved in corrupt and fraudulent practices as defined in Rule-2 of Public Procurement Rules;</li> <li>b) Fails to perform his contractual obligations; and</li> <li>c) Fails to abide by the securing declaration;</li> </ul>
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## SECTION III: BID DATA SHEET (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders																																																
<b>A. Introduction</b>																																																		
<b>1.</b>		<p>National Bank of Pakistan.</p> <p>Supply &amp; Installation of (Prime) Diesel &amp; Petrol Generator Sets with ATS Panel, M.S. Canopy &amp; Requisite Cabling Works etc. at NBP Branches/ Offices Located in Different Cities of Central &amp; North Region</p> <p>Period for delivery of goods: 4-8 weeks after contract signing.</p> <p>Commencement date for delivery of Goods: After signing of the contract, delivery to be completed with 4-8 weeks.</p> <p>Delivery locations (within Pakistan) will be provided by NBP at the time of delivery.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 80%;">Branch / Office Name</th> <th style="width: 20%;">Category</th> </tr> </thead> <tbody> <tr><td>NBP Regional Office Sargodha</td><td style="text-align: center;">200</td></tr> <tr><td>NBP IBG Punjab Central, Pace Tower Building Gulberg Lahore</td><td style="text-align: center;">125</td></tr> <tr><td>NBP Civil Lines Branch R.O. Jehlum BC.0344</td><td style="text-align: center;">100</td></tr> <tr><td>NBP Regional Office Mardan</td><td style="text-align: center;">100</td></tr> <tr><td>NBP Civil Lines Branch Sheikhpura</td><td style="text-align: center;">100</td></tr> <tr><td>NBP SSC Tank RO Bannu</td><td style="text-align: center;">50</td></tr> <tr><td>NBP Regional Office Rawalakot</td><td style="text-align: center;">50</td></tr> <tr><td>NBP Peshawar Cantt Branch R.O. Peshawar</td><td style="text-align: center;">50</td></tr> <tr><td>NBP City Branch Bunnu</td><td style="text-align: center;">50</td></tr> <tr><td>NBP, Supper Market Branch, Islamabad</td><td style="text-align: center;">50</td></tr> <tr><td>NBP Chak Khasa Branch R.O. Jehlum</td><td style="text-align: center;">30</td></tr> <tr><td>NBP Main Branch Bhalwal (0312), RO Sargodha</td><td style="text-align: center;">30</td></tr> <tr><td>NBP Hattian Branch RO Muzaffarabad AJK</td><td style="text-align: center;">20</td></tr> <tr><td>NBP Hassanabdal Br RO Rawalpindi</td><td style="text-align: center;">20</td></tr> <tr><td>NBP NHQ Br Islamabad</td><td style="text-align: center;">20</td></tr> <tr><td>NBP GT Road Rawat Br RO Rawalpindi</td><td style="text-align: center;">20</td></tr> <tr><td>NBP Daggar Br RO Mardan</td><td style="text-align: center;">20</td></tr> <tr><td>NBP IBB Barhing Branch AJK BC.1671</td><td style="text-align: center;">20</td></tr> <tr><td>NBP Mallot Branch Bagh AJK BC.1716</td><td style="text-align: center;">20</td></tr> <tr><td>NBP Pattika Branch R.O. Muzaffarabad AJK BC.1672</td><td style="text-align: center;">20</td></tr> <tr><td>NBP Musa Khel Branch R.O. Mianwali BC.0633</td><td style="text-align: center;">20</td></tr> <tr><td>NBP GT Road Rahwali Branch Regional Office Gujranwala</td><td style="text-align: center;">20</td></tr> <tr><td>NBP 691-R.D. Branch R.O. Sargodha BC.0691</td><td style="text-align: center;">20</td></tr> </tbody> </table>	Branch / Office Name	Category	NBP Regional Office Sargodha	200	NBP IBG Punjab Central, Pace Tower Building Gulberg Lahore	125	NBP Civil Lines Branch R.O. Jehlum BC.0344	100	NBP Regional Office Mardan	100	NBP Civil Lines Branch Sheikhpura	100	NBP SSC Tank RO Bannu	50	NBP Regional Office Rawalakot	50	NBP Peshawar Cantt Branch R.O. Peshawar	50	NBP City Branch Bunnu	50	NBP, Supper Market Branch, Islamabad	50	NBP Chak Khasa Branch R.O. Jehlum	30	NBP Main Branch Bhalwal (0312), RO Sargodha	30	NBP Hattian Branch RO Muzaffarabad AJK	20	NBP Hassanabdal Br RO Rawalpindi	20	NBP NHQ Br Islamabad	20	NBP GT Road Rawat Br RO Rawalpindi	20	NBP Daggar Br RO Mardan	20	NBP IBB Barhing Branch AJK BC.1671	20	NBP Mallot Branch Bagh AJK BC.1716	20	NBP Pattika Branch R.O. Muzaffarabad AJK BC.1672	20	NBP Musa Khel Branch R.O. Mianwali BC.0633	20	NBP GT Road Rahwali Branch Regional Office Gujranwala	20	NBP 691-R.D. Branch R.O. Sargodha BC.0691	20
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NBP Chamber of Commerce and Industry Branch R.O. Sheikhpura BC.2214	20
NBP Mamoon Kanjan branch (1458) RO Faisalabad	20
NBP Shahpur Saddar Branch (0431), RO Sargodha	20
NBP T.R. Chiniot Branch (0751), RO Sargodha	20
NBP Satellite Town Branch (0750), RO Sargodha	20
NBP Shahkot Branch (0534), RO Sheikhpura	20
NBP Chak Jhumra Branch (0516) RO Faisalabad	20
NBP Small Industrial Estate branch (1955) Faisalabad	20
NBP Chak No. 202/RB Gatti Branch, RO Faisalabad	20
NBP Narwala Bangla Branch, RO Faisalabad	20
NBP Skardu Branch RO Gilgit BC.486	20
NBP Khaplu Branch RO Gilgit BC.888	20
NBP Daultala Branch, Jehlum.	20
NBP Fateh Jhang Branch, Rawalpindi Region BC.0454	20
NBP Ball Khan Mong Br RO Rawalakot	12.5
NBP Choa Khalsa Br RO Rawalpindi	12.5
NBP Choa Saidan Shah Br RO Jehlum	12.5
NBP Pindi Gheb Br RO Mardan	12.5
Malakand UC Br RO Mardan	12.5
NBP Tootana Bandi Br IBG KPK	12.5
NBP Dheri Arain Branch R.O. Jehlum	12.5
NBP Jasrota Brach R.O. Jehlum	12.5
NBP IBG Charsadda Sugar Mill Brach, KPK	12.5
NBP Liaqatabad Branch R.O. Mirpur AJK BC.1844	12.5
NBP Tootana Bandi Br IBG KPK	12.5
NBP Proa Branch D.I. Khan RO Bannu	12.5
NBP Skardu Branch RO Gilgit	12.5
NBP Chak No.192/GB, Muridwala branch (1745) RO Faisalabad	12.5
NBP Ghagh Chowk Branch, RO Sargodha	12.5
NBP Chak No.46-SB Branch, RO Sargodha	12.5
NBP Chak No.36-SB Branch, RO Sargodha	12.5
NBP Midh Ranjha Branch, RO Sargodha	12.5
NBP Muazzamabad Branch, RO Sargodha	12.5
NBP Jhabran Mandi Branch, RO Sheikhpura	12.5
NBP Sharakpur Branch, RO Sheikhpura	12.5
NBP Dharema Branch, RO Sargodha	12.5
NBP 49-Tail Branch, RO Sargodha	12.5
NBP Bhera Branch, RO Sargodha	12.5
NBP Mitro Branch, RO Vehari	12.5
NBP Chak No.254 Branch, RO Jhang	12.5
NBP Isa Khel Branch, RO Mianwali	12.5
NBP Harrar Branch, RO Sialkot	12.5
NBP Chak No. 73/JB Adda Thikriwala Branch, RO Faisalabad	12.5
NBP Kingra Branch, RO Sialkot	12.5
NBP Shaikh Yousaf Branch D.I. Khan (Bannu) BC.1429	12.5
NBP IBB Noshera IBG KPK Region	10



		NBP Nilore Branch Islamabad BC.565	10
		NBP Chakri Branch RO Rawalpindi BC.932	10
		NBP, Sarhohota Branch Mirpur AJK	5.5
		NBP, Rangla Branch Rawalakot AJK	5
		NBP, Gambella Branch Bannu	5
		NBP, Thall Branch Bannu Region	5
		NBP, Mangal Mela Branch Bannu	5
		NBP Thall Branch, R.O. Bannu BC.0411	5.5
		NBP Basirpur branch (0310) RO Sahiwal	5.5
		NBP Chak No.541/GB Kanjwani branch (1793) RO Faisalabad	5.5
		NBP Leepa Valley Br RO Muzaffarabad	5.5
<b>2.</b>		<p>Financial year for the operations: <b>FY2022 &amp; 2023</b></p> <p>Financing institution: <b>National Bank of Pakistan</b></p> <p>Name and identification number of the Contract: Supply &amp; Installation of (Prime) Diesel &amp; Petrol Generator Sets with ATS Panel, M.S. Canopy &amp; Requisite Cabling Works etc. at NBP Branches/ Offices Located in Different Cities of Central &amp; North Region</p>	
<b>4.</b>	<b>4.1</b>	Maximum number of members in the joint venture, consortium or association shall be: <b>Not Allowed.</b>	
<b>5.</b>	<b>5.1</b>	Ineligible country(s): <b>India &amp; Israel</b>	
<b>6.</b>	<b>6.1</b>	Bidder to provide authorization by manufacturer/supplier : <b>Required</b>	
<b>B. Bidding Documents</b>			
<b>7.</b>		The number of documents to be submitted is <b>one original and one copy</b>	
<b>8.</b>		The address for clarification of Bidding Documents is: Wing Head Procurement, 26-Mclagon Road, National Bank of Pakistan, 5 <sup>th</sup> Floor RHQ Building Lahore.	
<b>8.</b>		<p>A pre-bid meeting will be held at 11:00 AM on 17<sup>th</sup> November, 2022 at given address. <i>Receipt of queries from Bidders in writing or through electronic means is mandatory.</i></p> <p><i>Pre-bid Meeting Date is 11:00 AM on 17<sup>th</sup> November, 2022.</i></p>	
<b>C. Preparation of Bids</b>			
<b>9.</b>	<b>10.1</b>	The Language of all correspondences and documents related to the Bid is <b>English.</b>	



12	11.1	<p>Following documents must be included with the Bid:</p> <p>a) Manufacturer’s technical brochures of hardware and lubricants as well as letter of authorization from principle to bid the tender.  b) Details of 1 years’ manufacturer warranty  c) Bid security  d) Documents listed in 11.1 of ITB</p>
13.		<p>Other procurement specific documentation requirements are:</p> <p>a) Undertaking that quoted goods are genuine, brand new, and as per required specs  b) Provide a certification with technical offer that “Bidder's company is not blacklisted by any organization or involved in any kind of lawsuits in this regard. (On Judicial Stamp paper)  c) Provision of valid Registration certificate for income tax and sales tax and also Active Taxpayer List of FBR.  d) Should provide point to point acceptance of each Bid clause as per check list attached.</p>
14.		<p>Qualification Criteria/ Knock down criteria:</p> <p>Offers are liable to be rejected if: -</p> <p>a. Validity of offer is not quoted as required in Invitation to tender documents.  b. Any deviation from the General/ Special / Technical Instructions.  c. Offers are found conditional or incomplete in any respect.  d. Bid Security, if NOT attached.  e. Manufacturer’s relevant brochures and technical details are not attached in support of specifications.  f. Offer received later than specified time  g. Subject to restriction of export license.  h. Offers (Commercial / technical) containing non-initialed / unauthenticated amendments / corrections / overwriting.  i. If the validity of the agency agreement has expired.  j. If the offer is found to be based on cartel action in connivance with other sources/participants of the tender.</p>
15		<p>Firm and final price shall be quoted.</p>
16	16.1	<p>a) Financial Proposal will include rates of items / the quoted price in Pakistan Rupees (PKR). If any bidder quotes the bid prices other than Pak Rupees, the interbank conversation rate in Pak Rupees (as determined by NBP) on the day of bid opening will be considered for calculating total bid amount in Pakistan Rupees (PKR) and for evaluating their bids.  b) Price Variation is not allowed during currency of Contract.</p>



<b>17</b>	<b>17.1</b>	Bid validity period after opening of the Bid is 180 days.																																																												
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		9-N	5.5 KVA	2	30,800																																																									
		3-C	100 KVA	2	224,765																																																									
		4-C	50 KVA	5	122,820																																																									
		5-C	30 KVA	1	90,150																																																									
		6-C	20 KVA	12	55,105																																																									
		7-C	12.5 KVA	14	525,954																																																									
	8-C	10 KVA	3	559,487																																																										
9-C	5.5 KVA	7	8,800																																																											
<b>18.2</b>	Bid Security shall be in the form of Bank Draft.																																																													
<b>19</b>	<b>19.1</b>	Alternative Bids are not permitted.																																																												
<b>20</b>	<b>20.1</b>	Written confirmation of authorization is valid authorization letter from manufacturer to sell deliverables in Pakistan																																																												
<b>D. Submission of Bids</b>																																																														
<b>21</b>		Bid shall be submitted to: Regional Head Quarter, 26-Mclagon Road, National Bank of Pakistan, Lahore.																																																												
<b>22</b>		Title: Supply & Installation of (Prime) Diesel & Petrol Generator Sets with ATS Panel, M.S. Canopy & Requisite Cabling Works etc. at NBP Branches/ Offices Located in Different Cities of Central & North Region.																																																												
<b>23</b>		The deadline for Bid submission is  a) Day: Monday  b) Date: 6 <sup>th</sup> December, 2022  c) Time: 11:00 AM																																																												
<b>E. Opening and Evaluation of Bids</b>																																																														



<b>24.</b>		<p>The Bid opening shall take place at:</p> <p><b>Regional Head Quarter, 26-Mclagon Road, National Bank of Pakistan, Lahore.</b></p> <p>Day: Monday</p> <p>Date: 6<sup>th</sup> December, 2022, 2022</p> <p>Time : 11:30 AM</p>
<b>25</b>		<p><b>Evaluation Techniques</b> Bidding will be conducted in accordance with Rule 36 (b), Single – Stage Two Envelop Procedure of Public Procurement Rules 2004 (PPR 2004)</p>
<b>26.</b>		Delivery schedule. 4-8 weeks
<b>27.</b>		Part payment for partial delivery is NOT permitted
<b>F. Award of Contract</b>		
<b>28</b>	<b>28.1</b>	Percentage for quantity can be increase or decrease as per PPRA rules.
<b>29</b>	<b>29.1</b>	Amount of Performance Guarantee 2% of the Contract value.
<b>30</b>	<b>30.1</b>	Arbitrator shall be appointed by mutual consent of the both parties.
<b>G. Review of Procurement Decisions</b>		
<b>31</b>		<p>The address of National Bank of Pakistan Regional Head Quarters is;</p> <p>Wing Head Procurement, Logistics Communications &amp; Marketing Group, 26-Mclagon Road, 5<sup>th</sup> Floor, NBP Regional Head Quarters, Lahore. Ph.042-99211232: Ext: 99210641-3509 &amp; 3510</p>
<b>32</b>		<p>The Address of PPRA to submit a copy of grievance: Grievance Redressal Appellate Committee, Public Procurement Regulatory Authority 1<sup>st</sup> Floor, G-5 /2, Islamabad, Pakistan Tel: +92-51-9202254</p>



## SECTION IV. ELIGIBLE COUNTRIES

All the bidders are allowed to participate in the subject procurement without regard to nationality, except bidders of some nationality, prohibited in accordance with policy of the Federal Government of Pakistan.

Following countries are ineligible to participate in the procurement process:

1. India
2. Israel

Ministry of Interior, Government of Pakistan has notified List of Business Friendly Countries (BVL), information can be accessed through following link:

[http: //www.ileip.sov.pk/ Files/Visa%20Catesories.aspx#L](http://www.ileip.sov.pk/Files/Visa%20Catesories.aspx#L)



## Section V: SCHEDULE OF REQUIREMENTS, TECHNICAL SPECIFICATIONS

### BIDDER QUALIFICATION CRITERIA

#	Requirements	Priority	Availability Response	Bidder Response and/or Proposal Reference (Section/Page No.)
		(High/Low)	(Y/N)	
<b>1.00</b>	<b>Bidder Qualification Requirement</b>			
<b>1.01</b>	Bidder should provide Company Profile with complete detail of works in hand.	<b>High</b>		
<b>1.02</b>	Bidder should provide Performance certificates of quoted brand as well as documentary evidence/supporting documents of offered technical specifications of quoted brand from principle.	<b>High</b>		
<b>1.03</b>	Bidder should provide Banker's Certificate - credit worthiness (Rs.10 Million) of firm with Bank.	<b>High</b>		
<b>1.04</b>	Bidder should provide Provincial / FBR Tax Registration Certificate of Income & Sales Tax. Name of Bidder must appear on Active Tax Payers List of FBR	<b>High</b>		
<b>1.05</b>	Bidder should provide After Sale Services, maintenance equipment and skilled manpower with warehouse Availability at least in five big cities	<b>High</b>		
<b>1.06</b>	Bidder should provide Affidavit on legal stamp paper (original) that the firm has never been blacklisted by any GOP /Semi Govt. or Autonomous Bodies.	<b>High</b>		
<b>1.07</b>	Bidder should provide Copy of valid Dealership Certificate from OEM.	<b>High</b>		
<b>1.08</b>	Bidder should provide List of any arbitration / dispute with any client present or past and nature thereof.	<b>High</b>		
<b>1.09</b>	Bidder should provide Copy of valid Registration with PEC (with relevant Specialized Field).	<b>High</b>		
<b>1.10</b>	Bidder should provide Bid Validity period 180 days.	<b>High</b>		
<b>1.11</b>	<p>1. Bidder should provide attested copies of valid ISO Certificates i.e. Standard Quality Management System (9001), Environmental Management System (18001), Health &amp; Safety Management System (14001/45001) etc. for:-</p> <p>a. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.</p> <p>b. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.</p>	<b>High</b>		

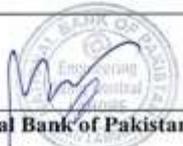
**Note:** All copies of documents must be signed & stamped. Absence of any attested copies of document will lead to Disqualification of Bidder.



**EVALUATION CRITERIA**

**LOT 1-N - SUPPLY & INSTALLATION OF ONE (1) 200 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	200 / 160		High	
2.	Standby Output Rating (KVA / KW)	220 / 176		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Power Factor	0.8		High	
5.	Speed(RPM)	1500		High	
6.	Frequency (Hz)	50		High	
7.	Governor type	Mechanical / Electronic		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤19		High	
2.	At 75% of rated load (L/H)	≤30		High	
3.	At 100% of rated load (L/H)	≤40		High	
<b>A-b.</b>	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12Hours		High	
<b>B</b>	<b>ENGINE (BRAND &amp; MODEL)</b>				
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	6		High	
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		High	
4.	% de-ration at ambient temperature 45 <sup>o</sup> C above standard reference temperature i.e 25 <sup>o</sup> C	No de-ration		High	
5.	Coupling Type	Direct (Disc Coupling)		High	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V Self-Start		High	
9.	Governor type	Mechanical / Electronic		High	
<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ignition system		Low	

  
 For National Bank of Pakistan

For Bidder

<b>C GENERATOR / ALTERNATOR (BRAND &amp; MODEL)</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	200 / 160		High
2.	Standby Output Rating (KVA / KW)	220 / 176		High
3.	Rated Voltage (Volts)	400V/230V		High
4.	Alternator design temperature in (°C)	≥ 40		High
5.	Power Factor	0.8		High
6.	Speed(RPM)	1500		High
7.	Frequency (Hz)	50		High
<b>C-a Insulation class</b>				
1.	Stator	H-Class		Low
2.	Rotor	H-Class		Low
3.	Exciter	H-Class		Low
<b>C-b Efficiency at 0.80 pf in %</b>				
1.	At 50% of rated load	≥90%		High
2.	At 75% of rated load	≥ 85%		High
3.	At 100% of rated load	≥ 75%		High
<b>D CONTROL PANEL</b>				
1.	Molded Case Circuit Breaker (MCCB)	(300A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		High
2.	Module	Deep Sea or equivalent		High
<b>D-a Display Parameters</b>				
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High
2.	Output Current (L-L/L-N)	-Do-		High
3.	Kilowatt	-Do-		High
4.	Total Kilowatt Hour	-Do-		High
5.	Frequency (Hz)	-Do-		High
6.	Engine speed (rpm)	-Do-		High
7.	Lube oil Pressure (Bars)	-Do-		High
8.	Engine temperature in (°C)	-Do-		High
9.	Engine running hours	-Do-		High
10.	Battery Charging current (Amps).	-Do-		High
11.	Fuel consumption per Hour	-Do-		High
<b>D-b Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High
2.	Low lube oil pressure	-Do-		High
3.	High Engine water temperature	-Do-		High
4.	Over voltage	-Do-		High
5.	Under voltage	-Do-		High
6.	Short-circuit tripping of main circuit breaker	-Do-		High
7.	Low oil level etc.	-Do-		High

For National Bank of Pakistan

For Bidder

<b>D-c</b>	<b>Safety tripping For Instantaneous Shut Down due To</b>			
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High
2.	Low lube oil pressure	-Do-		High
3.	High temperature	-Do-		High
4.	Abnormal output voltage	-Do-		High
5.	Low fuel oil in tank	-Do-		High
6.	Winding high temperature	-Do-		High
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (In Accordance to Generator Rating)</b>	- Local / imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>			
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		Low
2	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>			
a.	At 50% of rated load	≤ 75db		low
b.	At 75% of rated load	≤80db		low
c.	At 100% of rated load	≤85 db		low

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - a. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - b. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Copies of Performance Certificates of quoted D.G Set are required alongwith technical proposal.
3. In case of imported D.G set, share relevant import documents or state "Local" on signed company letter head.
4. Above all information should be provided alongwith document evidence of required technical data / characteristics / other information related to specifications is required from principal (on required basis for technical evaluation), otherwise tender will not be accept and will be declared as rejected.
5. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.

  
 For National Bank of Pakistan

For Bidder

**EVALUATION CRITERIA**

**LOT 2-N - SUPPLY & INSTALLATION OF ONE (1) 125 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	125 / 100		High	
2.	Standby Output Rating (KVA / KW)	137.5/ 110		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Power Factor	0.8		High	
5.	Speed(RPM)	1500		High	
6.	Frequency (Hz)	50		High	
7.	Governor type	Mechanical / Electronic		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤13		High	
2.	At 75% of rated load (L/H)	≤19		High	
3.	At 100% of rated load (L/H)	≤25		High	
<b>A-b.</b>	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12Hours		High	
<b>B</b>	<b>ENGINE (BRAND &amp; MODEL)</b>				
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	6		High	
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		High	
4.	% de-ration at ambient temperature 45°C above standard reference temperature i.e 25°C	No de-ration		High	
5.	Coupling Type	Direct (Disc Coupling)		High	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V Self-Start		High	
9.	Governor type	Mechanical / Electronic		High	
<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ignition system		Low	

For National Bank of Pakistan

For Bidder



<b>C GENERATOR / ALTERNATOR (BRAND &amp; MODEL)</b>					
1.	Prime (Continuous) power design rating (KVA / KW)	125 / 100		High	
2.	Standby Output Rating (KVA / KW)	137.5 / 110		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Alternator design temperature in (°C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
<b>C-a Insulation class</b>					
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
<b>C-b Efficiency at 0.80 pf in %</b>					
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥ 85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D CONTROL PANEL</b>					
1.	Molded Case Circuit Breaker (MCCB)	(125A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		High	
2.	Module	Deep Sea or equivalent		High	
<b>D-a Display Parameters</b>					
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in (°C)	-Do-		High	
9.	Engine running hours	-Do-		High	
10.	Battery Charging current (Amps).	-Do-		High	
<b>D-b Alarm / Indication Lamps For Safety</b>					
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	
3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	
6.	Short-circuittripping of main circuit breaker	-Do-		High	

For National Bank of Pakistan

For Bidder



7.	Low oil level etc.	-Do-		High	
<b>D-c</b>	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High temperature	-Do-		High	
4.	Abnormal output voltage	-Do-		High	
5.	Low fuel oil in tank	-Do-		High	
6.	Winding high temperature	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		Low	
2	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>				
a.	At 50% of rated load	< 75db		low	
b.	At 75% of rated load	<80db		low	
c.	At 100% of rated load	<85 db		low	

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - a. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - b. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Copies of Performance Certificates of quoted D.G Set are required alongwith technical proposal.
3. In case of imported D.G set, share relevant import documents or state "Local" on signed company letter head.
4. Above all information should be provided alongwith document evidence of required technical data / characteristics / other information related to specifications is required from principal (on required basis for technical evaluation), otherwise tender will not be accept and will be declared as rejected.
5. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.

For National Bank of Pakistan 

For Bidder \_\_\_\_\_

**EVALUATION CRITERIA**

**LOT 3-N - SUPPLY & INSTALLATION OF ONE (1) 100 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	100 / 80		High	
2.	Standby Output Rating (KVA / KW)	110 / 88		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Power Factor	0.8		High	
5.	Speed(RPM)	1500		High	
6.	Frequency (Hz)	50		High	
7.	Governor type	Mechanical		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤11		High	
2.	At 75% of rated load (L/H)	≤17		High	
3.	At 100% of rated load (L/H)	≤22		High	
	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12Hours		High	
<b>B</b>	<b>ENGINE (BRAND &amp; MODEL)</b>				
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	3 or 4		High	
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		High	
4.	% de-ration at ambient temperature 45°C above standard reference temperature i.e 25°C	No de-ration		High	
5.	Coupling Type	Direct (Disc Coupling)		High	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V, Self-Start		High	
9.	Governor type	Mechanical		High	
<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ig-		Low	



		nitiation system			
<b>C</b>	<b>GENERATOR / ALTERNATOR (BRAND &amp; MODEL)</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	100 / 80		High	
2.	Standby Output Rating (KVA / KW)	110 / 88		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Alternator design temperature in (°C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
<b>C-a</b>	<b>Insulation class</b>				
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>				
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥ 85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D</b>	<b>CONTROL PANEL</b>				
1.	Molded Case Circuit Breaker (MCCB)	(100A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		High	
2.	Module	Deep Sea or equivalent		High	
	<b>Display Parameters</b>				
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in (°C)	-Do-		High	
9.	Engine running hours	-Do-		High	
10.	Battery Charging current (Amps).	-Do-		High	
	<b>Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	



3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	
6.	Short-circuit tripping of main circuit breaker	-Do-		High	
7.	Low oil level etc.	-Do-		High	
	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High temperature	-Do-		High	
4.	Abnormal output voltage	-Do-		High	
5.	Low fuel oil in tank	-Do-		High	
6.	Winding high temperature	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		Low	
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>				
a.	At 50% of rated load	≤ 75 db		low	
b.	At 75% of rated load	≤ 80 db		low	
c.	At 100% of rated load	≤ 85 db		low	

**IMPORTANT NOTES:**

2. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - c. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - d. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
3. Above all information should be provided alongwith document evidence otherwise tender will not be accept and will be declared as rejected.

Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.-



**EVALUATION CRITERIA**

**LOT 5-N - SUPPLY & INSTALLATION OF ONE (1) 30 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>			
1.	Prime (Continuous) power design rating (KVA / KW)	30/24		
2.	Standby Output Rating (KVA / KW)	33/26.4		
3.	Rated Voltage (Volts)	400V/230V		
4.	D.G set design temperature in (°C)	≥ 40°C		
5.	Power Factor	0.8		
6.	Speed(RPM)	1500		
7.	Frequency (Hz)	50		
8.	Governor type	Mechanical		
<b>A-a.</b>	<b>Specific Fuel consumption</b>			
1.	At 50% of rated load (L/H)	≤4		
2.	At 75% of rated load (L/H)	≤5		
3.	At 100% of rated load (L/H)	≤8		
	<b>DG Set De-Rating Factor</b>			
1.	For Altitude 1000 meters above MSL	No De-rating		
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			
<b>A-d</b>	<b>Fuel Tank capacity</b>			
1.	For Operation at 100% of rated load	12Hours		
<b>B</b>	<b>ENGINE</b>			
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		
2.	No. of cylinders	3 or 4		
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		
4.	Engine design temperature in (°C)	≥ 40°C		
5.	Coupling Type	Direct (Disc Coupling)		
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		
7.	Cooling System	Water Cooled		
8.	Ignition System	12V Self-Start		
9.	Governor type	Mechanical		
<b>B-b</b>	<b>BATTERIES</b>			
1.	Type	Lead Acid (Dry or Wet)		
2.	Rating (V & AH)	As per D.G set ignition system		



<b>C</b>	<b>GENERATOR / ALTERNATOR</b>			
1.	Prime (Continuous) power design rating (KVA / KW)	30/24		
2.	Standby Output Rating (KVA / KW)	33/26.4		
3.	Rated Voltage (Volts)	400V/230V		
4.	Alternator design temperature in (°C)	≥ 40°C		
5.	Power Factor	0.8		
6.	Speed(RPM)	1500		
7.	Frequency (Hz)	50		
<b>C-a</b>	<b>Insulation class</b>			
1.	Stator	H-Class		
2.	Rotor	H-Class		
3.	Exciter	H-Class		
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>			
1.	At 50% of rated load	≥90%		
2.	At 75% of rated load	≥ 85%		
3.	At 100% of rated load	≥ 75%		
<b>D</b>	<b>CONTROL PANEL</b>			
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		
2.	Module	Deep Sea or equivalent		
	<b>Display Parameters</b>			
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		
2.	Output Current (L-L/L-N)	-Do-		
3.	Kilowatt	-Do-		
4.	Total Kilowatt Hour	-Do-		
5.	Frequency (Hz)	-Do-		
6.	Engine speed (rpm)	-Do-		
7.	Lube oil Pressure (Bars)	-Do-		
8.	Engine temperature in (°C)	-Do-		
9.	Engine running hours	-Do-		
10.	Battery Charging current (Amps).	-Do-		
	<b>Alarm / Indication Lamps For Safety</b>			
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		
2.	Low lube oil pressure	-Do-		
3.	High Engine water temperature	-Do-		



4.	Over voltage	-Do-		
5.	Under voltage	-Do-		
6.	Short-circuit tripping of main circuit breaker	-Do-		
7.	Low oil level etc.	-Do-		
	<b>Safety tripping For Instantaneous Shut Down due To</b>			
1.	Engine over / under speed	Equipped for instant shut down of D.G set		
2.	Low lube oil pressure	-Do-		
3.	High temperature	-Do-		
4.	Abnormal output voltage	-Do-		
5.	Low fuel oil in tank	-Do-		
6.	Winding high temperature	-Do-		
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>			
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>			
a.	At 50% of rated load	≤65db		
b.	At 75% of rated load	≤78db		
c.	At 100% of rated load	≤85 db		

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - a. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - b. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Above all information should be provided along with document evidence otherwise tender will not be accepted and will be declared as rejected.
3. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.-



**EVALUATION CRITERIA**

**LOT 6-N - SUPPLY & INSTALLATION OF THIRTEEN (13) 20 KVA (PRIME) DIESEL GENERATOR SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	20 / 16		High	
2.	Standby Output Rating (KVA / KW)	22 / 17.5		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	D.G set design temperature in (°C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
8.	Governor type	Mechanical		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤4		High	
2.	At 75% of rated load (L/H)	≤5		High	
3.	At 100% of rated load (L/H)	≤8		High	
	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>	5000 hr		Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12000 Hours		High	
<b>B</b>	<b>ENGINE</b>			Low	
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	3 or 4			
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		Low	
4.	Engine design temperature in (°C)	≥ 40°C		High	
5.	Coupling Type	Direct (Disc Coupling)		Low	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V Self-Start		High	
9.	Governor type	Mechanical		High	
10.	ISO Certification	8528, 3046		High	



<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ignition system		Low	
<b>C</b>	<b>ALTERNATOR</b>				
<b>C-a</b>	<b>Insulation class</b>				
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
4.	Standard Certificate	IEC 60034-1 BS 5000		High	
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>				
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥ 85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D</b>	<b>CONTROL PANEL</b>				
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)			
2.	Module	Deep Sea or equivalent			
	<b>Display Parameters</b>				
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in (°C)	-Do-		High	
9.	Engine running hours	-Do-		High	
10.	Battery Charging current (Amps).	-Do-		High	
	<b>Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	
3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	



	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High engine water temperature	-Do-		High	
4.	Over /Under voltage	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		Low	
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>				
A	At 50% of rated load	≤ 70 db		Low	
B	At 75% of rated load	≤ 75 db		Low	
c	At 100% of rated load	≤80db		Low	

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - a. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - b. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Above all information should be provided along with document evidence otherwise tender will not be accepted and will be declared as rejected.
3. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.-
4. All requirements mentioned in Evaluation Criteria with "Priority" (High/Low) are evaluated as follows.
  - i. All requirements with "high" Priority must be answered as "Y" or "N" if bidder response "N" against any of such "High" Priority Requirement its bid will be considered as technically disqualified/Non-compliant and will be rejected.
  - ii. For with "Low" Priority can be answered as Y, Yes, N, No,. If bidder responds "N" or NO, against any of the "Low" Priority requirement, its bid will not be considered as rejected.

NBP may ask any other additional documentary evidence or explanation against any item for clarification that must be provided by the Bidder during the period of evaluation. Bidder should respond to such requests within the time frame indicated in the correspondence (letter/fax/e-mail). If the bidder fails to provide the required information within given timeframe, its bid will be considered as rejected



**EVALUATION CRITERIA**

**LOT 7-N - SUPPLY & INSTALLATION OF SEVENTEEN (17) 12.5 KVA (PRIME) DIESEL GENERATOR SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	12.5 / 10		High	
2.	Standby Output Rating (KVA / KW)	13.75 / 11		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Power Factor	0.8		High	
5.	Speed(RPM)	1500		High	
6.	Frequency (Hz)	50		High	
7.	Governor type	Mechanical/ Electronic		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤2.4		High	
2.	At 75% of rated load (L/H)	≤2.8		High	
3.	At 100% of rated load (L/H)	≤3.5		High	
	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12Hours		High	
<b>B</b>	<b>ENGINE (BRAND &amp; MODEL)</b>				
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	3 or 4		High	
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		High	
4.	% de-ration at ambient temperature 45 <sup>o</sup> C above standard reference temperature i.e 25 <sup>o</sup> C	No-Deration		High	
5.	Coupling Type	Direct (Disc Coupling)		High	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V Self-Start		High	



9.	Governor type	Mechanical/ Electronic		High	
<b>B-b BATTERIES</b>					
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ignition system		Low	
<b>C GENERATOR / ALTERNATOR (BRAND &amp; MODEL)</b>					
1.	Prime (Continuous) power design rating (KVA / KW)	12.5 / 10		High	
2.	Standby Output Rating (KVA / KW)	13.75 / 11		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Alternator design temperature in (°C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
<b>C-a Insulation class</b>					
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
<b>C-b Efficiency at 0.80 pf in %</b>					
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D CONTROL PANEL</b>					
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		High	
2.	Module	Deep Sea or equivalent		High	
<b>Display Parameters</b>					
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in (°C)	-Do-		High	
9.	Engine running hours	-Do-		High	



10.	Battery Charging current (Amps).	-Do-		High	
	<b>Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	
3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	
6.	Short-circuittripping of main circuit breaker	-Do-		High	
7.	Low oil level etc.	-Do-		High	
	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High temperature	-Do-		High	
4.	Abnormal output voltage	-Do-		High	
5.	Low fuel oil in tank	-Do-		High	
6.	Winding high temperature	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved col-		Low	



		or.			
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>				
a.	At 50% of rated load	≤65db		low	
b.	At 75% of rated load	≤68db		low	
c.	At 100% of rated load	≤72db		low	

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
    - e. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
    - f. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
  2. Copies of Performance Certificates of quoted D.G Set are required alongwith technical proposal.
  3. In case of imported D.G set, share relevant import documents or state “Local” on signed company letter head.
  4. Above all information should be provided alongwith document evidence of required technical data / characteristics / other information related to specifications is required from principal (on required basis for technical evaluation), otherwise tender will not be accept and will be declared as rejected.
- Misquote & Non-compliance of required data / values / information etc. of D.G set’s equipment & components will lead to reject tender even lowest.



**EVALUATION CRITERIA**

**LOT 3-C - SUPPLY & INSTALLATION OF TWO (2) 100 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	100 / 80		High	
2.	Standby Output Rating (KVA / KW)	110 / 88		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Power Factor	0.8		High	
5.	Speed(RPM)	1500		High	
6.	Frequency (Hz)	50		High	
7.	Governor type	Mechanical		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤11		High	
2.	At 75% of rated load (L/H)	≤17		High	
3.	At 100% of rated load (L/H)	≤22		High	
	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12Hours		High	
<b>B</b>	<b>ENGINE (BRAND &amp; MODEL)</b>				
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	3 or 4		High	
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		High	
4.	% de-ration at ambient temperature 45°C above standard reference temperature i.e 25°C	No de-ration		High	
5.	Coupling Type	Direct (Disc Coupling)		High	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V, Self-Start		High	
9.	Governor type	Mechanical		High	
<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ig-		Low	



		nitiation system			
<b>C</b>	<b>GENERATOR / ALTERNATOR (BRAND &amp; MODEL)</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	100 / 80		High	
2.	Standby Output Rating (KVA / KW)	110 / 88		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Alternator design temperature in (°C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
<b>C-a</b>	<b>Insulation class</b>				
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>				
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥ 85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D</b>	<b>CONTROL PANEL</b>				
1.	Molded Case Circuit Breaker (MCCB)	(100A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		High	
2.	Module	Deep Sea or equivalent		High	
	<b>Display Parameters</b>				
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in (°C)	-Do-		High	
9.	Engine running hours	-Do-		High	
10.	Battery Charging current (Amps).	-Do-		High	
	<b>Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	



3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	
6.	Short-circuit tripping of main circuit breaker	-Do-		High	
7.	Low oil level etc.	-Do-		High	
	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High temperature	-Do-		High	
4.	Abnormal output voltage	-Do-		High	
5.	Low fuel oil in tank	-Do-		High	
6.	Winding high temperature	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		Low	
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>				
a.	At 50% of rated load	≤ 75 db		low	
b.	At 75% of rated load	≤ 80 db		low	
c.	At 100% of rated load	≤ 85 db		low	

**IMPORTANT NOTES:**

- Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
- Above all information should be provided alongwith document evidence otherwise tender will not be accept and will be declared as rejected.

Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.-



**EVALUATION CRITERIA**

**LOT 4-C - SUPPLY & INSTALLATION OF FIVE (5) 50 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	50 / 40		High	
2.	Standby Output Rating (KVA / KW)	55 / 44		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Power Factor	0.8		High	
5.	Speed(RPM)	1500		High	
6.	Frequency (Hz)	50		High	
7.	Governor type	Mechanical		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤8		High	
2.	At 75% of rated load (L/H)	≤11		High	
3.	At 100% of rated load (L/H)	≤15		High	
	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12Hours		High	
<b>B</b>	<b>ENGINE (BRAND &amp; MODEL)</b>				
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	3 or 4		High	
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		High	
4.	% de-ration at ambient temperature 45°C above standard reference temperature i.e 25°C	No de-ration		High	
5.	Coupling Type	Direct (Disc Coupling)		High	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V Self-Start		High	
9.	Governor type	Mechanical		High	
<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set igni-		Low	



		tion system			
<b>C</b>	<b>GENERATOR / ALTERNATOR (BRAND &amp; MODEL)</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	50 / 40		High	
2.	Standby Output Rating (KVA / KW)	55 / 44		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Alternator design temperature in ( <sup>0</sup> C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
<b>C-a</b>	<b>Insulation class</b>				
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>				
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥ 85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D</b>	<b>CONTROL PANEL</b>				
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		High	
2.	Module	Deep Sea or equivalent		High	
	<b>Display Parameters</b>				
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in ( <sup>0</sup> C)	-Do-		High	
9.	Engine running hours	-Do-		High	
10.	Battery Charging current (Amps).	-Do-		High	
	<b>Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	



3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	
6.	Short-circuit tripping of main circuit breaker	-Do-		High	
7.	Low oil level etc.	-Do-		High	
	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High temperature	-Do-		High	
4.	Abnormal output voltage	-Do-		High	
5.	Low fuel oil in tank	-Do-		High	
6.	Winding high temperature	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, FINDER or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		Low	
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance (dB)</b>				
a.	At 50% of rated load	≤ 75db		low	
b.	At 75% of rated load	≤ 80db		low	
c.	At 100% of rated load	≤ 85 db		low	

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - a. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - b. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Above all information should be provided alongwith document evidence otherwise tender will not be accept and will be declared as rejected.
3. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.-



**EVALUATION CRITERIA**

**LOT 5-C - SUPPLY & INSTALLATION OF ONE (1) 30 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>			
1.	Prime (Continuous) power design rating (KVA / KW)	30/24		
2.	Standby Output Rating (KVA / KW)	33/26.4		
3.	Rated Voltage (Volts)	400V/230V		
4.	D.G set design temperature in (°C)	≥ 40°C		
5.	Power Factor	0.8		
6.	Speed(RPM)	1500		
7.	Frequency (Hz)	50		
8.	Governor type	Mechanical		
<b>A-a.</b>	<b>Specific Fuel consumption</b>			
1.	At 50% of rated load (L/H)	≤4		
2.	At 75% of rated load (L/H)	≤5		
3.	At 100% of rated load (L/H)	≤8		
	<b>DG Set De-Rating Factor</b>			
1.	For Altitude 1000 meters above MSL	No De-rating		
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			
<b>A-d</b>	<b>Fuel Tank capacity</b>			
1.	For Operation at 100% of rated load	12Hours		
<b>B</b>	<b>ENGINE</b>			
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		
2.	No. of cylinders	3 or 4		
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		
4.	Engine design temperature in (°C)	≥ 40°C		
5.	Coupling Type	Direct (Disc Coupling)		
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		
7.	Cooling System	Water Cooled		
8.	Ignition System	12V Self-Start		
9.	Governor type	Mechanical		
<b>B-b</b>	<b>BATTERIES</b>			
1.	Type	Lead Acid (Dry or Wet)		
2.	Rating (V & AH)	As per D.G set ignition system		



<b>C</b>	<b>GENERATOR / ALTERNATOR</b>			
1.	Prime (Continuous) power design rating (KVA / KW)	30/24		
2.	Standby Output Rating (KVA / KW)	33/26.4		
3.	Rated Voltage (Volts)	400V/230V		
4.	Alternator design temperature in ( <sup>0</sup> C)	≥ 40°C		
5.	Power Factor	0.8		
6.	Speed(RPM)	1500		
7.	Frequency (Hz)	50		
<b>C-a</b>	<b>Insulation class</b>			
1.	Stator	H-Class		
2.	Rotor	H-Class		
3.	Exciter	H-Class		
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>			
1.	At 50% of rated load	≥90%		
2.	At 75% of rated load	≥ 85%		
3.	At 100% of rated load	≥ 75%		
<b>D</b>	<b>CONTROL PANEL</b>			
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		
2.	Module	Deep Sea or equivalent		
	<b>Display Parameters</b>			
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		
2.	Output Current (L-L/L-N)	-Do-		
3.	Kilowatt	-Do-		
4.	Total Kilowatt Hour	-Do-		
5.	Frequency (Hz)	-Do-		
6.	Engine speed (rpm)	-Do-		
7.	Lube oil Pressure (Bars)	-Do-		
8.	Engine temperature in ( <sup>0</sup> C)	-Do-		
9.	Engine running hours	-Do-		
10.	Battery Charging current (Amps).	-Do-		
	<b>Alarm / Indication Lamps For Safety</b>			
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		
2.	Low lube oil pressure	-Do-		
3.	High Engine water temperature	-Do-		



4.	Over voltage	-Do-		
5.	Under voltage	-Do-		
6.	Short-circuit tripping of main circuit breaker	-Do-		
7.	Low oil level etc.	-Do-		
	<b>Safety tripping For Instantaneous Shut Down due To</b>			
1.	Engine over / under speed	Equipped for instant shut down of D.G set		
2.	Low lube oil pressure	-Do-		
3.	High temperature	-Do-		
4.	Abnormal output voltage	-Do-		
5.	Low fuel oil in tank	-Do-		
6.	Winding high temperature	-Do-		
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>			
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>			
a.	At 50% of rated load	≤65db		
b.	At 75% of rated load	≤78db		
c.	At 100% of rated load	≤85 db		

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - c. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - d. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Above all information should be provided along with document evidence otherwise tender will not be accepted and will be declared as rejected.
3. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.-



**EVALUATION CRITERIA**

**LOT 6-C - SUPPLY & INSTALLATION OF TWELVE (12) 20 KVA (PRIME) DIESEL GENERATOR SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	20 / 16		High	
2.	Standby Output Rating (KVA / KW)	22 / 17.5		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	D.G set design temperature in (°C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
8.	Governor type	Mechanical		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤4		High	
2.	At 75% of rated load (L/H)	≤5		High	
3.	At 100% of rated load (L/H)	≤8		High	
	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>	5000 hr		Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12000 Hours		High	
<b>B</b>	<b>ENGINE</b>			Low	
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	3 or 4			
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		Low	
4.	Engine design temperature in (°C)	≥ 40°C		High	
5.	Coupling Type	Direct (Disc Coupling)		Low	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V Self-Start		High	
9.	Governor type	Mechanical		High	
10.	ISO Certification	8528, 3046		High	



<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ignition system		Low	
<b>C</b>	<b>ALTERNATOR</b>				
<b>C-a</b>	<b>Insulation class</b>				
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
4.	Standard Certificate	IEC 60034-1 BS 5000		High	
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>				
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥ 85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D</b>	<b>CONTROL PANEL</b>				
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)			
2.	Module	Deep Sea or equivalent			
	<b>Display Parameters</b>				
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in (°C)	-Do-		High	
9.	Engine running hours	-Do-		High	
10.	Battery Charging current (Amps).	-Do-		High	
	<b>Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	
3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	



	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High engine water temperature	-Do-		High	
4.	Over /Under voltage	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		Low	
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>				
A	At 50% of rated load	≤ 70 db		Low	
B	At 75% of rated load	≤ 75 db		Low	
c	At 100% of rated load	≤80db		Low	

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - c. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - d. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Above all information should be provided along with document evidence otherwise tender will not be accepted and will be declared as rejected.
3. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.-
4. All requirements mentioned in Evaluation Criteria with "Priority" (High/Low) are evaluated as follows.
  - iii. All requirements with "high" Priority must be answered as "Y" or "N" if bidder response "N" against any of such "High" Priority Requirement its bid will be considered as technically disqualified/Non-compliant and will be rejected.
  - iv. For with "Low" Priority can be answered as Y, Yes, N, No,. If bidder responds "N" or NO, against any of the "Low" Priority requirement, its bid will not be considered as rejected.
5. NBP may ask any other additional documentary evidence or explanation against any item for clarification that must be provided by the Bidder during the period of evaluation. Bidder should respond to such requests within the time frame indicated in the correspondence (letter/fax/e-mail). If the bidder fails to provide the required information within given timeframe, its bid will be considered as rejected.



**EVALUATION CRITERIA**

**LOT 7-C - SUPPLY & INSTALLATION OF FOURTEEN (14) 12.5 KVA (PRIME) DIESEL GENERATOR SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Corresponding data / value of D.G set's components offered by vendor	Priority	Reference (Mention Flag No. /Page No.)
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	12.5 / 10		High	
2.	Standby Output Rating (KVA / KW)	13.75 / 11		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Power Factor	0.8		High	
5.	Speed(RPM)	1500		High	
6.	Frequency (Hz)	50		High	
7.	Governor type	Mechanical/ Electronic		High	
<b>A-a.</b>	<b>Specific Fuel consumption</b>				
1.	At 50% of rated load (L/H)	≤2.4		High	
2.	At 75% of rated load (L/H)	≤2.8		High	
3.	At 100% of rated load (L/H)	≤3.5		High	
	<b>DG Set De-Rating Factor</b>				
1.	For Altitude 1000 meters above MSL	No De-rating		Low	
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			Low	
<b>A-d</b>	<b>Fuel Tank capacity</b>				
1.	For Operation at 100% of rated load	12Hours		High	
<b>B</b>	<b>ENGINE (BRAND &amp; MODEL)</b>				
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		Low	
2.	No. of cylinders	3 or 4		High	
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		High	
4.	% de-ration at ambient temperature 45°C above standard reference temperature i.e 25°C	No-Deration		High	
5.	Coupling Type	Direct (Disc Coupling)		High	
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		High	
7.	Cooling System	Water Cooled		High	
8.	Ignition System	12V Self-Start		High	
9.	Governor type	Mechanical/ Elec-		High	



		tronic			
<b>B-b</b>	<b>BATTERIES</b>				
1.	Type	Lead Acid (Dry or Wet)		Low	
2.	Rating (V & AH)	As per D.G set ignition system		Low	
<b>C</b>	<b>GENERATOR / ALTERNATOR (BRAND &amp; MODEL)</b>				
1.	Prime (Continuous) power design rating (KVA / KW)	12.5 / 10		High	
2.	Standby Output Rating (KVA / KW)	13.75 / 11		High	
3.	Rated Voltage (Volts)	400V/230V		High	
4.	Alternator design temperature in (°C)	≥ 40		High	
5.	Power Factor	0.8		High	
6.	Speed(RPM)	1500		High	
7.	Frequency (Hz)	50		High	
<b>C-a</b>	<b>Insulation class</b>				
1.	Stator	H-Class		Low	
2.	Rotor	H-Class		Low	
3.	Exciter	H-Class		Low	
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>				
1.	At 50% of rated load	≥90%		High	
2.	At 75% of rated load	≥85%		High	
3.	At 100% of rated load	≥ 75%		High	
<b>D</b>	<b>CONTROL PANEL</b>				
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		High	
2.	Module	Deep Sea or equivalent		High	
	<b>Display Parameters</b>				
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		High	
2.	Output Current (L-L/L-N)	-Do-		High	
3.	Kilowatt	-Do-		High	
4.	Total Kilowatt Hour	-Do-		High	
5.	Frequency (Hz)	-Do-		High	
6.	Engine speed (rpm)	-Do-		High	
7.	Lube oil Pressure (Bars)	-Do-		High	
8.	Engine temperature in (°C)	-Do-		High	
9.	Engine running hours	-Do-		High	



10.	Battery Charging current (Amps).	-Do-		High	
	<b>Alarm / Indication Lamps For Safety</b>				
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		High	
2.	Low lube oil pressure	-Do-		High	
3.	High Engine water temperature	-Do-		High	
4.	Over voltage	-Do-		High	
5.	Under voltage	-Do-		High	
6.	Short-circuittripping of main circuit breaker	-Do-		High	
7.	Low oil level etc.	-Do-		High	
	<b>Safety tripping For Instantaneous Shut Down due To</b>				
1.	Engine over / under speed	Equipped for instant shut down of D.G set		High	
2.	Low lube oil pressure	-Do-		High	
3.	High temperature	-Do-		High	
4.	Abnormal output voltage	-Do-		High	
5.	Low fuel oil in tank	-Do-		High	
6.	Winding high temperature	-Do-		High	
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		Low	
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>				
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved col-		Low	



		or.			
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>				
a.	At 50% of rated load	≤65db		low	
b.	At 75% of rated load	≤68db		low	
c.	At 100% of rated load	≤72db		low	

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - i. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - j. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Copies of Performance Certificates of quoted D.G Set are required alongwith technical proposal.
3. In case of imported D.G set, share relevant import documents or state "Local" on signed company letter head.
4. Above all information should be provided alongwith document evidence of required technical data / characteristics / other information related to specifications is required from principal (on required basis for technical evaluation), otherwise tender will not be accept and will be declared as rejected. Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest.



**EVALUATION CRITERIA**

**LOT 8-C - SUPPLY & INSTALLATION OF THREE (3) 10 KVA (PRIME) DIESEL GENERATOR SETS**

Sr. No.	Description of D.G set components / parameters	NBP proposed technical data / range / features of D.G set's components	Compliant (Y / N) (Evaluated by NBP)	Observation / Remarks
<b>A</b>	<b>D.G SET ASSEMBLER / MANUFACTURER NAME</b>			
1.	Prime (Continuous) power design rating (KVA / KW)	10/8		
2.	Standby Output Rating (KVA / KW)	11/8.8		
3.	Rated Voltage (Volts)	400V/230V		
4.	D.G set design temperature in (°C)	≥ 40°C		
5.	Power Factor	0.8		
6.	Speed(RPM)	1500		
7.	Frequency (Hz)	50		
8.	Governor type	Mechanical		
<b>A-a.</b>	<b>Specific Fuel consumption</b>			
1.	At 50% of rated load (L/H)	≤2.4		
2.	At 75% of rated load (L/H)	≤2.8		
3.	At 100% of rated load (L/H)	≤3.5		
	<b>DG Set De-Rating Factor</b>			
1.	For Altitude 1000 meters above MSL	No De-rating		
<b>A-c</b>	<b>D.G set design life at 80% load in Hours</b>			
<b>A-d</b>	<b>Fuel Tank capacity</b>			
1.	For Operation at 100% of rated load	12Hours		
<b>B</b>	<b>ENGINE</b>			
1.	De-ration for Altitude up to 1000 meters AMSL	No de-ration		
2.	No. of cylinders	3 or 4		
3.	Arrangement of Cylinders (In-line/v)	Vertical Inline		
4.	Engine design temperature in (°C)	≥ 40°C		
5.	Coupling Type	Direct (Disc Coupling)		
6.	Mounting Arrangement	Anti-Vibration Skid Mounted		
7.	Cooling System	Water Cooled		
8.	Ignition System	12V Self-Start		
9.	Governor type	Mechanical		
<b>B-b</b>	<b>BATTERIES</b>			
1.	Type	Lead Acid (Dry or Wet)		
2.	Rating (V & AH)	As per D.G set ignition system		
<b>C</b>	<b>GENERATOR / ALTERNATOR</b>			



1.	Prime (Continuous) power design rating (KVA / KW)	10/8		
2.	Standby Output Rating (KVA / KW)	11 / 8.8		
3.	Rated Voltage (Volts)	400V/230V		
4.	Alternator design temperature in (°C)	≥ 40°C		
5.	Power Factor	0.8		
6.	Speed(RPM)	1500		
7.	Frequency (Hz)	50		
<b>C-a</b>	<b>Insulation class</b>			
1.	Stator	H-Class		
2.	Rotor	H-Class		
3.	Exciter	H-Class		
<b>C-b</b>	<b>Efficiency at 0.80 pf in %</b>			
1.	At 50% of rated load	≥90%		
2.	At 75% of rated load	≥ 85%		
3.	At 100% of rated load	≥ 75%		
<b>D</b>	<b>CONTROL PANEL</b>			
1.	Molded Case Circuit Breaker (MCCB)	(40A), 3-Pole (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National or equivalent)		
2.	Module	Deep Sea or equivalent		
	<b>Display Parameters</b>			
1.	Output Volts (L-L/L-N)	Indication on LCD module or meters / gauges on Electric Control Panel		
2.	Output Current (L-L/L-N)	-Do-		
3.	Kilowatt	-Do-		
4.	Total Kilowatt Hour	-Do-		
5.	Frequency (Hz)	-Do-		
6.	Engine speed (rpm)	-Do-		
7.	Lube oil Pressure (Bars)	-Do-		
8.	Engine temperature in (°C)	-Do-		
9.	Engine running hours	-Do-		
10.	Battery Charging current (Amps).	-Do-		
	<b>Alarm / Indication Lamps For Safety</b>			
1.	Engine Over / Under speed	Indication on Electric Control Panel LCD/ Meters/ Gauges		
2.	Low lube oil pressure	-Do-		
3.	High Engine water temperature	-Do-		
4.	Over voltage	-Do-		



5.	Under voltage	-Do-		
6.	Short-circuit tripping of main circuit breaker	-Do-		
7.	Low oil level etc.	-Do-		
	<b>Safety tripping For Instantaneous Shut Down due To</b>			
1.	Engine over / under speed	Equipped for instant shut down of D.G set		
2.	Low lube oil pressure	-Do-		
3.	High temperature	-Do-		
4.	Abnormal output voltage	-Do-		
5.	Low fuel oil in tank	-Do-		
6.	Winding high temperature	-Do-		
<b>E</b>	<b>AUTO TRANSFER SWITCH (ATS) PANEL (in Accordance to Generator Rating)</b>	- Local / Imported - 16SWG M.S sheet - 4-Pole with manual override system equipped with (Siemens, Terasaki, Fuji, Legrand, ABB, Hager, National, Telemecanique, Finder or equivalent) MCCBs, Magnetic contactors, control fuses, indication lights, relays etc.		
<b>F</b>	<b>M.S. WEATHER &amp; SOUND ATTENUATED CANOPY</b>			
1.	Canopy	14-16 SWG M.S sheet duly painted with initially anti-rust paint & finally powder coated with approved color.		
	<b>NOISE LEVEL OF D.G. SET WITH CANOPY at 7meter distance(dB)</b>			
a.	At 50% of rated load	≤65db		
b.	At 75% of rated load	≤68db		
c.	At 100% of rated load	≤72 db		

**IMPORTANT NOTES:**

1. Attach attested copies of valid ISO Certificates i.e. Standard quality management (9001), Health & Safety (18001) etc. for:-
  - k. ISO Certification in the name of original imported equipment manufacturer for imported D.G sets in CBU form.
  - l. ISO Certification in the name of local equipment manufacturer for value addition in imported D.G sets in CKD form.
2. Above all information should be provided alongwith document evidence otherwise tender will not be accept and will be declared as rejected.

Misquote & Non-compliance of required data / values / information etc. of D.G set's equipment & components will lead to reject tender even lowest



## SCOPE OF SUPPLY / SCHEDULE OF REQUIREMENT

### PROCUREMENT OF DIESEL & PETROL GENERATOR SETS

Lot	Item	Quantity in Central Region	Quantity in North Region
1	Supply & Installation of 200 KVA Diesel Generator Set	1	0
2	Supply & Installation of 125 KVA Diesel Generator Set	1	0
3	Supply & Installation of 100 KVA Diesel Generator Set	1	2
4	Supply & Installation of 50 KVA Diesel Generator Set	0	5
5	Supply & Installation of 30 KVA Diesel Generator Set	1	1
6	Supply & Installation of 20 KVA Diesel Generator Set	13	12
7	Supply & Installation of 12.5 KVA Diesel Generator Set	17	14
8	Supply & Installation of 10 KVA Diesel Generator Set	0	3
9	Supply & Installation of 5.5 KVA Diesel Generator Set	2	7

<b>SUPPLY &amp; INSTALLATION OF DIESEL GENERATOR SETS (NORTH)</b>		
Sr.	Branches / Offices	Capacity in KVA
1	NBP Civil Lines Branch R.O. Jehlum BC.0344	100
2	NBP Regional Office Mardan	100
3	NBP Regional Office Rawalakot	50
4	NBP Peshawar Cantt Branch R.O. Peshawar	50
5	NBP SSC Tank Branch RO Bannu BC.1851	50
6	NBP City Branch Bannu	50
7	NBP, Supper Market Branch, Islamabad	50
8	NBP Chak Khasa Branch R.O. Jehlum	30
9	NBP Hattian Branch RO Muzaffarabad AJK	20
10	NBP Hassanabdal Br RO Rawalpindi	20
11	NBP NHQ Br Islamabad	20
12	NBP GT Road Rawat Br RO Rawalpindi	20
13	NBP Daggar Br RO Mardan	20
14	NBP IBB Barhing Branch AJK BC.1671	20
15	NBP Mallot Branch Bagh AJK BC.1716	20
16	NBP Pattika Branch R.O. Muzaffarabad AJK BC.1672	20
17	NBP Skardu Branch RO Gilgit BC.486	20
18	NBP Khaplu Branch RO Gilgit BC.888	20
19	NBP Daultala Branch, Jehlum.	20
20	NBP Fateh Jhang Branch, Rawalpindi Region BC.0454	20
21	NBP Ball Khan Mong Br RO Rawalakot	12.5
22	NBP Choa Khalsa Br RO Rawalpindi	12.5
23	NBP Choa Saidan Shah Br RO Jehlum	12.5
24	NBP Pindi Gheb Br RO Mardan	12.5
25	Malakand UC Br RO Mardan	12.5
26	NBP Tootana Bandi Br IBG KPK	12.5
27	NBP Dheri Arain Branch R.O. Jehlum	12.5



28	NBP Jasrota Brach R.O. Jehlum	12.5
29	NBP IBG Charsadda Sugar Mill Brach, KPK	12.5
30	NBP Liaqatabad Branch R.O. Mirpur AJK BC.1844	12.5
31	NBP Tootana Bandi Br IBG KPK	12.5
32	NBP Proa Branch D.I. Khan RO Bannu	12.5
33	NBP Skardu Branch RO Gilgit	12.5
34	NBP Shaikh Yousaf Branch D.I. Khan (Bannu) BC.1429	12.5
35	NBP IBB Noshera IBG KPK Region	10
36	NBP Nilore Branch Islamabad BC.565	10
37	NBP Chakri Branch RO Rawalpindi BC.932	10
38	NBP, Sarhohota Branch Mirpur AJK	5.5
39	NBP, Rangla Branch Rawalakot AJK	5
40	NBP, Gambella Branch Bannu	5
41	NBP, Thall Branch Bannu Region	5
42	NBP, Mangal Mela Branch Bannu	5
43	NBP Thall Branch, R.O. Bannu BC.0411	5.5
44	NBP Leepa Valley Br RO Muzaffarabad	5.5

<b>SUPPLY &amp; INSTALLATION OF DIESEL GENERATOR SETS (CENTRAL)</b>		
<b>Sr.</b>	<b>Branches / Offices</b>	<b>Capacity in KVA</b>
1	NBP Regional Office Sargodha	200
2	NBP IBG Punjab Central, Pace Tower Building Gulberg Lahore	125
3	NBP Civil Lines Branch Sheikhupura	100
4	NBP Main Branch Bhalwal (0312), RO Sargodha	30
5	NBP Musa Khel Branch R.O. Mianwali BC.0633	20
6	NBP GT Road Rahwali Branch Regional Office Gujranwala	20
7	NBP 691-R.D. Branch R.O. Sargodha BC.0691	20
8	NBP Chamber of Commerce and Industry Branch R.O. Sheikhupura BC.2214	20
9	NBP Mamoon Kanjan branch (1458) RO Faisalabad	20
10	NBP Shahpur Saddar Branch (0431), RO Sargodha	20
11	NBP T.R. Chiniot Branch (0751), RO Sargodha	20
12	NBP Satellite Town Branch (0750), RO Sargodha	20
13	NBP Shahkot Branch (0534), RO Sheikhupura	20
14	NBP Chak Jhumra Branch (0516) RO Faisalabad	20
15	NBP Small Industrial Estate branch (1955) Faisalabad	20
16	NBP Chak No. 202/RB Gatti Branch, RO Faisalabad	20
17	NBP Narwala Bangla Branch, RO Faisalabad	20
18	NBP Chak No.192/GB, Muridwala branch (1745) RO Faisalabad	12.5
19	NBP Ghagh Chowk Branch, RO Sargodha	12.5
20	NBP Chak No.46-SB Branch, RO Sargodha	12.5
21	NBP Chak No.36-SB Branch, RO Sargodha	12.5
22	NBP Midh Ranjha Branch, RO Sargodha	12.5
23	NBP Muazzamabad Branch, RO Sargodha	12.5
24	NBP Jhabran Mandi Branch, RO Sheikhupura	12.5
25	NBP Sharakpur Branch, RO Sheikhupura	12.5



26	NBP Dharema Branch, RO Sargodha	12.5
27	NBP 49-Tail Branch, RO Sargodha	12.5
28	NBP Bhera Branch, RO Sargodha	12.5
29	NBP Mitro Branch, RO Vehari	12.5
30	NBP Chak No.254 Branch, RO Jhang	12.5
31	NBP Isa Khel Branch, RO Mianwali	12.5
32	NBP Harrar Branch, RO Sialkot	12.5
33	NBP Chak No. 73/JB Adda Thikriwala Branch, RO Faisalabad	12.5
34	NBP Kingra Branch, RO Sialkot	12.5
35	NBP Basirpur branch (0310) RO Sahiwal	5.5
36	NBP Chak No.541/GB Kanjwani branch (1793) RO Faisalabad	5.5

Lot No.	Item	Quantity	Delivery schedule (shipment) in weeks / months
1-N	200 KVA	1	4-8 weeks
2-N	125 KVA	1	4-8 weeks
3-N	100 KVA	1	4-8 weeks
5-N	30 KVA	1	4-8 weeks
6-N	20 KVA	13	4-8 weeks
7-N	12.5 KVA	17	4-8 weeks
9-N	5.5 KVA	2	4-8 weeks
3-C	100 KVA	2	4-8 weeks
4-C	50 KVA	5	4-8 weeks
5-C	30 KVA	1	4-8 weeks
6-C	20 KVA	12	4-8 weeks
7-C	12.5 KVA	14	4-8 weeks
8-C	10 KVA	3	4-8 weeks
9-C	5.5 KVA	7	4-8 weeks



**SECTION VI: STANDARD FORMS**

**STANDARD FORMS FOR**  
**(Single stage two Envelope Procedure)**



## Table of Forms

**Letter of Bid - Technical Proposal**

**Letter of Bid - Financial Proposal**

**Bidder Information Form**

**Form of Bid Security**

**Form of Bid Security (Bid Bond)**

**Manufacturer's Authorization Form**



## Letter of Bid – Technical Proposal (To be prepared on letter head)

**Date of this Bid submission:** 6<sup>th</sup> December, 2022 (11:00 AM)

**RFP No.** ———— (insert number of bidding process/lot number)

**Request for Bid No.:**

**To: National Bank of Pakistan**

We, the undersigned Bidder, hereby submit our Bid, in two parts, namely:

- (a) the Technical Proposal, and
- (b) the Financial Proposal

In submitting our Bid we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of Interest
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Agency based on execution of a Bid Securing Declaration or Proposal Securing Declaration in the Procuring Agency's country in accordance with ITB 4;  
**Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements  
**Bid Validity Period:** Our Bid shall be valid for the period specified in BDS ———(as amended, if applicable) from the date fixed for the Bid submission deadline specified in BDS ——— (as amended, if applicable), and it shall remain binding upon us, and may be accepted at any time before the expiration of that period;
- (d) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (e) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other bid(s) as a Joint Venture member or as a subcontractor.
- (f) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Agency. Further, we are not ineligible under Pakistan laws;
- (g) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ];*
- (h) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;  
**Not Bound to Accept:** We understand that you are not bound to accept the the Most Advantageous Bid or any other Bid that you may receive; and
- (i) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud and Corruption.



**Name of the Bidder:** \*[insert complete name of Bidder]

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* [insert complete name of person duly authorized to sign the Bid]

**Title of the person signing the Bid:** [insert complete title of the person signing the Bid]

**Signature of the person named above:** [insert signature of person whose name and capacity are shown above]

**Date signed** [insert date of signing] **day of** [insert month], [insert year]

\*\* : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

{Fill this form for each technical proposal of each separate lot}

**LOT NO (mention lot number) - SUPPLY & INSTALLATION OF (mention quantity of DG sets) (mention rating of DG set) KVA (PRIME) DIESEL & PETROL GENERATOR (D.G) SETS WITH ATS PANEL, M.S CANOPY & REQUISITE CABLING WORKS ETC.**

**DETAILS OF OFFERED DIESEL & PETROL GENERATOR SETS**

(To be Filled –In by the Bidder)

Brand : \_\_\_\_\_

Model No. : \_\_\_\_\_

Offered Generator Manufactured /Assembled : \_\_\_\_\_

Country : \_\_\_\_\_

Capacity (KW/KVA) : \_\_\_\_\_

Name of Principal /Manufacturer : \_\_\_\_\_

No. of Years bidder Associated with Principal : \_\_\_\_\_

Web Address / Link of  
Manufacturer Site displaying offered DG Set : \_\_\_\_\_

Engine Brand& Model No. : \_\_\_\_\_

Alternator Brand & Model No. : \_\_\_\_\_

## Letter of Bid - Financial Proposal (Prepare on letter head)

**Date of this Bid submission:**

**No.:** *[insert number of bidding process/lot number]*

**Name of Project:**

**To: National Bank of Pakistan**

We, the undersigned Bidder, hereby submit the second part of our Bid, the Financial Proposal

In submitting our Financial Proposal we make the following additional declarations:

- (a) **Bid Validity Period:** Our Bid shall be valid for the period specified in ——— (as amended, if applicable) from the date fixed for the bid submission deadline specified in BDS ——— (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) The total price of the Bid is *[insert the total price of the bid in words and figures]*
- (c) **Discounts (if applicable):** The discounts offered and the methodology for their application are:
  - (i) The discounts offered are: *[Specify in detail each discount offered]*

The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts];*

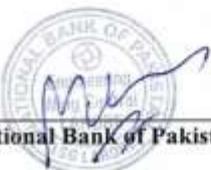
- (d) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed.

Breakdown of prices for each lot is as follows:

**LOT 1-N - SUPPLY & INSTALLATION OF ONE (1) 200 KVA (PRIME) DIESEL GENERATOR (D.G.) SETS.**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 200KVA / 160KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria  A-level tool kit and 02 set of consumables like air, fuel & oil filters etc.  The delivery should be at site i/c loading / unloading and all applicable taxes.	01 Job		
	<b>TOTAL</b>	<b>BOQ-I:</b>		

  
For National Bank of Pakistan

For Bidder

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 200 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria	01 No.		
2.	Installation, testing & commissioning of 200 KVA diesel generator set at full load with ATS panel along with construction of RCC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (45-50) M (App.) away from generator. Lube & diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	01 Job		
3.	Providing and fixing weather & sound attenuated proof canopy for 200 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	01 No.		



For National Bank of Pakistan

For Bidder



S.NO.	DESCRIPTION	QTY.	RATE/UNIT	AMOUNT
4.	Supply & laying of 4"dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	45 M		
5.	Supply & laying of 185mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	50 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	01 Job.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ-I Rs. \_\_\_\_\_
2. BOQ-II Rs. \_\_\_\_\_
- Total Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_)

**NOTE:-** Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

  
 For National Bank of Pakistan

\_\_\_\_\_  
For Bidder

**NOTE:-** Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

**LOT 2-N - SUPPLY & INSTALLATION OF ONE (1) 125 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

**BILL OF QUANTITIES-I**

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Supply of standard & latest model brand new 125 KVA / 100 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria.  A-level tool kit and 02 set of consumables like air, fuel & oil filters etc.  The delivery should be at site i/c loading / unloading and all applicable taxes.	01 Job		
	<b>TOTAL</b>	<b>BOQ-I:</b>		

For National Bank of Pakistan

For Bidder



**BILL OF QUANTITIES-II**

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 125 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria	01 No.		
2.	Installation, testing & commissioning of 125 KVA diesel generator set at full load with ATS panel along with construction of RCC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (110-115) M (App.) away from generator. Lube & diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	01 Job		
3.	Providing and fixing weather & sound attenuated proof canopy for 125 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	01 No.		

For National Bank of Pakistan

For Bidder

S.NO.	DESCRIPTION	QTY.	RATE/UNIT	AMOUNT
4.	Supply & laying of 3”dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	110 M		
5.	Supply & laying of 95mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	115 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	01 Job.		
7.	Supply & installation of 5” dia 16 SWG M.S pipe with bends, clumps / saddles and rawal plugs for the extension of the D.G set exhaust.	100 M		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1.	BOQ-I	Rs. _____
2.	BOQ-II	Rs. _____
	<b>Total</b>	<b>Rs. _____</b>

(Rupees \_\_\_\_\_)

**NOTE:- Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.**

For National Bank of Pakistan

For Bidder



**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

**LOT 3-N - SUPPLY & INSTALLATION OF ONE (1) 100 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 100 KVA / 80 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/c loading / unloading and all applicable taxes.	01 Job		
	<b>TOTAL</b>	<b>BOQ-I:</b>		

**BILL OF QUANTITIES-II**

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 100 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria	01 No.		
2.	Installation, testing & commissioning of 100 KVA diesel generator set at full load with ATS panel along with construction of RCC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (65-70) M (App.) away from generator. Lube & diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	01 Jobs		
3.	Providing and fixing weather & sound attenuated proof canopy for 100 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	01 No.		

S.NO.	DESCRIPTION	QTY.	RATE/UNIT	AMOUNT
4.	Supply & laying of 3" dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	65 M		
5.	Supply & laying of 95mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	70 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	01 Jobs.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ-I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

Total Rs. \_\_\_\_\_

(Rupees) \_\_\_\_\_

**NOTE:-** Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* day of *[insert month]*, *[insert year]*

**LOT 5-N - SUPPLY & INSTALLATION OF ONE (1) 30 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 30KVA / 24 KW (Prime) Diesel & Petrol generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria. A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/e. loading / unloading and all applicable taxes.	01 Job		
<b>Total BOQ – I</b>				

**BILL OF QUANTITIES II**

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 30KVA Diesel & Petrol Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria	01 No.		
2.	Installation, testing & commissioning of 30 KVA Diesel & Petrol generator set at full load with ATS panel along with construction of RCC foundation as per manufacturer’s requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (35-40) M (App.) away from generator. Lube & Diesel & Petrol oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for Diesel & Petrol generator set given in BOQ-I.	01 Job		
3.	Providing and fixing weather & sound attenuated proof canopy for 30KVA Diesel & Petrol generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	01 No.		

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
4.	Supply & laying of 2"dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	35 M		
5.	Supply & laying of 35mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	40 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	01 Job.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ -I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

Total Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_)

**NOTE:-** Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

**LOT 6-N - SUPPLY & INSTALLATION OF THIRTEEN (13) 20 KVA (PRIME) DIESEL GENERATOR SETS**

**BOQ – I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 20KVA / 16 KW (Prime) Diesel & Petrol generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria.  A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/e. loading / unloading and all applicable taxes.			
		13 Job		
	<b>TOTAL BOQ-I</b>			

**BOQ – II**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	<p>Providing, fixing, testing &amp; commissioning Auto Transfer switch (ATS / AMF) Panel for 20 KVA Diesel &amp; Petrol Generator set (Prime) made with appropriate size angle iron frame &amp; 16 SWG M.S Sheet, handle lock, cable glands etc. and fully equipped with electrical component like magnetic contactors, relays (i/c phase reversal) timers, MCCB's, MCBs, Auto Battery Charger and other controls etc. All components should be made of Terasaki / Fuji (Japan) / Siemens (Germany) / National (Japan) ABB, Schneider or equivalent. The ATS / AMF panels should be four pole with full Auto/Manual control and suitable for single Wapda incoming supply. The ATS panel should also equipped with manual over ride (MOR) / by pass system. A comprehensive submittal containing &amp; showing single line diagram, general arrangement of components &amp; detail specifications &amp; quantity of components etc. must provided alongwith tender by the bidder.</p>	13 No.		
2.	<p>Installation, testing &amp; commissioning of 20 KVA Diesel &amp; Petrol generator set at full load with ATS panel alongwith construction of RCC foundation as per manufacturer's requirement, specifications &amp; design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (25-30) M (App.) away from generator. Lube &amp; Diesel &amp; Petrol oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral &amp; body) suitable for Diesel &amp; Petrol generator set given in BOQ-I.</p>	13 Job		

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
3.	Providing and fixing weather & sound proof canopy for 20 KVA Diesel & Petrol generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	13 No.		
4.	Supply & laying of 2" dia Popular / Beta brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	585 M		
5.	Supply & laying of 16 mmsq. 4 Core PVC-PVC insulated copper cable (Newage, Fast or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	650 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	13 Job.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ -I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

Total Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_)

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

**LOT 7-N - SUPPLY & INSTALLATION OF SEVENTEEN (17) 12.5 KVA (PRIME) DIESEL GENERATOR SETS**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 12.5 KVA / 10 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria  A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/c loading / unloading and all applicable taxes.			
	<b>TOTAL</b>			

17 Nos.

**BOQ-I:**

**BILL OF QUANTITIES-II**

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel with MOR for 12.5 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria.	17 Nos.		
2.	Installation, testing & commissioning of 12.5KVA diesel generators set at full load with ATS panel along with construction of RCC/RBC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (25-30) M (app.) away from generator. Lube/Mobil& diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard independent earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	17 Jobs.		
3.	Providing and fixing weather & sound attenuated/proof canopy for 12.5 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should be as per specification given in Evaluation Criteria not exceed 72 db. The canopy should also equip with necessary doors for easy inspection / repairs & ventilation, cable glands etc. complete in all respect.	17 Nos.		



S.NO.	DESCRIPTION	QTY.	RATE/UNIT	AMOUNT
4.	Supply & laying of 2"dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rowel plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects (Quantity will pay at actual laid at each site acknowledged in delivery challan OR physically checked at each site but total should remain with-in BOQ quantity for all DG Sets).	850 M		
5.	Supply & laying of 16mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects (Quantity will pay at actual laid at each site acknowledged in delivery challan OR physically checked at each site but total should remain with-in BOQ quantity for all DG Sets).	850 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	17 Jobs.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ-I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

Total Bid Amount (BOQ-I + BOQ-II) Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_)

**LOT 9-N - SUPPLY & INSTALLATION OF TWO (2) 5.5 KVA PETROL GENERATOR SETS**

DESCRIPTIONS	Qty	UNIT	RATE	AMOUNT
<p>Supply and fixing of 5.5 KVA HONDA/YAMAHA including transportation, taxes with following description of Honda/Yamaha Generator.</p> <p>Max Power :- 5.5 KVA                      Rated Power :- 5 KVA                      Fuel Tank Capacity:- 24 Liters                      Ignition Type :- Electrical /Self start                      Configuration :- 230 Volts, Single Phase                      Standard Features :- Digital AVR System                      Volt Meter                      Fuel Gauge                      Low oil Level Protection                      Circuit Breaker Protector                      Vendor will also provide these essentials of accessories &amp; cost should inclusive in quoted rates. 1st fill of Engine oil 4.5 liters petrol for testing                      Dual element air filters                      Essential accessories like battery                      Installation with MCO                      Power cable 7/44 upto 40 feet                      Tool kit</p>	2	Each		
	<b>TOTAL AMOUNT</b>			

**FOR NATIONAL BANK OF PAKISTAN**

**CONTRACTOR/FIRM**

**(Rupees** \_\_\_\_\_

**NOTE:-** Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

**LOT 3-C - SUPPLY & INSTALLATION OF TWO (2) 100 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**  
**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 100 KVA / 80 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/c loading / unloading and all applicable taxes.	02 Jobs		
	<b>TOTAL</b>	<b>BOQ-I:</b>		

**BILL OF QUANTITIES-II**

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 100 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria	02 No.		
2.	Installation, testing & commissioning of 100 KVA diesel generator set at full load with ATS panel along with construction of RCC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (65-70) M (App.) away from generator. Lube & diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	02 Jobs		
3.	Providing and fixing weather & sound attenuated proof canopy for 100 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	02 No.		

S.NO.	DESCRIPTION	QTY.	RATE/UNIT	AMOUNT
4.	Supply & laying of 3" dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	130 M		
5.	Supply & laying of 95mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	140 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	02 Jobs.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ-I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

Total Rs. \_\_\_\_\_

(Rupees) \_\_\_\_\_

**NOTE:-** Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

**LOT 4-C - SUPPLY & INSTALLATION OF FIVE (5) 50 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 50KVA / 40 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria  A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/c loading / unloading and all applicable taxes.	05 Nos.		
	<b>TOTAL</b>	<b>BOQ-I:</b>		

**BILL OF QUANTITIES-II**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel with MOR for 50 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria.	05 Nos.		
2.	Installation, testing & commissioning of 50 KVA diesel generators set at full load with ATS panel along with construction of RCC/RBC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (35-40) M (app.) away from generator. Lube/Mobil& diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard independent earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	05 Jobs.		
3.	Providing and fixing weather & sound attenuated/proof canopy for 50 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should be as per specification given in Evaluation Criteria not exceed 80 db. The canopy should also equip with necessary doors for easy inspection / repairs & ventilation, cable glands etc. complete in all respect.	05 Nos.		



S.NO.	DESCRIPTION	QTY.	RATE/UNIT	AMOUNT
4.	Supply & laying of 2" dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rowel plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects (Quantity will pay at actual laid at each site acknowledged in delivery challan OR physically checked at each site but total should remain with-in BOQ quantity for all DG Sets).	175 M		
5.	Supply & laying of 50 mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects (Quantity will pay at actual laid at each site acknowledged in delivery challan OR physically checked at each site but total should remain with-in BOQ quantity for all DG Sets).	175 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	5 Jobs.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1.	BOQ-I	Rs. _____
2.	BOQ-II	Rs. _____
<b>Total</b>	<b>Bid Amount (BOQ-I + BOQ-II)</b>	<b>Rs. _____</b>

(Rupees \_\_\_\_\_)

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

**LOT 5-C - SUPPLY & INSTALLATION OF ONE (1) 30 KVA (PRIME) DIESEL GENERATOR (D.G) SETS**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 30KVA / 24 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria. A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/e. loading / unloading and all applicable taxes.	01 Job		

**Total BOQ – I**

**BILL OF QUANTITIES II**

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 30KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria	01 No.		
2.	Installation, testing & commissioning of 30 KVA diesel generator set at full load with ATS panel along with construction of RCC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (35-40) M (App.) away from generator. Lube & diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	01 Job		
3.	Providing and fixing weather & sound attenuated proof canopy for 30KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	01 No.		

<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
4.	Supply & laying of 2"dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	35 M		
5.	Supply & laying of 35mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	40 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	01 Job.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ -I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

Total Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_)

NOTE:- Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

**Name of the Bidder:** \**[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\* *[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**Signature of the person named above:** *[insert signature of person whose name and capacity are shown above]*

**Date signed** *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

**LOT 6-C - SUPPLY & INSTALLATION OF TWELVE (12) 20 KVA (PRIME) DIESEL GENERATOR SETS**

**BOQ – I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 20KVA / 16 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria.  A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/e. loading / unloading and all applicable taxes.	12 Job		
	<b>TOTAL BOQ-I</b>			

**BOQ – II**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 20 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. and fully equipped with electrical component like magnetic contactors, relays (i/c phase reversal) timers, MCCB's, MCBs, Auto Battery Charger and other controls etc. All components should be made of Terasaki / Fuji (Japan) / Siemens (Germany) / National (Japan) ABB, Schneider or equivalent. The ATS / AMF panels should be four pole with full Auto/Manual control and suitable for single Wapda incoming supply. The ATS panel should also equipped with manual over ride (MOR) / by pass system. A comprehensive submittal containing & showing single line diagram, general arrangement of components & detail specifications & quantity of components etc. must provided alongwith tender by the bidder.	12 No.		
2.	Installation, testing & commissioning of 20 KVA diesel generator set at full load with ATS panel alongwith construction of RCC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (25-30) M (App.) away from generator. Lube & diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	12 Job		



<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
3.	Providing and fixing weather & sound proof canopy for 20 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 85 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	12 No.		
4.	Supply & laying of 2" dia Popular / Beta brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	540 M		
5.	Supply & laying of 16 mmsq. 4 Core PVC-PVC insulated copper cable (Newage, Fast or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	600 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	12 Job.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ -I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

Total Rs. \_\_\_\_\_

(Rupees \_\_\_\_\_)

Name of the Bidder: \**[insert complete name of the Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: \*\* *[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* day of *[insert month]*, *[insert year]*

**LOT 7-C - SUPPLY & INSTALLATION OF FOURTEEN (14) 12.5 KVA (PRIME) DIESEL GENERATOR SETS**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 12.5 KVA / 10 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria  A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/c loading / unloading and all applicable taxes.	14 Nos.		
	<b>TOTAL</b>	<b>BOQ-I:</b>		

**BILL OF QUANTITIES-II**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel with MOR for 12.5 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria.	14 Nos.		
2.	Installation, testing & commissioning of 12.5KVA diesel generators set at full load with ATS panel along with construction of RCC/RBC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (25-30) M (app.) away from generator. Lube/Mobil& diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard independent earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	14 Jobs.		
3.	Providing and fixing weather & sound attenuated/proof canopy for 12.5 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should be as per specification given in Evaluation Criteria not exceed 72 db. The canopy should also equip with necessary doors for easy inspection / repairs & ventilation, cable glands etc. complete in all respect.	14 Nos.		

S.NO.	DESCRIPTION	QTY.	RATE/UNIT	AMOUNT
4.	Supply & laying of 2"dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rowel plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects (Quantity will pay at actual laid at each site acknowledged in delivery challan OR physically checked at each site but total should remain with-in BOQ quantity for all DG Sets).	700 M		
5.	Supply & laying of 16mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects (Quantity will pay at actual laid at each site acknowledged in delivery challan OR physically checked at each site but total should remain with-in BOQ quantity for all DG Sets).	700 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	14 Jobs.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1.	BOQ-I	Rs. _____
2.	BOQ-II	Rs. _____
<b>Total</b>	<b>Bid Amount (BOQ-I + BOQ-II)</b>	<b>Rs. _____</b>

(Rupees \_\_\_\_\_)

**LOT 8-C - SUPPLY & INSTALLATION OF THREE (3) 10 KVA (PRIME) DIESEL GENERATOR SETS**

**BILL OF QUANTITIES-I**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Supply of standard & latest model brand new 10KVA / 8 KW (Prime) diesel generator set at site of reputed manufacturers / assemblers as per specification given in Evaluation Criteria. A-level tool kit and 02 set of consumables like air, fuel & oil filters etc. The delivery should be at site i/e. loading / unloading and all applicable taxes.			

**TOTAL** 03 Job

**BOQ-I:**

**BILL OF QUANTITIES-II**

<b><u>S.NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QTY.</u></b>	<b><u>RATE/UNIT</u></b>	<b><u>AMOUNT</u></b>
1.	Providing, fixing, testing & commissioning Auto Transfer switch (ATS / AMF) Panel for 10 KVA Diesel Generator set (Prime) made with appropriate size angle iron frame & 16 SWG M.S Sheet, handle lock, cable glands etc. as per specification given in Evaluation Criteria	03 No.		
2.	Installation, testing & commissioning of 10 KVA diesel generator set at full load with ATS panel along with construction of RCC foundation as per manufacturer's requirement, specifications & design etc. i/c cost of control cable, PVC conduit complete in all respects. The ATS panel will be installed (25-30) M (App.) away from generator. Lube & diesel oil, water coolant and any other material required for initial test run duration for 4 hours should be provided by the contractor. The job shall also include supply, making and testing standard earth systems (i.e Neutral & body) suitable for diesel generator set given in BOQ-I.	03 Job		
3.	Providing and fixing weather & sound attenuated proof canopy for 10 KVA diesel generator set made with appropriate size M.S. angle iron frame & sheet and foundation pad duly painted of approved color. The canopy sound level should not exceed 72 db. and with necessary doors for inspection / repairs, cable glands etc. complete in all respect.	03 No.		



<u>S.NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>RATE/UNIT</u>	<u>AMOUNT</u>
4.	Supply & laying of 2”dia Popular / Beta or equivalent brand PVC conduit with bends, sockets, clamps / saddles, rawal plugs i/c cost of excavation & re-filling with material after burring PVC conduit (if essential) complete in all respects.	75 M		
5.	Supply & laying of 10 mmsq. 4 Core PVC-PVC insulated copper cable (Newage, AGE, Fast, Pakistan, Pioneer or equivalent brand) in pre laid PVC conduit complete with cable lugs with each cable and relevant material in all respects.	75 M		
6.	Load management from already installed D.B as per generator capacity to ensure trouble free operation of D.G set.	03 Jobs.		

**TOTAL BOQ-II:**

**SUMMARY OF TENDER AMOUNT**

1. BOQ-I Rs. \_\_\_\_\_

2. BOQ-II Rs. \_\_\_\_\_

**Total** Rs. \_\_\_\_\_

**(Rupees** \_\_\_\_\_

**NOTE:-** Generator shall be supplied & commissioned within four weeks positively from the date of execution of agreement with successful bidder.

## Bidder Information Form

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date: *[insert date (as day, month and year) of Bid submission]*

No.: *[insert number of Bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. In case of JV, legal name of each member : <i>JV not permitted</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 3.4. <input type="checkbox"/> Establishing that the Bidder is not under the supervision of the Procuring Agency
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.



## Form of Bid Security (Bank Guarantee)

*[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[National Bank of Pakistan]*

**No.:** *[Purchaser to insert reference number for the Request for Bids]*

**Date:** *[Insert date of issue]*

**BID GUARANTEE No.:** *[Insert guarantee reference number]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that \_\_\_\_\_ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of \_\_\_\_\_ under Request for Bids No. \_\_\_\_\_ ("the RFB").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_

(\_\_\_\_\_) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Applicant's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Applicant, (i) has failed to sign the contract agreement, or (ii) has failed to furnish the performance security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

*[Signature(s)]*

**Note: All italicized text is for use in preparing this form and shall be deleted from the final product**

## Form of Bid-Securing Declaration

[The Bidder shall fill in this Form in accordance with the instructions indicated.]

Date: [date (as day, month and year)]

No.: [number of Bidding process]

Alternative No.: [insert identification No if this is a Bid for an alternative]

To: [complete name of Procuring Agency]

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid- Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

- (a) have withdrawn our Bid during the period of Bid validity specified in the Letter of Bid; or
- (b) having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid validity, (i) fail or refuse to sign the Contract; or (ii) fail or refuse to furnish the Performance Security (or guarantee), if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder\* \_\_\_\_\_

Name of the person duly authorized to sign the Bid on behalf of the Bidder\*\* \_\_\_\_\_

Title of the person signing the Bid \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_

\*\* : Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid



## Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the **BDS.**]*

Date: *[insert date (as day, month and year) of Bid submission]*

No.: *[insert number of Bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Procuring Agency]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on \_\_\_\_ day of \_\_, \_\_\_\_ *[insert date of signing]*



## SECTION-VII: GENERAL CONDITIONS OF CONTRACT



## GENERAL CONDITIONS OF CONTRACT (GCC)

<b>1. Definitions</b>	<p>1. In this Contract, the following terms shall be interpreted as indicated:</p> <ul style="list-style-type: none"><li>a) "Authority" means Public Procurement Regulatory Authority.</li><li>b) The "Arbitrator" is the person appointed with mutual consent of both the parties, to resolve contractual disputes as provided for in the General Conditions of the Contract GCC Clause 31 hereunder.</li><li>c) "The Contract" means the agreement entered into between the National Bank of Pakistan and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.</li><li>d) The "Commencement Date" is the date when the Supplier shall commence execution of the contract as specified in the SCC</li><li>e) "Completion" means the fulfillment of the related services by the Supplier in accordance with the terms and conditions set forth in the contract.</li><li>f) "Country of Origin" means the countries and territories eligible under the PPRA Rules 2004 and its corresponding Regulations as further elaborated in the SCC.</li><li>g) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.</li><li>h) "Defective Goods" are those goods which are below standards, requirements or specifications stated by the Contract.</li><li>i) "Delivery" means the transfer of the goods from the supplier equipment, machinery, and /or other materials which the Supplier is required to supply to the National Bank of Pakistan under Contract.</li><li>j) "Effective Contract date" is the date shown in the Certificate of Contract Commencement issued by the National Bank of Pakistan upon fulfillment of the conditions precedent stipulated in GCC Clause 3.</li><li>k) "National Bank of Pakistan" means the person named as National Bank of Pakistan in the SCC and the legal successors in title to this person, procuring the Goods and related service, as named in SCC.</li><li>l) "Related Services" means those services ancillary to the delivery of the Goods, such as transportation anti insurance, and any other incidental services, such as installation commissioning, provision of technical assistance, training, initial maintenance and other such obligations of the Supplier covered under the Contract.</li><li>m) "GCC" means the General Conditions of Contract contained in this section.</li><li>n) "Intended Delivery Date" is the date on which it is intended that the Supplier shall effect deliver as specified in the SCC.</li><li>o) "SCC" means the Special Conditions of Contract.</li><li>p) "Supplier" means the individual private or government entity or a combination of the above whose Bid to perform the contract has been accepted by the National Bank of Pakistan and is named as such in the Contract Agreement, and includes the legal successors</li></ul>
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	<p>or permitted assigns of the supplier and shall be named in the SCC.</p> <p>q) "Project Name" means the name of the project stated in SCC.</p> <p>r) "Day" means calendar day.</p> <p>s) "Eligible Country" means the countries and territories eligible for participation in accordance with the policies of the Federal Government.</p> <p>t) "End User" means the organization(s) where the goods will be used as named in the SCC.</p> <p>u) "Origin" means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics in purpose or utility from its components.</p> <p>v) "Force Majeure" means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances. For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party which makes a party's performance of its obligations hereunder impossible: or so impractical as reasonably to be considered impossible in the circumstances. and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation ' or any other action by Government agencies.</p> <p>w) "Origin" means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics in purpose or utility from its components.</p> <p>x) The Supplier's Bid is the completed Bid document submitted by the Supplier to the National Bank of Pakistan.</p>
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<p><b>2. Application and interpretation</b></p>	<p>2.1. These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.</p> <p>2.2. The documents forming the Contract shall be interpreted in the following order of priority:</p> <ol style="list-style-type: none"> <li>1)Form of Contract,</li> <li>2)Special Conditions of Contract,</li> <li>3)General Conditions of Contract,</li> <li>4)Letter of Acceptance,</li> <li>5)Certificate of Contract Commencement</li> <li>6)Specifications</li> <li>7)Contractor's Bid,</li> <li>8)Any other document listed in the Special Conditions of Contract as forming part of the Contract.</li> </ol>
<p><b>3. Conditions Precedent</b></p> <p><b>4. Governing Language</b></p> <p><b>5. Applicable Law</b></p> <p><b>6. Country of Origin</b></p>	<p>3.1. Having signed the Contract, it shall come into effect on the date on which the following conditions have been satisfied:-</p> <ol style="list-style-type: none"> <li>a) Submission of performance Security (or guarantee in the form specified in the SCC;</li> </ol> <p>4.1. The Contract as all correspondence and documents relating to the contract exchanged by the Supplier and the National Bank of Pakistan shall be written in the language specified in SCC.</p> <p>5.1. The contract shall be governed and interpreted in accordance with the laws of Pakistan.</p> <p>6.1. The origin of Goods and Services may be distinct from the nationality of the Supplier</p>
<p><b>7. Standards</b></p>	<p>7.1. Supplies under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, the American Standards (such as ACI, IEEE, ASME, etc.) or the Pakistani standards such as PSQCA Such standards shall be the latest issued by the concerned institution.</p>



<p><b>8. Use of Contract Documents and Information; Inspection and Audit by the National Bank of Pakistan.</b></p>	<p>8.1. The Supplier shall not, without the National Bank of Pakistan’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the National Bank of Pakistan in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.</p> <p>8.2. The Supplier shall not, without the National Bank of Pakistan’s prior written consent, make use of any document or information enumerated in GCC Clause 7.1 except for purposes of executing the Contract.</p> <p>8.3. Any document, other than the Contract itself, enumerated in GCC Clause 7.1 shall remain the property of the National Bank of Pakistan and shall be returned (all copies) to the National Bank of Pakistan on completion of the Supplier’s performance under the Contract, if so required by the National Bank of Pakistan.</p> <p>8.4. The Supplier shall permit National Bank of Pakistan to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the National Bank of Pakistan if so required.</p>
<p><b>9. Patent and Copy Rights</b></p>	<p>9.1. The Supplier shall indemnify the National Bank of Pakistan against all third party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in Pakistan.</p>
<p><b>10. Performance Guarantee</b></p>	<p>10.1. The Performance Security (or Guarantee) shall be provided to the National Bank of Pakistan no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the National Bank of Pakistan, and denominated in the types proportions of the currencies in which the Contract Price is payable as specified in the SCC.</p> <p>10.2. The proceeds of the Performance Guarantee shall be payable to the National Bank of Pakistan as compensation for any loss resulting from the Supplier’s failure to complete its obligations under the Contract.</p> <p>10.3. The performance guarantee shall be in one of the following forms:                  (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the National Bank of Pakistan’s country, in the form provided in the Bidding documents or another form acceptable to the National Bank of Pakistan; or</p> <p>10.4. The performance guarantee will be discharged by National Bank of Pakistan and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier’s performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.</p>



<p><b>11. Inspections and Tests</b></p>	<p>11.1. The National Bank of Pakistan or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the contract specifications at no extra cost to the National Bank of Pakistan. SCC and the technical specifications shall specify what inspections and tests the National Bank of Pakistan requires and where they are to be conducted. The National Bank of Pakistan shall notify the supplier in writing, in a timely manner, of the identity of any representatives nominated for these purposes.</p> <p>11.2. The inspections and tests may be conducted on the premises of the supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s) (if so allowed by the National Bank of Pakistan), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the National Bank of Pakistan.</p> <p>11.3. Should any inspected or tested Goods fail to conform to the Specifications, the National Bank of Pakistan may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the National Bank of Pakistan.</p> <p>11.4. The National Bank of Pakistan's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the National Bank of Pakistan's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the National Bank of Pakistan or its representative prior to the Goods' shipment from the country of origin.</p> <p>11.5. Nothing in GCC Clause 10, shall in any way release the Supplier from any warranty or other obligations under this Contract.</p>
<p><b>12. Packing</b></p>	<p>12.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.</p> <p>12.2. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the National Bank of Pakistan.</p>



<b>13. Delivery and Documents</b>	<p>13.1. Delivery of the Goods shall be made by the supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.</p> <p>13.2. Documents to be submitted by the Supplier are specified in SCC.</p>
<b>14. Transportation</b>	<p>14.1. The Supplier is required under the Contract to transport the Goods to a specified place of destination indicated by National Bank of Pakistan.</p>
<b>15. Spare Parts</b>	<p>15.1. As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to parts manufactured or distributed by the Supplier:</p> <ul style="list-style-type: none"><li>(a) such parts as the National Bank of Pakistan may choose to purchase from the Supplier, provided that this choice shall not relieve the Supplier of any warranty obligations under the Contract; and</li><li>(b) in the event of termination of production of the parts:<ul style="list-style-type: none"><li>(i) advance notification to the National Bank of Pakistan of the pending termination, in sufficient time to permit the National Bank of Pakistan to procure needed requirements; and</li><li>(ii) following such termination, furnishing at no cost to the National Bank of Pakistan, the blueprints, drawings, and specifications of the spare parts, if requested.</li></ul></li></ul>



<p><b>16. Warranty/ Defect Liability Period</b></p>	<p>16.1. Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models selected by the National Bank of Pakistan, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the National Bank of Pakistan's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in Pakistan.</p> <p>16.2. This warranty shall remain valid for 1 year after the goods have been delivered and accepted by National Bank of Pakistan.</p> <p>16.3. The National Bank of Pakistan shall promptly notify the Supplier in writing or in electronic forms that provide record of the content of communication of any claims arising under this warranty.</p> <p>16.4. Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the National Bank of Pakistan.</p> <p>16.5. If the Supplier, having been notified, fails to rectify the defect(s) within the period specified in SCC, within a reasonable period, the National Bank of Pakistan may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the National Bank of Pakistan may have against the Supplier under the Contract.</p>
<p><b>17. Payment</b></p>	<p>17.1. The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.</p> <p>17.2. The Supplier's request(s) for payment shall be made to the National Bank of Pakistan in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 13, and upon fulfillment of other obligations stipulated in the Contract.</p> <p>17.3. Payments shall be made promptly by the National Bank of Pakistan, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier.</p> <p>17.4. The currency of payment is Pak Rupee.</p>
<p><b>18. Prices</b></p>	<p>18.1. The contract price shall be as specified in the Contract Agreement.</p> <p>18.2. Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid.</p>



<p><b>19. Change Orders</b></p>	<p>19.1. The National Bank of Pakistan may at any time, by a written order given to the Supplier, make changes within the general scope of the Contract, only if required for the successful completion of the job, in any one or more of the following:</p> <p style="padding-left: 40px;">(a) the place of delivery; and/or                  (b) Delivery schedule                  (c) the Services to be provided by the Supplier.</p>
<p><b>20. Contract Amendments</b></p>	<p>20.1. No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.</p>
<p><b>21. Assignment</b></p>	<p>21.1. Neither the National Bank of Pakistan nor the Supplier shall assign the whole or part, obligation under contract, except with the prior written consent of other party.</p>
<p><b>22. Sub-contracts</b></p>	<p>22.1. Subcontracting under this contract is not permitted.</p>
<p><b>23. Delays in the Supplier's Performance</b></p>	<p>23.1. Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the National Bank of Pakistan in the Schedule of Requirements-</p> <p>23.2. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the National Bank of Pakistan in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the National Bank of Pakistan shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.</p>



<p><b>25. Termination for Default</b></p>	<p>25.1. The National Bank of Pakistan, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the concerned party may terminate this Contract if the other party causes a fundamental breach of the contract.</p> <p>25.2. Fundamental breaches of Contract shall include, but shall not be limited to the following;</p> <ul style="list-style-type: none"> <li>a) the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the National Bank of Pakistan</li> <li>b) the Supplier fails to perform any other obligation(s) under the Contract;</li> <li>c) Supplier’s failure to submit performance security (or guarantee) within the time stipulated in the SCC; the supplier has abandoned or repudiated the contract.</li> <li>d) the National Bank of Pakistan or the Supplier is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation.</li> <li>e) National Bank of Pakistan gives Notice delivered with a defect is a fundamental breach of Contract and the Supplier fails to correct it within a reasonable period of time determined by the National Bank of Pakistan; and</li> <li>f) If the National Bank of Pakistan determines, based on the reasonable evidence, that the Supplier has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices, in competing for or in executing the Contract</li> </ul> <p>25.3. In the event the National Bank of Pakistan terminates the Contract in whole or in part, the National Bank of Pakistan may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the National Bank of Pakistan for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.</p>
<p><b>26. Termination for Force Majeure</b></p>	<p>26.1. Notwithstanding the provisions of the contract, neither party shall have any liability or be deemed to be in breach of the Contract for any delay nor is other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure.</p> <p>26.2. If a Party (hereinafter referred to as "the Affected Party ") is or will be prevented from performing its substantial obligation under the contract by Force Majeure, it shall give a Notice to the other Party giving full particulars of the event and circumstance of Force Majeure in writing or in electronic forms that provide record of the content of communication of such condition and the cause thereof. Unless otherwise: directed by the National Bank of Pakistan in writing or in electronic forms that provide record of the content of communication, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance , not prevented by the Force Majeure event.</p>



<p><b>27. Termination for Insolvency</b></p>	<p>27.1. The National Bank of Pakistan may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the National Bank of Pakistan.</p>
<p><b>28. Termination for Convenience</b></p>	<p>28.1. The National Bank of Pakistan, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the National Bank of Pakistan's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>28.2. The Goods that are complete and ready for shipment (if applicable) within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the National Bank of Pakistan on the Contract terms and prices. For the remaining Goods, the National Bank of Pakistan may choose:</p> <ul style="list-style-type: none"> <li>(a) to have any portion completed and delivered at the Contract terms and prices; and/or</li> <li>(b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.</li> </ul>
<p><b>29. Resolution of Disputes</b></p>	<p>29.1. In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute, amicably. The parties hereto shall, within twenty-eight (28) days from the notice date, use their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by either party to an arbitrator that shall be appointed by mutual consent of the both parties.</p> <p>29.2. After the dispute has been referred to the arbitrator, within 30 days, or within such other period as may be proposed by the Parties, the Arbitrator shall give its decision. The rendered decision shall be binding to the Parties.</p>
<p><b>30. Procedure for Disputes Resolutions</b></p>	<p>30.1. The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution name and in the place shown in the SCC.</p> <p>30.2. The rate of the Arbitrator's fee and administrative costs of arbitration shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting arbitration to its finality each party shall bear its incurred costs and expenses.</p>
<p><b>31. Replacement of Arbitrator</b></p>	<p>31.1. Should the Arbitrator resign or die, or should the National Bank of Pakistan and the Supplier agree that the Arbitrator is not functioning in accordance with the provisions of the contract; a new Arbitrator shall be appointed by mutual consent of the both parties.</p>





## **SECTION-VIII. SPECIAL CONDITIONS OF CONTRACT (SCC)**

## **SPECIAL CONDITIONS OF CONTRACT (SCC)**

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

### **1. Definitions (GCC Clause 1)**

GCC 1.1 —The Procuring Agency is: National Bank of Pakistan

GCC 1.1 (p)—The Supplier is:

GCC 1.1 (q)—The title of subject procurement is: Supply of Diesel & Petrol Generator Sets

### **2. Governing Language (GCC Clause 4)**

GCC 4.1—The Governing Language shall be: English

### **3. Applicable Law (GCC Clause 5)**

GCC 5.1-The applicable laws shall be Laws of: Pakistan

### **4. Country of Origin (GCC Clause 6)**

GCC 6.1—Country of Origin is .....

### **5. Performance Guarantee (GCC Clause 10)**

GCC 10.1—The amount of Performance Guarantee, as a percentage of the Contract Price, shall be: 10% of the Contract price (excluding taxes, duties)

GCC 10.4—the Performance Guarantee shall be retained for 30 days beyond the delivery period stipulated in the contract.

### **6. Inspections and Tests (GCC Clause 11)**

GCC11.1— National Bank of Pakistan will inspect the deliverables to ascertain the quantity and specification aspects of deliverables and validate the documents / literature provided with Diesel & Petrol Generator Sets.

### **7. Packing (GCC Clause 12)**

GCC 12.2—The following SCC shall supplement GCC Clause 12.2:

The Goods shall be packed properly to withstand rough handling during transit and exposure to extreme temperatures during transit, and storage. Packing case size and weights shall take into account final destination of the Diesel & Petrol Generator Sets.

### **8. Delivery**

Diesel & Petrol Generators are to be delivered within 20 weeks of the signing of the contract. Part payment against part delivery is allowed.

Delivery locations (within Pakistan) will be provided by NBP at the time of delivery.

**9. Documents (GCC Clause 13)**

Upon delivery of the Goods, Supplier shall notify National Bank of Pakistan and mail the following documents to the National Bank of Pakistan:

- i. One original plus four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- ii. Delivery Challan
- iii. Warranty certificate;

The above documents shall be received by National Bank of Pakistan before the delivery of Diesel & Petrol Generators.

**11. Payment (GCC Clause 17)**

Payment for Goods and Services supplied shall be made in Pakistani Rupees, as follows: **On Delivery & Acceptance:** 100% of the delivered stock or Contract Price (as agreed in contract) shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the delivery issued by National Bank of Pakistan. Partial payment against part delivery is allowed.

**12. Prices (GCC Clause 18)**

GCC 18.1.1—Prices shall be fixed and shall not be adjusted.

**13. Liquidated Damages (GCC Clause 25)**

**14. Resolution of Disputes (GCC Clause 29)**

In the case of a dispute between the National Bank of Pakistan and the Supplier, the dispute shall be referred for arbitration in accordance with the Arbitration Act 1940.

1. If any dispute of any kind whatsoever shall arise between the National Bank of Pakistan and the Supplier in connection with or arising out of the Contract, including without prejudice to the generality of foregoing, any question regarding its existence, validity, termination and the execution of the Contract- whether during developing phase or after their completion and whether before or after the termination, abandonment or breach of the Contract - the parties shall seek to resolve any such dispute or difference by mutual diligent negotiations in good faith within 7 (seven) days following a notice sent by one Party to the other Party in this regard.
2. At future of negotiation the dispute shall be resolved through mediation and mediator shall be appointed with the mutual consent of the both parties.
3. At the event of failure of mediation to resolve the dispute relating to this contract such dispute shall finally be resolved through binding Arbitration by sole arbitrator in accordance with Arbitration Act 1940. The arbitrator shall be appointed by mutual consent of the both parties. The Arbitration shall take place in Lahore and proceedings will be conducted in English language.
4. The cost of the mediation and arbitration shall be shared by the parties in equal proportion however both parties shall bear their own costs and lawyer's fees regarding their own participation in the mediation and arbitration. However, the Arbitrator may make an award of costs upon the conclusion of the arbitration making any party to the dispute liable to pay the costs of another' party to the dispute.



5. Arbitration proceedings as mentioned in the above clause regarding resolution of disputes may be commenced prior to, during or after delivery of goods.
6. Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the National Bank of Pakistan shall pay the Supplier any monies due to the Supplier.

#### 15. Notices (GCC Clause 33)

National Bank of Pakistan's address for notice purposes:

Wing Head Procurement, LCMG, 26 Mclagon Road Regional Head Quarters National Bank of Pakistan, Lahore.

Supplier's address for notice purposes:.....

#### 16. Effective Contract Date (GCC Clause 3)

After having signed the contract, it shall come into force on the date of submission of Performance Security by the successful bidder.

#### 17. NBP Terms & Conditions

1. The bids will be opened in pursuant to Rule 36 (b) of Public Procurement Rules 2004 (PPRA 2004).
2. The Proposals will be opened on scheduled date & time and after checking, will be declared as Responsive or Non-Responsive.
3. The bid of the bidder having submitted Responsive Technical Proposal will be declared as SUBSTANTIAL RESPONSIVE BIDDER.
4. Bid security pursuant to Rule 25 of PPRA Rule 2004 must be accompanied with Bids in sealed envelope. Bidders have to submit bids for complete requirements. Late bids will not entertain. Bids submitted without signature & stamp on each / every page by authorized nominee of the bidder as per Power of Attorney will be rejected. Bid with material deviation, exception, objection, conditionality or reservation shall be rejected. Bid found without / under value bid security will also be rejected instantly at the time of bid opening.
5. Conditional tenders will be rejected.
6. The power cable from generator to AMF/ATS panel, Bank's DB to AMF/ATS Panel and AMF/ATS Panel to DB (managed load), will be laid & terminated at each end by the contractor.
7. The Bidders are advised to give their best and final prices as no negotiations are accepted.
8. Rates should be quoted in item rate basis, inclusive of all Govt. Duties, applicable Taxes & Insurances.
9. Any change in Govt. duties & taxes and currency devaluation will be on bidder's part and no any escalation for bid amount shall be claimed by the Contractor.
10. The payment shall be made as per actual quantity of items to be executed at each site.
11. The bidder will be responsible to arrange for safe & proper delivery and installation of D.G sets with accessories at each site as per instructions of Banks Engineer.
12. In case of failure to meet any of the deadlines given in Completion Time schedule, Penalty of Rs.2000/- per day shall be levied/recovered from contractor's bills to a Maximum of 10% of Contract Value.
13. If at any stage the Bank's Procurement Officer - Executive / supervision Engineer find that the progress of work is not satisfactory and that the bidder is not able to complete it within



- the time limit, he has full rights to get the work executed through some other agency at Contractor's risk and cost.
14. 5% Retention Money shall be deducted from bills and will be released after expiry of one year warranty period from the date of Payment, subject to satisfactory operation of D.G sets and satisfactory troubleshooting/maintenance services provided by the bidder. Otherwise the 5% Retention Money will be forfeited.
  15. In case of any dispute arises during the execution of this contract, the decision of the Wing Head / Divisional Head (Procurement / Engineering) will be final and binding upon the Contractors and without appeal.
  16. The rates quoted shall be binding on the bidders for a period of 180 days from the Date of Tender Opening and no fluctuation of any sort in material, labor, cartage etc. will be considered.
  17. The bidder should liaison with every local, provincial or federal Govt. Agencies (if required) for any hindrance in work and should sort out the matter at his own cost.
  18. If at any stage the information provided is found fake / false / contradictory, Bank reserves the right to forfeit Bid Security Money and award the works to subsequent lowest responsive bidder who will then become the SUBSTANTIAL RESPONSIVE BIDDER, without making any payment against works accomplished at the Sites if any.
  19. If any item of works is carried out which is not covered in tender the rates fixed by the Engineer In charge for such items will be final and binding on the Contractors. The Contractors in his own interest should get the rate for such item approved by the Engineer In charge / Wing Head before executing the work.
  20. The generator should be comprehensively carried under 01 year warranty with replacement of part.
  21. The total cost of bid is inclusive of Charges for Maintenance Services required during Comprehensive Warranty Period of 01 Year and no charges for attending to / resolving any fault at any NBP Site.
  22. The period of minor/major/top overhauling along with detail of parts to be replaced should also be given.
  23. During execution of work the branch fixture, fittings, furniture and any damage to them is the responsibility of Contractor to be indemnified to Bank at actual cost.
  24. The test Run shall be of 04 hours and generator should be tested / operated on variable and constant full load. The contractor will be responsible to fill Mobil /lube oil, coolant as per D.G set capacity &fuel (Diesel & Petrol) required for 04hrs testing.
  25. The payment shall be released as per actual scope of work done and satisfactory supply, installations, testing & commissioning of D.G Sets, ATS panels with MOR facility, M.S. canopies and satisfactory performance letter / acknowledgement issued by the respective branch / office along with acknowledged delivery challan containing quantities of all items given in BOQ from NBP branch Manager / Officer Incharge.
  26. The successful bidder will have to execute Contract Agreement (as per specimen attached) on Stamp Papers of value announced by the GOP.
  27. After execution of Contract Agreement, Substantial Responsive Bidder will be termed as "Contractor".
  28. The bidding documents should be submitted in similar form as being delivered to the bidders, without removing, deleting or addition of any paper, otherwise the bid will be summarily rejected without any checking and consideration. Any additional information or document not required in bidding documents, which the bidder deemed necessary to suffice their proposal, should separately be enclosed with related proposals.
  29. After verification of invoice the bidder is responsible to obtain Dead Stock Entry Stickers and Annexure Forms from Procurement Wing and affix the Dead Stock sticker on each Diesel & Petrol Generator Set and Annexure Forms get sign & stamped from each /concerned branch Manager / Officer and submit to Procurement Wing, otherwise bill will remain unpaid until said Dead Stock procedure is not completed as per Bank prevailing practice.



30. Important Instructions:-

- a) All bidders are required to submit the proposals with proper page numbering with master table of contents of all attached documents in the proposal.
- b) Technically compliance criteria will be considered to qualify for successful responsive bid.
- c) Grievances will be dealt as per Rule 48 of PPRA Rule 2004
- d) All bidders should ensure that each page of bidding document is sign & seal by NBP and are required to submit the Original NBP Bidding Documents (duly sign & seal each paper) along with all relevant proposals / brochures / catalogue / printed items. The Bid will be reject if NBP Original Bidding Documents not found in the Technical Proposal and Financial Proposal.
- e) The Firm's authorized representative/nominee should be eligible to attend bids opening ceremony.
- f) If any conflict or missing aspect arise in RFP/ Tender document in that case PPRA Rule 2004 and PEC evaluation rules will be consulted and will prevail.

31. **MODE OF PAYMENT**

- A. 100% verified amount shall be released after successful installation, commissioning, testing and inspection of Generator set, ATS panel with MOR facility & canopy by Bank's engineer and issuance of completion certificate by Bank branch's official.
- B. 5% retention money shall be deducted from each payment which shall be released after successful expiry of warranty maintenance period of one year.
- C. Withholding and Sales (General & Provincial) Taxes shall be deducted from each payment of BOQ-I & II as per rules.



## SECTION IX: CONTRACT FORMS

## Form of Contract

THIS AGREEMENT made the \_\_\_\_\_ day of 2022 \_\_\_\_\_ between National Bank of Pakistan Lahore (hereinafter called "the Procuring Agency") of the one part and [name of Supplier] of [city (hereinafter called "the Supplier/")] of the other part:

WHEREAS the Procuring Agency invited Bids for Procurement of Diesel & Petrol Generator Sets and has accepted a Bid by the Supplier for' the supply of Diesel & Petrol Generator Sets in the sum of [contract price in words and figures] (hereinafter called "the Contract Price").

### **NOW THIS CONTRACT WITNESSETH AS FOLLOWS:**

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - (a) the Bid Form and the Price Schedule submitted by the Bidder;
  - (b) the Schedule of Requirements;
  - (c) the Technical Specifications;
  - (d) the General Conditions of Contract;
  - (e) the Special Conditions of Contract; and
  - (f) the National Bank of Pakistan's Notification of Award.
  - (g) Contract agreement
  - (h) Complete Bidding document
3. In consideration of the payments to be made by the National Bank of Pakistan to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the National Bank of Pakistan to provide the goods and services and to rectify defects therein in conformity with all respects in accordance with the provisions of the Contract.
4. The National Bank of Pakistan hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the rectification of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year mentioned above.

Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_ (for the National Bank of Pakistan)

Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_ (for the Supplier)

## Performance Security or Guarantee Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

To,

[ National Bank of Pakistan Lahore]

**WHEREAS** (Name \_\_\_\_\_ of \_\_\_\_\_ the \_\_\_\_\_ Contractor/ \_\_\_\_\_ Supplier) \_\_\_\_\_ hereinafter called "the Contractor" has undertaken, in pursuance of "INVITATION TO BID FOR THE "PROVISION OF Diesel & Petrol Generator Sets"

**AND WHEREAS** it has been stipulated by you in the Contract that the Contractor shall furnish you with a bank guarantee by a scheduled bank for the sum specified therein as security for compliance with the Contractor's performance obligations in accordance with the Contract;

**AND WHEREAS** we have agreed to give the Contractor a Guarantee;

**THEREFORE WE** hereby affirm that we are Guarantor and responsible to you, on behalf of the Contractor, up to a total of \_\_\_\_\_ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the Contractor to be in default under the Contract, and without cavil or argument, any sum or sums as specified by you, within the limits of \_\_\_\_\_ (Amount of Guarantee) as aforesaid without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, or \_\_\_\_\_ [insert number of days] after the rectification of the Defects, whichever is later.

**[NAME OF GUARANTOR]**

Signature \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

Seal \_\_\_\_\_

Date \_\_\_\_\_

**(INTEGRITY PACT)**

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.  
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS**

Contract No. \_\_\_\_\_ Dated \_\_\_\_\_  
Contract Value: \_\_\_\_\_  
Contract Title: \_\_\_\_\_

..... [name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from National Bank of Pakistan or any administrative subdivision or Division thereof or any other entity owned or controlled by National Bank of Pakistan through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from National Bank of Pakistan, except that which has been expressly declared pursuant hereto.

[name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with National Bank of Pakistan and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to National Bank of Pakistan under any law, contract or other instrument, be voidable at the option of National Bank of Pakistan.

Notwithstanding any rights and remedies exercised by National Bank of Pakistan in this regard, [name of Supplier] agrees to indemnify National Bank of Pakistan for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to National Bank of Pakistan in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from National Bank of Pakistan

National Bank of Pakistan .....

Name of Supplier : .....

Signature: .....  
[Seal]

Signature: .....  
[Seal]



**CHECK LIST**

**(This checked list must be attached with each technical offer of each separate lot, duly filled and signed)**

No \_\_\_\_\_

Date \_\_\_\_\_

1	Bid Security	a. Bid Security ref no _____ b. Bank _____	
2	Documents signed by Authorized Signatory	<b>Yes</b>	<b>No</b>
3	Offering specification of items as per Invitation to Tender	<b>Yes</b>	<b>No</b>
4	Quoted Currency as per Invitation to Tender	<b>Yes</b>	<b>No</b>
5	Quantity as per Invitation to Tender	<b>Yes</b>	<b>No</b>
6	Delivery Schedule as per Invitation to Tender	<b>Yes</b>	<b>No</b>
7	Country of origin: _____		
8	Name of OEM:-		
9	Original Performa invoice/Bid Form (Mandatory)	<b>Yes</b>	<b>No</b>
10	Certified that there is no Deviation from Invitation to Tender conditions	<b>Yes</b>	<b>No</b>
11	Blacklisting certificate.	<b>Yes</b>	<b>No</b>
12	Verifiable OEM Certificate	<b>Yes</b>	<b>No</b>
13	Warranty Period as per Invitation to Tender	<b>Yes</b>	<b>No</b>

**Signature of Firm Authorised Signatory**

### **SPECIAL INSTRUCTIONS**

(To be filled by bidder and submitted along with each technical proposal of each separate lot)

	Description		Bidder		Technical Evaluation done by Committee		
			Yes	No	Accepted	Rejected	Remarks
1	Installation/ Commissioning	a. Commissioning of the equipment will be carried out by bidder at his own cost and risk at designated place at NBP. b. Any Special requirement must be specified in the offer by the supplier.					
2	Standard & Compliance	Bidder must submit specification compliance in their bids, non-compliance (if any) against the product specification and general terms & conditions of the Bid will lead to the disqualification of the bidder.					
3	Support Services	a. 24x7x365 Support Services excluding public holidays. b. Suppliers to have in-country spares/Technical support and ensure spares and technical support/Assistance for next 3 years.					
4	Warranty Period	a. 1 Years Comprehensive warranty for all items. b. A Warranty sticker is to be pasted on each item by the supplier/ OEM highlighting name of Firm, Contract No and Date, Description of Store and warranty validity.					



5	Liability of Supplier	<p>a. Supplier is to provide original OEM certificate of subject equipment bought directly from the manufacturer and being an authorized dealer.</p> <p>b. In Case the equipment supplied is not compatible with specifications, the supplier will be obliged to call his representatives at his own cost for consultation and corrective action.</p>					
6	Special Notes	<p>a. Additional requirements for the maintenance of equipment (if any) must be intimated by the supplier.</p> <p>b. Equipment must be a standard product of OEM available at web address of OEM.</p>					

