**“TENDER”**

**FOR**

**SUPPLY, INSTALLATION, COMMISSIONING & TESTING OF 60KVADIESEL GENERATOR SET FOR**

**STATE LIFE JHELUM ZONE& GILGIT ZONE.**



STATE LIFE Insurance Corporation of Pakistan, JHELUM

(A Government of Pakistan Enterprise)

**Website:** <http://www.statelife.com.pk>

**Table of Contents**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Description** | **Page No.** | |
| **From** | **To** |
| I | Covering Letter | **3** | **3** |
| II | Application Instructions - Technical Bid | **4** | **13** |
| III | Manufacturer’s Technical Data | **14** | **19** |
| IV | Bill of Quantities (BOQ) – Financial Bid | **20** | **24** |
| V | Terms & Conditions | **25** | **28** |
| VI | General Specifications and Scope of Works | **29** | **42** |
| VII | Advertisement floated on Public Procurement Regulatory Authority EPADS website: [www.eprocure.gov.pk](http://www.eprocure.gov.pk) and SLIC Website [www.statelife.com.pk](http://www.statelife.com.pk) | **43** | **43** |
| VIII | Covering letter for submission of Tender/bid. | **44** | **44** |
| IX | Evaluation Criteria/ Post-Qualification | **45** | **45** |
| X | Post-Qualification Assessment Sheet | **46** | **46** |

Dated: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

M/S \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject: SUPPLY,INSTALLATION,TESTING & COMMISSIONING OF 60KVA DIESEL GENERATOR SET AT STATE LIFE JHELUM ZONE & GILGIT ZONE.

Dear Sir,

Enclosed please find herewith the Tender documents of the above cited job comprising of:

1. Covering Letter
2. Application Instructions – Technical Bid
3. Manufacturer’s Technical Data
4. Bills of Quantities (BOQ) – Financial Bid
5. Terms & Conditions
6. General Specifications and Scope Works
7. Advertisement floated on Public Procurement Regulatory Authority EPADS website: [www.eprocure.gov.pk](http://www.eprocure.gov.pk)and State Life website [www.statelife.com.pk](http://www.statelife.com.pk)

Please submit your quotations/bid duly completed in all respect and signed at appropriate column pertaining to the bidder. Also ensure the submission of the bid on or before **17-09-2024 11:00am.**

Tenders will be opened on same day at 11:30am. in the presence of representative/bidders.

Thanking you,

Yours truly,

**INCHARGE (HR&A/P)**

Secretary ZPC, Jhelum Zone

Ph: (0544)-274092

Encl: As above.

**APPLICATION**

**INSTRUCTIONS –**

**TECHNICAL BID**

****

**STATE LIFE**

**LIFE INSURANCE CORPORATION OF PAKISTAN**

**INVITATION OF TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING &TESTING OF 60KVA DIESEL GENERATOR SET AT STATE LIFE JHELUM ZONE & GILGIT ZONE**

HR&A/P DEPARTMENT, JHELUM ZONE

STATE LIFE INSURANCE CORPORATION OF PAKISTAN,

Ch. Ghulam Ahmed Plaza No. 1, G.T. Road,Jadda, Jhelum

Phone: 0544-274092

**STATE LIFE**

**LIFE INSURANCE CORPORATION OF PAKISTAN**

TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING & TESTING OF 60KVA DIESEL GENERATOR SET AT STATE LIFE JHELUM ZONEand & GILGIT ZONE

**APPLICATION INSTRUCTIONS**

All Tenders desiring to quality for this contract should complete and submit the Pre-Qualification Form to:

**(HR&A/P) Department,**

State Life Insurance Corporation of Pakistan

Jhelum Zone

2nd Floor, Ch. Ghulam Ahmed Plaza No.1,

G. T. Road, Jada,

JHELUM.

Phone:0544-274092

Not later than 17-09-2024,11:00 am

All inquiries relative to this document and forms should be addressed in writing to above address before tender submission date and time through e-PADS.

Basic Conditions

1. Information supplied by the Bidders for the post-qualification statement must apply to the Company name on the statement. The substitution of background information pertinent to post-qualification will not be considered for another Company related to the applicant Company through a “Group Ownership”. Contracts will be awarded only to the post-qualified companies.
2. The SLIC will review the information supplied by firms submitting post-qualification forms and will report to the SLIC who will advise the applicants of their decision. Only those Tenders which pass through the pre-qualification process will be opened in the presence of Bidder’s representative who chooses to attend at a time to be determined. The Financial Bid Documents of the Bidders who fail to post-qualify shall be returned to them unopened. The decision of SLIC in this connection shall be final and binding on all Bidders.
3. Firms applying for registration individually are advised that any variation of constitution or membership from that put forward in response to this notice, without prior approval of the SLIC may result in disqualification of the firm of any tender, if they submit.
4. The response to this notice must be sufficiently detailed to convince the SLIC that the firms applying for registration have the experience as well as that Technical Administration and Financial Qualificationsnecessary for the execution of the subject works and they must prove that they have carried out similar works in their own country or abroad.
5. Firms submitting Post-Qualification applications may be required during the review process to make personal presentation of their qualifications to the SLIC. If so, the candidate Management Personnel of the firms will be required to be present.
6. All Post-Qualification statement documentation including Financial Statement, Auditor’s report and Bank references shall be in English Language (a legally attested copy shall be required with the Pre-Qualification forms).
7. Firms should submit copies of the following Registration Certificates:
8. Pakistan Engineering Council
9. GST Registration Certificate
10. NTN Number
11. Company Profile

RETURN TO:

**The Incharge HR&A/P,**

Zonal Office,

2nd Floor, Ch. Ghulam Ahmed Plaza No.1,

G. T. Road, Jada,

JHELUM.

Phone:0544-274092

1. **SUBMISSION**

a. SUBMITTED BY ……………………………………………………………………

b. REGISTERED ADDRESS …………………………………………………………

2. **COMPANY INFORMATION**

1. FULL/FIRM NAME OF THE COMPANY……………………………………
2. REGISTERED OFFICE ADDRESS……………………………………………
3. DESCRIPTION OF COMPANY FIRM……………….………………………
4. TELEPHONE NUMBER………………………………………………………
5. E-MAIL……………………………………FAX:…..…………………………
6. CONTRACT’S NAME/TITLE………………………………………….………
7. NAME OF PRESENT EXECUTIVE

DIRECTOR AND THEIR POSITION…………………………………………

IN THE COMPANY WITH BIO DATA………………………………………

PROVIDE COPY OF MEMORANDUM AND ARTICLE OF ASSOCAITION OR PARTNERSHIP DEED, WHICH EVER IS APPLICABLE.

3. **ORGANIZATION AND FINANCIAL DATA:**

1. TYPE OF BUSINESS ORGANIZATION (CORPORATION/JOINT VENTURE/PARTNERSETC.) ……………………………………………………………….…………………

…………………………………………………………………….……………

1. IF JOINT VENTURE, NAME OF THE JOINT VENTURE PARTNERS WITH NAME OF THE LEAKING PARTNER …………………………………………………………………………………

…………………………………………………………………………………

* IF PARTNERSHIP, NAMES OF THE PARTNERS WITH POSITION HELD BY EACH PARTNER
* Officially attested latest balance sheet
* Latest Income Statement
* If joint venture, financial statement of each firm must be submitted. No statements will be considered unless these are attested by a Competent Authority of the particular country and unless certified as being audited by an independent Public Accounting Firm.

1. **PERFORMANCE RECORD**
2. Please provide a brief resume of works completed by your firm in the last five years including all jobs involving similar nature of works (see attached Form)
3. List of Projects currently in progress of similar nature of works (see attached form)
4. **ORGANIZATION**
5. What is the size of your permanent, full time work form?
6. Provide organization chart of your firm indicate lines of communication and reporting responsibility.
7. Detail of key technical staff with their qualification and experience including of those who would be deputed for the proposed project.
8. Name of Bankers to the organization with Account Number and address. Bankers report on the credit worthless of the organization must accompany under a sealed cover.
9. **LITIGATION ETC**.

Provide detail of all cases: Present and past under dispute or litigator arbitration.

Provide a certificate that the form is not included in Black listed companies.

1. **LIST OF REFERENCES:**

Form Clients (attach certificate)

1. ……………………………………………..
2. ……………………………………………..
3. ……………………………………………...
4. **CERTIFICATION – SIGNATURE**

I hereby certify to thebest of my knowledge that the information hereby submitted in this brochure is correct.

Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seal : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STATE LIFE INSURANCE CORPORATION OF PAKISTAN

POST-QUALIFICATION BROUCHURE

FORM – 1

List Previous Experience of Similar Nature of Works

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NAME OF PROJECT & LOCATION | FULL NAME & ADDRESS OF CLIENT | TYPE OF CONTRACT/  PERIOD OF CONTRACT | CONTRACT VALUE (INDICATE CURRENCY IN PAK RS. ONLY) | DELAY PANELTIES CLAIMS, ARBITRATION | TYPE OF WORK | CARRIED OUT ALONG OR IN PARTNERSHIP (OR IN PARTNERSHIP, STATE SHARE & NAME OF PARTNER) | START DATE | DATE OF COMPLETION |
|  |  |  |  |  |  |  |  |  |

FORM – 2

List of all Projects of Similar Nature, which the firm has under-way at this time

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NAME OF PROJECT & LOCATION | FULL NAME & ADDRESS OF CLIENT | TYPE OF CONTRACT/  PERIOD OF CONTRACT | CONTRACT VALUE (INDICATE CURRENCY IN PAK RS. ONLY) | Delay PANELTIES CLAIMS, ARBITRATION | TYPE OF WORK | CARRIED OUT ALONG OR IN PARTNERSHIP (OR IN PARTNERSHIP, STATE SHARE & NAME OF PARTNER) | START DATE | EXPECTED DATE OF COMPLETION |
|  |  |  |  |  |  |  |  |  |

INSTRUCTION TO BIDDERS/SUPPLIERS OF EQUIPMENTS & MATERIAL RELEVANT TECHNICAL DATA ON WHICH THE TENDER IS BASED

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

1. The Bidder shall fill the name of only one manufacturer for the equipment on which the Tender is based. He shall be bound to supply the equipment from the same manufacturer.
2. The Bidder should preferably be the sole/authorized agent of the equipment and have complete back-up services i.e. spare parts, tools and trained Engineers.
3. The equipment should beof Perkin/Cummins/Caterpillar or equivalent brand.
4. The Bidder must fill the following list of equipment/material and manufacturer’s Technical data.

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. # | Equipment / Material for Generator **60**KVA with In-Built AMF Panel | Name of Manufacturer | Country of Origin |
| 1 | Diesel Engine |  |  |
| 2 | Alternator |  |  |
| 3 | ATS Panel |  |  |
| 4 | Canopy |  |  |
| 5 | L.T Cables Pakistan Cable or equivalent |  |  |
| 6 | MCCB, Terasaki/Schneider/ABB/Germany/Japan/France/Italy or equivalent. |  |  |
| 7 | Conduits/Accessories (if required) |  |  |
| 8 | Cables Tray, Trucking (if required) |  |  |
| 9 | Earthing |  |  |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TENDERER’S SEAL & SIGNATURE

MANUFACTURER’S

TECHNICAL DATA

MANUFACTURER’S TECHNICAL DATA

-----------------------------------------------------------------------------------------------------

**(To be filled–in and signed by the Bidder)**

|  |  |  |
| --- | --- | --- |
| Sr. # | Data Required | Data Submitted |

1. **ENGINE**: (Perkins/Cummins/Caterpillar) or equivalent.
   1. Manufacturer’s Name
   2. Maximum Engine Rating BHP
   3. Continuous Output Rating – BHP
   4. De – Eating Factor:
      1. For Altitude of 15 Meters above NSL
      2. For Inlet Air Temperature of Zero Degree Centigrade
      3. Others, if any
   5. Engine Rating at Site – BHP
   6. Period of Maximum Engine Rating – Hours

1.6.1 Operating Speed – RPM

* 1. Bore and Stroke – Inches / mm
  2. No. of Cylinders
     1. Arrangement of Cylinders – n line /v
  3. Engine Capacity – cu. In. /cc
  4. Compression Ratio
  5. Coupling
  6. Mounting
  7. Cooling System
  8. Ignition System
  9. Overload Capability
  10. Governor
      1. Type
      2. Make
  11. Efficiency (%)

1.17.1 At 100% rated load

1.17.2 At 75% rated load

1.17.3 At 50% rated load

1.17.4 At 25% rated load

* 1. Fuel Consumption (Liters/Hour)

1.18.1 At 100% rated load

1.18.2 At 75% rated load

1.18.3 At 50% rated load

1.18.4 At 25% rated load

1.18.5 At 0% rated load

MANUFACTURER’S TECHNICAL DATA

----------------------------------------------------------------------------------------------------

**(To be filled – in and signed by the Bidder)**

|  |  |  |
| --- | --- | --- |
| Sr. # | Data Required | Data Submitted |

1. **ALTERNATOR**:

Caterpillar/Newage Stamford/Leroy Somer/Maccalte or equivalent

* 1. Manufacturers Name
  2. Design Output Rating
  3. Continuous Output at Site
  4. Power Consumption in Auxiliaries
  5. Net Power Available
  6. Rated Voltage
  7. Rated Current per Phase
  8. Power Factor
  9. Speed
  10. Frequency
  11. Insulation Class
      1. Stator
      2. Rotor
      3. Exciter
  12. Overload Capability
  13. Harmonic Content - %
  14. Temperature Rise – Degree Celsius
  15. Frequency Regulation - %
  16. Deviation Factor - %
  17. Voltage Regulation
      1. Type
      2. Regulator
      3. Regulation - %
      4. Voltage - %
      5. Response Time – Sec
  18. Efficiency %

2.18.1 At 100% rated load

2.18.2 At 75% rated load

2.18.3 At 50% rated load

2.18.4 At 25% rated load

* 1. Exciter
     1. Type
     2. Related Voltage – Volts
     3. Full Load Current – Amps

MANUFACTURER’S TECHNICAL DATA

-------------------------------------------------------------------------------------------

**(To be filled – in and signed by the Bidder)**

|  |  |  |
| --- | --- | --- |
| Sr. # | Data Required | Data Submitted |

* 1. Radio Frequency Interference
  2. Telephone Influence / Interference
  3. Charger Capacity
  4. Batteries
     1. Type
     2. Rating – AH

1. **ACCESSORIES**

(Contractor to state whether or not these accessories are provided)

* 1. Crankcase Heater
  2. Automatic Water Makeup System
  3. Dueling for Radiator
  4. Exhaust System
     1. Residential
     2. Industrial
  5. Meters / Gauges to Indicate
     1. Engine Speed in RPM
     2. Lube Oil Pressure in Bars
     3. Engine Water Temperature in 0C
     4. Engine Running Hours in Hrs.
     5. Battery Charging Current in Amps.
  6. Alarm / Indicating Lamps for:
     1. Engine Over Speed
     2. Low Lube Oil Pressure
     3. High Engine Water Temperature
     4. Over Voltage
     5. Under Voltage
     6. Short Circuit / Tripping of Main Circuit Breaker
     7. Low Fuel Level
     8. High Fuel Level
     9. Charger Failure
     10. Over Cranking
     11. Charging Alternator Failure

MANUFACTURER’S TECHNICAL DATA

-------------------------------------------------------------------------------------------

**(To be filled – in and signed by the Bidder)**

|  |  |  |
| --- | --- | --- |
| Sr. # | Data Required | Data Submitted |

* 1. Safety devices for instantaneous shutdown due to:
     1. Engine Over Speed
     2. Low Lube Oil Pressure
     3. High Water Temperature Shut Down
     4. Under Voltage
  2. Safely devices for adjustable delayed shut down through shutdown timerdue to:
     1. Over Voltage
     2. Short Circuit/ Tripping of Main Circuit Breaker
     3. Low Fuel Level in Tank

**BILL OF QUANTITIES (BOQ)**

**FINANCIAL BID**

Note: ***TO BE SUBMITTED BY THE CONTRACTORS ON THEIR LETTER-HEAD.***

**The Incharge HR&A/P,**

State Life Insurance Corporation,

2nd Floor, Ch. Ghulam Ahmed Plaza No.1,

G. T. Road, Jada,JHELUM.

Phone: 0544-274092

Subject: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF **60**KVA DIESEL GENERATOR SETS AT STATE LIFE JHELUM ZONE& GILGIT ZONE.

Dear Sir,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications and visiting the site for execution of the above mentioned supply/works, we the undersigned, being a Company doing business under the name of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and address\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy and defects therein in conformity with the said documents including Addenda thereto for the Total Bid Price of Rs.\_\_\_\_\_\_\_\_\_\_\_\_ (Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only) or such other sum as may be ascertained in accordance with the said documents.
2. We undersigned all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a **‘Bid Security’** in the amount of Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_drawn in your favor of State Life.
4. We undertake, if our Bid is accepted, to commence the works and the deliver and complete the works comprised in the contract within the time(s) stated in ‘Contract Data’.
5. We agree to abide by this Bid for the period of **120** days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Thank you,

Yours Sincerely,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For and Behalf of Contractor/Firm

(with official seal)

Encl:-

* Original Pay Order/CDR.

**BILL OF QUANTITIES (BOQ)**

**SUPPLY OF DIESEL GENERATOR SET 60KVA, FOR STATE LIFE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Description** | **Unit** | **Qty.** | **Unit Rate**  **(PKR)** | **GST** | **Total Amount (PKR)** |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|  | Supply, Installation, Testing and Commissioning of the following items of work (unless specifically stated otherwise), including all material, labour, tools, plant accessories, etc. required for proper completion of each item as per specifications and locations.  General/ Specification, for Electrical Works shall be applicable to all BOQ items. The contractor may visit both the sites, inspect the existing condition of the works and nature to balance works before quoting the price in Tender. In ‘the result of such inspection and check of the works, if Contractor founds any rectification or remedial works necessary to be executed for balance works, the Contractor shall accommodate the cost of such works in the quoted rates. |  |  |  |  |  |
| 1. | **Diesel Generator Set of make Perkins/ Cummins/ Caterpillar or equivalent best available brands each for Jhelum &Gilgit.**  Following the rating of complete Diesel Generator Set with Inbuilt AMF control/ instruments (to be connected with ATS panel) and all control Wiring/interlocks between DG Set Panel and utility supply, pipe work, exhaust system, skid mounted fuel day tank, ducting, control panels complete with all accessories, foundation pads and all related civil works etc., complete in all respect.   1. Capacity of DG Set.   i) **Prime 60 KVA**  ii) Standby 66 KVA  400/230 V, 50 Hz, 3 Phase 1500-1800RPM complete with key start control panel, 45C radiator for tropical areas, battery, battery trey and loads etc., Solid Steel Base, Fuel Tank and industrial cylinder, complete in all respects.   1. 1 Foot raised RCC foundation, bricks, C:S:M (1:2:4 ratio mixture), necessary DPC, plaster and relevant civil works complete in all respects and to the entire satisfaction of the site engineer. 2. Exhaust System Works 3. Skid Mounted Fuel Day Tank (60KVA).   Fuel system comprising of overhead/underground fuel storage tank having capacity of at-least 400Liters, manufactured as per DIN 6608/ASMEStandards, complete with manhole cover, fuel piping network to the above mentioned DG Set, complete in all respects. | Job | 02 |  |  |  |
| 2. | AMF/ ATS PANNEL |  |  |  |  |  |
|  | Supply & installation of AMF (**A**utomatic **M**ains **F**ailure)/TP ATS (**A**utomatic Load **T**ransfer **S**witches) Panel with all imported components of adequate ratings/ specifications along with the single core/ multi core PVC/PVC copper conductor cable connected with the Panels of the electric substation coupled with Electric Supply Company’s electric supply as auto change over switching having necessary inter locking with Electric Supply Company’s electric supply, (by visiting the site to observe the site condition). | Job | 02 |  |  |  |
| 3. | CANOPY |  |  |  |  |  |
|  | Providing & fixing weather proof & sound proof canopy for 80KVA DG Set, made with appropriate size M.S. angle iron frame & 12 SWG M.S Sheet and foundation pad duly painted with red oxide & weather proof colour. The canopy sound level should not exceed **85db** at a distance of one (1) meter from the Generator with necessary doors for inspection/ repairs duly earthed body as per approved design & instructions of the Engineers. | Job | 02 |  |  |  |
| 4. | CABLES |  |  |  |  |  |
|  | 1. Supply of 75Rft or as per site 4-core 75sqmm 0.6 /1KVarmoured XLPE/ PVC pure silver conductor cable of the available best brand (Pakistan Cable or equivalent) along with allied accessories and necessary inter connections of D.G Set and Electric Supply Company’s electric supplies and with L.T/ AMF/ TP ATS panels of electric sub-station. 2. Supply of 75Rft or as per site 4-core 2.5sqmm (neutral link), color coated control cable of make Pakistan Cables or equivalent along with allied accessories.**(Length of both type of Cables may vary)** | Job | 02 |  |  |  |

**SUPPLY OF DIESEL GENERATOR SET 60KVA, FOR STATE LIFE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Description** | **Unit** | **Qty.** | **Unit Rate**  **(PKR)** | **GST** | **Total Amount (PKR)** |
| (1) | (2) | (3) | (4) | (5) |  | (6) |
| 5. | EARTHING |  |  |  |  |  |
|  | Supply of necessary material, cables (Make Pakistan Cables or equivalent) of recommendable sizes for earthing systems, Rod type earth electrode including earthing lead, inspection chamber all accessories etc., complete in all respect by mentioning the specifications of adequate system recommendable for the supplied D.G Set of **60KVA** along with connections. | Job | 02 |  |  |  |
| 6. | COST OF SPARE PARTS |  |  |  |  |  |
|  | 1. Air Filter 2. Oil Filter 3. Fuel Filter 4. Anti-Freeze – Coolant 5. Driving Belt 6. Set of diodes for excitation system 7. Electronic Control Card 8. Additional spares, if any, recommended and required. | Job | 02 |  |  |  |
| 7. | MISCELLANEOUS |  |  |  |  |  |
|  | Any other item whether specified or not but deemed necessary and required for the entire complete and functional system including Manual Change Over Switch 500V/ 300 Amp, Main Circuit Breaker (MCCB) 4-Pole 100 Amp of best and imported Brand as per the site requirements. | Job | 02 |  |  |  |
|  | Total Amount Carried over to Summary of Cost, **INCLUSIVE OF TAX(ES), WHERE APPLICABLE ETC.** | | |  |  |  |

**TERMS & CONDITIONS**

SPECIAL TERMS & CONDITIONS

|  |  |  |
| --- | --- | --- |
| 1 | Amount of Bid Security | An amount of Rs.300,000/- in the form of (Pay order/Bank Draft/CDR) in the name of State Life Insurance Corporation of Pakistan. |
| 2 | Release of Bid Security | 1. Shall be released to unsuccessful bidders after the acceptance of bid. 2. To the successful bidder on satisfactory completion of entire work. |
| 3 | Mode of Payment | Full and final payment on completion of job subject to withheld 5% for each unit separately as retention money |
| 4 | Retention Money | 05% of the final bill of each unit. |
| 5 | Release of Retention Money | Retention Money 05% shall be released on completion of defects liability period. |
| 6 | Liquidated Damages in case of non-completion of supply/work within the stipulated period. | Rs.500/- (Five Hundred) per day. |
| 7 | Limit of Liquidated Damages | Maximum upto10% of Contract Sum |
| 8 | Method of Payment | Final Bill Only. |
| 9 | Date of Commencement | Within Seven (07) Days from the Date of Issuance of Letter of award. |
| 10 | Time of Completion of Work from the date of Commencement of Work | Fifteen (15) Days from commencement of work (Saturday& Sunday included) |
| 11 | Validity of Tender | One Hundred Twenty (120) Days (from the date of opening of Tender). |
| 12 | Defects Liability Period | One (01) year/ (12 Months) from the Date of Commissioning. |
| 13 | Agreement | Rs.200/- stamp paper for each unit within Three (03) Days after signing of Letter of Award |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TENDERER’S SEAL & SIGNATURE

GENERAL TERMS:

* 1. Tender is invited for supply installation, commissioning and testing of **60KVA** D.G Set as per attached B.O.Q. at State Life’s two zonal offices each located atJhelumand GILGIT.
  2. Tenders shall be submitted in through e-PADS.
  3. Biddersmay visit the site(s) and ensure that their offers are completed in all respect and that all terms & conditions mentioned in this document shall be strictly complied with. The Bidder must ensure/study the specification schedules and B.O.Q as are attached with offer to avoid any debate/discussion/ dispute during or after execution of work.
  4. Before uploading on e-PADS, Tender documents (all papers) must be signed stamped and dated to signify the acceptance of Tender’s conditions.
  5. Technical services and operating conditions for achieving the performance shall be the responsibility perfect of the Bidder. The successful Bidder/supplier will be required to submit the schedule of supply and installation within (03) Days from the acceptance of Letter of Award.
  6. State Life Insurance Corporation of Pakistan (SLIC) has right to accept most advantageous bids only and canreject in the interest of Corporation the lowest bid or any Tender received for this job.
  7. Any conditional Tender will not be accepted and will be liable to rejection.
  8. Tenders without Bid Security will not be accepted/entertained.
  9. Contractor has to clean the site in every respect from unused material debris and tools on completion of work.
  10. State Life Insurance Corporation of Pakistan (SLIC) will not be responsible for any loss to life or theft to tool/equipment or consumable material and will not accept any claim, liable or compensation.

1. Pre-Bid Visit
   1. Biddersmay visit the site before submission of Tenders/Bids and ensure that their offers are completed in all respect and that all terms & conditions mentioned in this document shall be strictly complied with. Bidder must ensure& study the specifications schedules and BOQ as are attached with offer to avoid any debate/discussion/dispute during/after executing of work.
   2. No. TA/ DA what so ever shall be given to Bidders for pre-Bid visit.
2. PRICE AND ESCALATION
   1. Quoted price shall be inclusive of supply, transportation, insurance, octari, loading, unloading, lifting and fixing of equipment of site, as specified in the Tender.
   2. No price escalation claim will be entertained in any reason clue to change in Taxes, Levy, Wages, Currencies fluctuation or any other change announced by the Central Government/Provincial Government or any otherGovernment or authority.
   3. The contractor/firm will be bound to pay all Federal/Provincial Government taxes levied on the job i.e. GST, Income Tax and any Tax in future if imposed by the Government during the current contract and the quoted rates will be inclusive of all taxes, where applicable.
   4. Contractor will arrange N.O.C. permission or any other requirement as per Site if required from any Government Authority / Corporation etc. Official estimate/actual bill will be paid by State Life Insurance Corporation of Pakistan (SLIC) separately.
3. MODE OF PAYMENT

As per special Terms & Conditions

1. DEFECT LIABILITY PERIOD AND CERTIFICATE
   1. The contractor shall furnish a completion certificate that the work has been completed and materials supplied strictly confirm to the specification as laid down in the contract. The contractor will also submit single line diagram and as built drawing after completion of works.
   2. The contractor will replace the components if not found according to specification or found defective due to faulty design, material or workmanship.
   3. Cost of removal, rechecking and cartage charges for defective materials sent back to place of manufacturing will be borne by the contractor.
2. The installation, in General, shall be carried out in conformity with the Pakistan Electricity Rules, 1973 and the latest edition of the Regulations for the Electrical Equipment of Building by the Institution of Electrical Engineers, London (I.E.E). However, in case of conflict between these specifications and the I.E.E Regulations, these specifications shall be followed.
3. The Contractor shall be responsible for submitting the test certificate and getting the installation passed by the Electric Inspector (where applicable) or an Engineer of State Life. Any special requirements of the Electric Supply Company shall also be complied with.

**GENERAL SPECIFICATIONS AND SCOPE OF WORKS**

**GENERAL SPECIFICATIONS AND SCOPE OF WORKS**

1. **SCOPE**

The work under this section consists of supplying, installing, testing and commissioning of all machinery, material and services of the complete D.G. Sets including in-built AMF and ATS Panel with required Interlocking and other equipment, as given in the Bill of Quantities.

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

The Contractor shall discuss the electrical layout with the Engineer/client and co-ordinate at Site with other services for exact location and position of the Diesel Generator Test, ATS Panel with required Interlocking, underground fuel storage tanks with piping network and routing of cables.

The D.G Sets, with inbuilt AMF and ATS Panel etc., and accessories shall comply with the relevant provisions of the Tender Document.

1. **GENERAL**

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

The sets shall be with sound proof canopy of residential type where specified and rated for continuous duty and suitable for outdoor/indoor installation as specified with protection class rating accordingly. It shall be capable for unbalance loads upto 30% of actual load and for continuous part load operation. The set shall be capable of starting and operation at the rated output at 50 Centigrade. The ratings must be substantiated with manufacturer’s standards published data.

The Diesel Generator set shall, after reducing the power absorbed by the auxiliaries, deliver continuously rated power output with overload capability for operation at least 10% above the rated capacity for 1hour continuously in any 12 hours operating in accordance with ISO 3046, AS 2789 & 5514 under the site conditions. Al auxiliaries, accessories and connections between system along with all necessary cables, fittingsetc; however, for complete installation of Diesel Engine, Alternator, Control/ Installation Panel with required Interlocking, Fuel and Oil Storage, Batteries, Exhaust System with acoustic and residential Silencer etc., shall be furnished by the Contractor.

The engine shall be directly coupled to the Alternator, and shall have a rated speed of 1500-1800 rpm. The set shall be capable of sustaining without damage, 25% over speed under any abnormal operating condition.

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

The set shall be suitable for full load starting. When the Generator is operating at no-load, the application of full load current, taking into account the surge due to starting of equipment, should be possible with maximum transient voltage drop of 15% of the rated voltage, and the time restore the Generator voltage to 97% of rated should not exceed 1.5 seconds.

The sets shall be capable for starting and accepting full load within 30 seconds after receipt of starting signal.

The D.G Sets shall be of following make or **equivalent** standard & quality.

Perkins -

Caterpillar -

Cummins -

Stamford -

Meccalte -

Leroy Somer -

The Contractor shall submit the equipment layout and other installation details as per manufacturer’s recommendations for approval of the Engineer at least 15 days prior to the installation of the set.

Necessary provision, including connections and a Local/OFF/Remote control switch shall be made in the Alternator Panel of the D.G Set the cost of such provision, connection, testing and commissioning are deemed to be included in the Cost of D.G Set and no separate payment shall be made against such works.

1. **MATERIAL**
   1. **Diesel Engine**

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

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

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

The batteries shall be adequate to satisfy the following requirements:

1. Crank the Engine at firing speed for at least 15 seconds.
2. If the Engine does not start on the first attempt, crank the Engine two more times for the above duration at an interval of 30 seconds between each cranking operation.
   * 1. Air Intake

Air intake shall be through turbo charger and equipped with dry type filter. Suitable attenuators shall be installed to reduce noise at the air inlet.

* + 1. Engine Lubrication

A gear type positive pressure lubrication pump shall be provided with efficient filtration arrangement for the lubrication system. A 230V AC mains operated heater with thermostat shall be provided in the crankcase.

Engine shall have a constant oil level regulator, gravity fed from an engine mounted lube oil reservoir. Reservoir shall be equipped with an oil level gauge. Size of the reservoir should be suitable for 30 days continuous operation at full load.

A crankcase pressure release valve shall be provided to operate during excess pressure.

* + 1. Engine Cooling

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

* + 1. Exhaust Systems, Noise, Pollution

Exhaust system shall be equipped with a residential type silencer complete with muffler, exhaust manifold, flexible connector, exhaust elbow, exhaust pipe, rain cap, and associated fittings. The exhaust line shall be taken outside the building through the shortest possible and practical route, without any undue bends. This exhaust line shall be adequately covered with thermal insulation material over its entire length i.e. from the engine to the termination point. All supports for exhaust system shall be furnished.

In order suppress the noise, acoustic entrance door and acoustic radiator duct along with residential grade silencer will be used for 60 KVA DG set.

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

* + 1. Speed Governor

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

* 1. **Fuel System**

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

The fuel system shall comprise:

* + Underground fuel storage tank.
  + Fuel transfer pump (s)
  + Fuel piping network.
  + Fuel day tank.

Underground Fuel Storage Tank, Fuel Transfer Pumps, Fuel Piping Network and Day Tank of D.G Set are to be provided as per the requirements.

* 1. **Alternator**

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

* + 1. Excitation

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

* + 1. Windings

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

3.3.3 Voltage Regulation

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

Voltage regulation shall be plus or minus 2.5% from no-load to full load. Transient voltage drop shall be than 15% at full load and 0.8 power factor. Time required restoring to steady state conditions after transient voltage fluctuation shall not exceed 10 seconds.

* + 1. Short Circuit Capability

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

* + 1. Deviation Factor

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

3.3.6 Electronic Generator Card

Electronic Generator Card must be included.

* 1. **Control / Instrument ATS Panels**

The Control/Instrument Panel for the generator shall be designed for front access, completely assembled, wired and tested. The control panel confirm to the constructional requirements as stated in these specifications Section – 8132 for LT Switch Boards. The panel shall comprise but not limited to the following main components.

* + 1. Generator Panel

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

* + 1. Circuit Breaker

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

* + 1. Instrumentation

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

3.4.4 AC metering

1. Volts 3-phase (L-L & L-N)
2. Amps (per phase & Average)
3. Frequency (Hz)
4. KW (total & per phase)
5. KVA (total & per phase)
6. KVAR (total & per phase)
7. Power Factor (overall & per phase)
8. KW hours
9. KVAR hours

An KWHmeter (energy meter) shall be provided in compliance to the requirement of Electrical Inspector covering the Region (area), in addition to the above mentioned metering.

3.4.5 DC Metering

i) Battery Volts

ii) Engine hours run

iii) Engine Jacket Water Temperature

iv) Lube Oil Pressure

1. Lube Oil Temperature
2. Crank attempt counter

vii) Start Counter

viii) Engine Speed

1. Fuel Oil Level

**3.5 Safety Devices**

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

A = Alarm SD = Shutdown TD = Adjustable Time Delay

|  |  |  |  |
| --- | --- | --- | --- |
| I | Engine Over Speed | A | SD |
| II | Low lube oil pressure | A | SD |
| III | High water temperature | A | SD |
| IV | Over voltage | A | SD (TD=0 – 30 Sec) |
| V | Under voltage | A | - |
| VI | Short circuit & tripping of circuit breaker | A | SD (TD=0 – 1 min) |
| VII | Low level in fuel day tank | A | SD (TD=0 – 5 min |
| VIII | High level in fuel day tank | A | - |
| IX | Charger failure | A | - |
| X | Winding temperature high | A | SD (TD=0 – 2 min |
| XI | Over crank | A | SD |
| XII | Low crankcase oil level | A | - |
| XIII | High crankcase oil level | A | - |
| XIV | Charging alternator failure | A | - |

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

**3.6 Batteries & Battery Charger**

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

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

* 1. **Controls**

Following controls shall be provided as a minimum:

* 1. Auto-Manual-Test-Stop key with LED indicator
  2. Lamp test key

1. Alarm acknowledge
2. Status indicators (1 red shutdown, 1 amber warning)
3. Lock down emergency stop push button.
   1. **AMF Panel (In-built)**

Tile AMF panel shall incorporate automatic changeover system, which shall be designed for the following function:

1. To start D.G. Set immediately when the main supply fails.
2. To start the set synchronize whenever the main supply voltage drops or rise. The setting voltage shall be adjustable within – 5% and +5% respectively for the lower and upper ranges.
3. To make two successive attempts, in case the set fails to start in the first attempt.
4. Initiate the Automatic Transfer Switch (ATS) closing the Generator Air Circuit Breaker while the Supply Air Circuit is already made open. The ATS shall transfer the load to the Generator, after the rated speed/frequency and voltage have been achieved.
5. The system shall transfer the load from the generator to main supply wherever the voltage returns +5% and persists for at-least 3 minutes.
6. The system shall be self-resetting after each cycle of operation.
7. A four-position selector switch shall be provided for selecting the operation madei.e:Test-Manual-Automatic-Stop/ Maintenance mode to facilitate the following operation.
8. **Automatic**

As described above

1. **Manual**

Manual starting of the set and load from transformer to generator and vice versa.

1. **Test**

Testing the changeover operation when so desired, and also for starting and running the set without interrupting the normal operation. In case of failure of main supply during testing, the set shall automatically revert to automatic mode of operation.

1. **Stop/Maintenance**

Provision shall be made to isolate the system for troubleshooting and maintenance without interruption of mains power supply. The set shall not be capable of starting in this condition.

1. Two normally open and two normally close potential free contacts rated for 3 Amps at 230V AC shall be provided, which shall operate when the set is started with the operation mode selector switch in auto or manual position. The contacts shall be wired up to the terminal block in panel.

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

**4.** **INSTALLTIONS & TESTING**

The Diesel Generator set and associated equipment with accessories shall be installed at location mentioned above. The Contractor shall ensure execution, coordination with the civil works for providing any openings, holes, etc. to avoid any breakage to completed works. The Contractor will arrange allied civil works for complete execution of the job at his own cost and to the satisfaction of client. The Contractor shall provide foundation bolts and grout them in cement concrete floor using non-shrinkable material with the approval of the client.

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

The Diesel-Generator set shall be completely erected as per manufacturer’s instructions and as approved by the Engineer. Loose parts dispatched by the manufacturer shall be installed and connected as per assembly drawing provided by the manufacturer. Any safety locking of meter, relays, etc., provided by the manufacturer for safe transport shall be released only after the generator/control panel is erected in position.

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

The Diesel generator and associated equipment body shall be connected to earth as per instructions given in Section “Earthing” of these Specifications. The Diesel generator set shall be tested and commissioned in the presence of the Engineer/representative of client. The tests to be carried out are described in article “Testing” of General Specifications for Electrical Works.

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

The piping shall be hydrostatically shop tested as required by ASME code, section VIII, DIV-I will be dried immediately after the test.

No separate payment is admissible for testing and commissioning of low voltage D.G. Set, associated equipment and piping and is deemed to have been included in the BOQ rates of the Low voltage D.G. sets and fuel system.

1. **MEASUREMENT AND PAYMENT**

5.1 **General**

The Contractor’s bid amount against each item of Bill of Quantities as given below shall include supply, installation, testing, commissioning and for all supplies/works specified herein and/or as shown on the Tender B.O.Q. related to the item.

5.2 **Diesel Generator Set**

5.2.1 Measurement

Measurement shall be made for the Diesel Generator Set including Fuel Day Tank, Control/Instrument Panel, Gravity Louvers, Control Wiring to Control/Instrument Panel of other generator, MCO Panel with requiredInterlocking, L.T Switchboard etc. acceptably supplied and installed by the Contractor as a complete job.

5.2.2 Payment

Payment shall be made for the number of jobs measured as provided above at the Contract unit price each for supplying installing, testing, commissioning and completion of the Diesel Generator Set, including its reinforced concrete foundation, Fuel Day tank, Gravity Louvers matching with radiator, Control/Instrument Panels and accessories, control wiring between D.G Set and Control/Instrument Panel, ATS Panel with required interlocking, L.T. Switching fixing arrangements, all testing arrangements, etc.

5.3 **Fuel System**

5.3.1 Measurement

Measurement shall be made for Fuel System comprising underground Fuel Storage Tank of capacity mentioned in BOA/drawings including pumps all accessories and piping acceptably supplied and installed by the Contractor as a complete Job.

5.3.2 Payments

Payment shall be made for the number of jobs measured, as provided above at the Contract unit price each and shall constitute full compensation for supplying, installing, testing and commissioning of underground fuel storage tank with excavation, backfilling, sand filling, reinforced concrete foundation/structure (including reinforcement) and fixing/supporting structure and all other accessories complete with all type of valves, fuel transfer pumps (both electric and manual) float switches control/power wiring, control panel for automatic operation of the pumps, for each generator as per Specifications and required for normal operations of D.G Set.

5.4 **Spare Parts**

5.4.1 Measurement

Measurement shall be made for the spare parts of Diesel Generator Set as listed in Schedule in Tender Documents, acceptably supplied by the Contractor as a complete lot.

5.4.2 Payment

Payments will be made for the complete job of spare parts as provided above at Contract unit price and shall constitute full compensation for supplying, tagging, and packing of spare parts including wooden/steel storage boxes as required.

|  |
| --- |
|  |
| SUPPLY, INSTALLATION, COMMISSIONING & TESTING OF 60 KVA  DIESEL GENERATOR SET AT STATE LIFE JHELUM ZONE& GILGIT ZONE  **TENDER NO.SLIC/JLM ZONE/001/2024**  State Life insurance Corporation of Pakistan invites bids through PPRA’s e-PADS from original authorized distributors/ suppliers/contractors/firms registered with Tax authorities and appearing on active tax payers list, for supply, installation, testing and commissioning of 60KVA DG set at State Life Zonal Offices Jhelum Zone and Gilgit Zone.  The firms/suppliers must have at least 05 years of relevant experience and proper office, telephone number and are registered with PEC under relevant category. Bidding/Tender documents containing detailed terms and conditions etc are available on e-PADS website [www.eprocure.gov.pk](http://www.eprocure.gov.pk) and can also be downloaded from state life’s website [www.statelife.com.pk](http://www.statelife.com.pk)  Bids prepared in accordance with the instructions in the bidding documents must be uploaded on e-PADS in the following manner:   |  |  | | --- | --- | | Tender Closing  Date and Time | 17-09-2024, Up to 11:00 am. | | Tender Opening  Date and Time | 17-09-2024, At 11:30 am. | | Amount of Bid Security | Rs.300,000/  (separately for Jhelum Zone and Gilgit Zone each @ Rs.150,000/) |   Bids submitted other than e-PADS and without original Bid Security shall not be entertained.  Bidding shall be prepared and uploaded under “Single Stage – Two Envelope” method laid down in PPRA Rules 2004. Bid documents, containing detailed terms & conditions, method of procurement, procedure for submission of bids, bid security, bid validity, guarantee etc., are available for the interested bidders at relevant websites for downloading.  The contractor may visit the site & consult **Incharge (HR&A/P)/ Zonal Office,** Ch. Ghulam Ahmed Plaza No. 1, G. T. Road, Jada, Jhelum during office hours regarding any clarification in respect of supply/works/ items/ specification etc for both Zones.Ph: (0544)274092  *State Life reserves the right to reject any or all bids or proposals at any time prior to the acceptance of a bid, or proposal, in accordance with PPRA Rule No.33 (1).*    **Ghulam Mustafa, Incharge HR&A/P State Life, Zonal Office**  Ch. Ghulam Ahmed Plaza #01,  G. T. Road, Jada, Jhelum, 0544-274092 |
|  |

***(uploadedwith pre-qualification documents)***

Dated: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The Incharge**

HR&A/PDepartment

State Life, Zonal Office

2nd Floor, Ch. Ghulam Ahmed Plaza No.1,

G. T. Road, Jada,**JHELUM**

Phone: 0544-274092

Subject: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 60KVA DIESEL GENERATOR SET AT STATE LIFE JHELUM ZONE AT JHELUM AND GILGIT ZONE AT GILGIT

Dear Sir,

Having gone through the Tender document/Post Qualification Criteria for subject supply/work, we hereby submit our Tender consisting of Technical andFinancial bids for your consideration please.

1. Pay order/ Demand draft/CDR having No. \_\_\_\_\_\_\_\_\_\_\_\_\_ drawn on \_\_\_\_\_\_\_\_\_\_\_\_\_\_ bank dated:\_\_\_\_\_\_\_\_\_\_\_ consisting of Rs.150,000/- (Jhelum Zone)
2. Pay order/ Demand draft/CDR having No. \_\_\_\_\_\_\_\_\_\_\_\_\_ drawn on \_\_\_\_\_\_\_\_\_\_\_\_\_\_ bank dated:\_\_\_\_\_\_\_\_\_\_\_ consisting of Rs.150,000/-(Gilgit Zone) as a Bid Security are being submitted in original and uploaded on e-PADS with Technical Bid.

Thanking you,

Yours sincerely,

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

M/S: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CRITERIA FOR EVALUATION / POST-QUALIFICAITON**

Subject: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 60KVA DIESEL GENERATOR SET AT STATE LIFE JHELUM ZONE AND GILGIT ZONE.

|  |  |  |
| --- | --- | --- |
| A. | **COMPANY PROFILE:** | |
|  | * + 1. The Firm/company established before more than 10 years will be awarded full marks.     2. The Firm/company established for less than 10 year will be awarded proportionally less marks for each year.     3. The company established for less than 05 years will be disqualified. | **10 Marks** |
| B. | **5-SIMILAR ELECTRICAL SUPPLY/MAINTENANCE PROJECTS COMPLETED DURING LAST TWO YEARS:** | |
|  | 03 Marks per Contract | **15 Marks** |
| C. | **5-SIMILAR ELECTRICAL SUPPLY/MAINTENANCE PROJECTS IN PROGRESS TILL DATE:** | |
|  | 03 Marks per Contract | **15 Marks** |
| D. | **CIRTIFICATIONS** |  |
|  | ISO 9000 Certified Supplier 5 Marks  ISO 14000 Certified Supplier 5 Marks | **10 Marks** |
| E. | **TECHNICAL STAFF:** | |
|  | 1. Engineer (Atleast-02) 02 Marks each 2. D.A.E (Atleast-05) 01 Mark each 3. Electrician/Technician(Atleast-06) 01 Mark each | **15 Marks** |
| F. | **5-ENLISTMENTS WITH OTHER ORGANIZATIONS:** | |
|  | 02 Marks each company/letter | **10 Marks** |
| G. | **FINANCIAL POSITION:** | |
|  | 1. Audited Balance Sheet (last two Years) 05 Marks 2. Bank Account Statement (last Six Months) 06 Marks 3. Bankers Certificate 04 Marks 4. Minimum Annual turnover Rs40M each year for last 2 years. 10 Marks | **25 Marks** |
| H. | **DISQUALIFICATIONS:** | |
|  | * + 1. Firms which are not registered with Pakistan Engineering Council, NTN Income Tax (FBR), P.S.T. (PRB), etc.     2. Firms black listed by any Government, Semi Govt. Corporation, Multinational and Private Companies. |  |

**STATE LIFE INSURANCE CORPORATION OF PAKISTAN**

**CRITERIA EVALUATION/ POST-QUALIFICATION ASSESSMENT SHEET**

Subject: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 60KVA DIESEL GENERATOR SETAT STATE LIFE JHELUM ZONE, JHELUM.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. #** | **Name of Contractor** | **Company Profile** | **Experience Work Completed** | **Experience Work in Progress** | **Certifications**  ISO 9000  ISO 14000 | **Technical Staff Strength** | **List of Qualified**  **Enlistments** | **Financial Statement/**  **Bank Certifications etc.** | **Marks Obtained** | **Remarks** |
| **1** |  | **10** | **15** | **15** | **10** | **15** | **10** | **25** | **100** |  |
| **2** |  |  |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |  |  |
| **6** |  |  |  |  |  |  |  |  |  |  |
| **7** |  |  |  |  |  |  |  |  |  |  |
| **8** |  |  |  |  |  |  |  |  |  |  |

**Note:** Criteria of Post-qualification = **Minimum 70 Marks**.

Committee Members: