



Fiji Electricity Authority

Tender No: MR 153/2017

**Supply of Major Overhaul Part for CAT3516 at
Labasa Power Station**

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SECTION A: Invitation for Tenders

SUPPLY OF CATERPILLAR 3516 GENERATOR OVERHAUL PARTS

Fiji Electricity Authority invites sealed tenders for supply of Spare parts whose specification are detailed in this Tender

Interested bidders may obtain Tender Document at the:

Supply Chain Office
Fiji Electricity Authority
Head Office
2 Marlow Street, Suva
Contact: 322 4360 / 999 1587

All tenders shall submit all documents required including spares pricing as per price template.

During evaluation of tenders, the Authority will invite a tenderer or tenderers for discussions, presentations and necessary clarification before awarding of the contract

The tender submissions close on the 19th July 2017

SECTION B: Instruction to Tenderers

Introduction

1. Eligible Tenderers

- 1.1 This Invitation for Tenders is open to all tenderers. The successful tenderer shall complete the supply of goods by the intended completion date specified in the tender document.
- 1.2 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices.

2. Cost of Tendering

- 2.1 The Tenderer shall bear all costs associated with the preparation and submission of its tender, and Fiji Electricity Authority, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

The Tender Document

3. Contents

- 3.1 The tender document comprises the document listed below and addenda issued in accordance with Clause 5 of the Instructions to Tenderers
 - a) Invitation for Tenders
 - b) Instructions to Tenderers
 - c) General Conditions of Contract
 - d) Special Conditions of Contract
 - e) Technical Specifications and Price Schedules f)
 - Tender Form
- 3.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender document. Failure to furnish all information required by the tender document or to submit a tender not substantially responsive to the tender document in every respect will be at the tenderer's risk and may result in the rejection of its tender.

4. Clarification of Tender Document

- 4.1 A prospective tenderer requiring any clarification of the tender document may notify:

Mr. Tuvitu Delairewa in writing: General
Manager Corporate Services Fiji
Electricity Authority
2 Marlow Street, Suva Fiji
Phone: 679 322 4185
Email: TDelairewa@fea.com.fj

5. Amendment of Tender Document

- 5.1 At any time prior to the deadline for submission of tenders, Fiji Electricity Authority, for any reason whether at its own initiative or in response to a clarification requested by a prospective tender, may modify the tender document by amendment.
- 5.2 All prospective tenderers that have received the tender document will be notified of the amendment in writing and will be binding on them.
- 5.3 In order to allow prospective tenders reasonable time to take the amendment into account in preparing their tenders, Fiji Electricity Authority at its direction, may extend the deadline for the submission of tenders.

Preparation of Tenders

6. Language of Tender

- 6.1 The tender prepared by the tenders, as well all correspondence and document relating to the tender exchanged by the tender and Fiji Electricity Authority, shall be written in English.

7. Document Comprising the Tender

- 7.1 The tender prepared by the tenderer shall comprise the following components:
 - a) A tender Form and Price Schedule completed in accordance with Clauses 8, 9 and 10 below; refer to Schedule A for Price Schedule template

8. Tender Form

- 8.1 The tenderer shall complete the Tender Form and the Price Schedule furnished in the tender document, indicating the goods to be supplied, a brief description of the goods their country of origin, quantity and prices.

9. Tender Prices

- 9.1 The tenders shall indicate on the appropriate Price Schedules the unit prices and the total tender price of the goods it produces to supply under the contract
- 9.2 For local suppliers, prices indicated on the Price Schedule shall be Delivered and Duty Paid (DDP) to Fiji Electricity Authority Stores, Kinoya.
- 9.3 For foreign suppliers, prices indicated on the Price Schedule shall be Delivery Duty Unpaid (DDU) to Suva Port, Fiji Islands for sea freight and Nadi Airport, Fiji Islands for airfreight.
- 9.4 Bidders are requested to submit prices for both delivery modes Air freight and Sea freight.
- 9.5 Prices quoted by the tenderer shall be fixed during the tender's performance of the contract and not subject to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to Clause 21.

10. Tender Currencies

- 10.1 Prices shall be quoted in Fijian Dollars or in other freely convertible currency.

11. Good's Eligibility and Conformity to Tender Documents

- 11.1 The tenders shall furnish, as part of its tender, documents establishing the eligibility and conformity to the tender documents of all goods, which the tenderer proposes to supply under the contract.
- 11.2 The documentary evidence of the eligibility of the goods shall consists of a statement in the Price Schedule of the country of origin of the goods offered, which shall confirmed by a certificate of origin issued at the time of shipment.
- 11.3 The documentary evidence of conformity of the goods to the tender documents may be in the form of literature, drawings and data, and shall consist of:
- a) A detailed description of the essential technical and performance characteristics of goods;
 - b) A clause-by-clause commentary on Fiji Electricity Authority's Technical Specifications demonstrating substantial responsiveness of the goods to those specifications, or a statement of deviation and exceptions of the Technical Specifications.

12. Validity of Tenders

- 12.1 Tenders shall remain valid for 90 days. A tender valid for a shorter period shall be considered as non-responsiveness.
- 12.2 In exceptional circumstances, Fiji Electricity Authority may solicit the tenderer's consent to an extension of the period of validity. The request and the response thereto shall be made in writing (email). A tenderer granting the request will not be required nor permitted to modify the tender.

13. Format and Signing of Tender

- 13.1 The tenderer shall prepare an original and **two (2) copies** of the tender, clearly marking "**ORIGINAL TENDER**" and "**COPY OF TENDER**" as appropriate. In the event of any discrepancy between them, the original shall govern.
- 13.2 The original and copy of the tender shall be typed or written in indelible ink and shall be signed by the tenderer or a person or persons duly authorized to bind the tenderer to the contract.
- 13.3 The tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the tenderer, in which case such corrections shall be initialed by the person or persons signing the tender.

Submission of Tenders

14. Sealing and Marking of Tenders

14.1 The tenderer shall seal the original and copies of the tender in separate envelopes, duly marking the envelopes as “**ORIGINAL**” and “**COPY**”. The envelopes shall then be sealed in an outer envelope.

14.2 The inner and outer envelopes shall: (a)

be addressed to:
The Secretary Tender Committee
2 Marlow Street
Suva
FIJI.
Phone: 679 3224 185
Facsimile: 679 331 1882
Email: TDelairewa@fea.com.fj

(b) Bear the following Identification, “**MR 153/2017 – SUPPLY OF MAJOR OVERHAUL PARTS FOR CAT3516 GENERATOR FOR FEA’s LABASA POWER STATION**”

14.3 The inner envelopes shall also indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared “late”.

14.4 If the outer envelope is not sealed and marked as required by Clause 15.2, Fiji Electricity Authority will assume no responsibility for the tender’s misplacement or premature opening.

15. Deadline for Submission of Tenders

15.1 Tenders must be received by Fiji Electricity Authority on **Wednesday 19th July 2017, no later than 4:00pm.**

15.2 Fiji Electricity Authority may, at its discretion, extend this dead line for the submission of tenders by amending the tender document in accordance with clause 5, in which case all rights and obligations of Fiji Electricity Authority and tenderers previously subject in the deadline will thereafter be subject to the deadline as extended

16. Modification and Withdrawal of Tenders

16.1 The tenderer may modify or withdraw its tender after the tender’s submission, provided that written notice of the modification, including substitution or withdrawal of the tenders, is received by Fiji Electricity Authority prior to the deadline prescribed for submission of tenders.

16.2 The tenderer’s modification or withdrawal notice shall be prepared, sealed, marked, and

dispatched in accordance with the provisions of Clause 15. A withdrawal notice may also be sent by cable, but followed by a signed confirmation copy, postmarked no later than the deadline for submission of tenders.

16.3 No tender will be modified after the deadline for submission of tenders.

16.4 No tender will be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified by the tenderer on the Tender Form.

Opening and Evaluation of Tenders

17. Opening of Tenders

17.1 Fiji Electricity Authority will open all tenders with the presence of Fiji Electricity Authority nominated Tender Committee, without presence of the bidder's representative.

17.2. Each member of the tender committee will initial tender pages of the tender documents and record total price tendered before submitting to the Tender Evaluation Committee for further evaluation.

18. Clarification of Tenders

18.1 To assist in the examination, evaluation and comparison of tenders Fiji Electricity Authority at its discretion, may ask the tenderer for a clarification of its tender. The request for clarification and the response shall be in writing, and no change in the prices or substance of the tender shall be sought, offered, or permitted.

Any effort by the tenderer to influence Fiji Electricity Authority in its decision on tender evaluation tender comparison or contract award may result in the rejection of the tenderer's tender.

19. Preliminary Examination

19.1 Fiji Electricity Authority will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed, and whether the tenders are generally in order.

19.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the 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. If the tenderer does not accept the correction of the errors, its tender will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

19.3 Fiji Electricity Authority may waive any minor informality or non-conformity or irregularity in a tender which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any tenderer.

19.4 Prior to the detailed evaluation, pursuant to Clause 21, Fiji Electricity Authority will determine the substantial responsiveness of each tender to the tender document. For

purposes of these paragraphs, a substantially responsive tender is one, which conforms to all the terms and conditions of the tender document without material deviation. Fiji Electricity Authority's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

- 19.5 If a tender is not substantially responsive, it will be rejected by Fiji Electricity Authority and may not subsequently be made responsive by the tenderer by correction of the nonconformity.

20. Evaluation and Comparison of Tenders

- 20.1 Fiji Electricity Authority will evaluate and compare the tenders, which have been determined to be substantially responsive, pursuant to clause 18.
- 20.2 Fiji Electricity Authority's evaluation of a tender will exclude and not take into account any allowance for the price adjustment during the period of execution of the contract, if provided in the tender.
- 20.3 Fiji Electricity Authority's evaluation of a tender will take into account, in addition to the tender price and the price of incidental services, the following factors:
- a) Compliance to Instruction to Tenderers pursuant to Clauses 1.1 and 1.2;
 - b) Compliance to the tender requirements pursuant to Clauses 11, 12 and 13;
 - c) Compliance to the technical specifications;
 - d) Compliance with Section E notes 1, 2,3,4,5, 6, 7 and 8;
 - e) Tender validity of not less than 90 days;
 - f) Delivery period offered in the tender. The delivery period should not exceed 8 weeks (Two month) after the date of signing the Contract;
 - g) Documentary proof of successful delivery of similar assignment deviation in payment schedule from that specified in the Special Conditions of Contract
 - h) Documentary proof of successful delivery of similar assignment.

21. Contacting Fiji Electricity Authority

- 21.1 Subject to Clause 18, no tenderer shall contact Fiji Electricity Authority on any matter relating to its tender, from the time of the tender opening to the time the contract is awarded.
- 21.2 Any effort by a tenderer to influence Fiji Electricity Authority in its decisions on tender evaluation, tender comparison, or contract award may result in the rejection of the tenderer's tender.

Award of Contract

22. Award Criteria

- 22.1 Subject to Clauses 9, 21 and 25 Fiji Electricity Authority will award the contract to the successful tenderer(s) whose tender has been determined to be substantially responsive and has been determined to be the lowest **evaluated** tender.

23. Fiji Electricity Authority's Right to Vary Quantity

- 23.1 Fiji Electricity Authority reserves the right at the time of contract award to increase or decrease the quantity of goods originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

24. Fiji Electricity Authority's Right to accept or reject any or All Tenders

- 24.1 Fiji Electricity reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for its action.

25. Notification of Award

- 25.1 Prior to the expiration of the period of tender validity, Fiji Electricity Authority will notify the successful tenderer in writing that its tender has been accepted.

26. Signing of Contract

- 26.1 At the same time as Fiji Electricity Authority notifies the successful tenderer that its tender has been accepted, Fiji Electricity Authority will send the tenderer the Contract document incorporating all agreements between the parties.
- 26.2 Within five (5) working days of receipt of the Contract document, the successful tenderer shall sign and date the contract and return it to Fiji Electricity Authority

27. Corrupt or Fraudulent Practices

- 27.1 Fiji Electricity Authority requires that tenderers observe the highest standard of ethics during the Procurement process and execution of contracts. In pursuance of this policy, Fiji Electricity Authority:-

a) Defines, for the purposes of this provision, the terms set forth below as follows:

- I. *"corrupt practice"* means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
- II. *"fraudulent practice"* means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of Fiji Electricity Authority, and includes collusive practice among tenderers (prior to or after tender submission) designed to establish tender prices at artificial noncompetitive levels and to deprive Fiji Electricity Authority of the benefits of free and open competition;

b) Will reject a proposal for award if it determines that the tenderer recommended for award

has engaged in corrupt or fraudulent practices in competing for the contract in question

- c) Will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded any contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract.

27.2 Furthermore, tenderers shall be aware of the provision stated in the General Conditions of Contract.

Section C: General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

- a) "The Contract" means the agreement entered into between Fiji Electricity Authority 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.
- b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- c) "The Supplier" means the individual or firm supplying the goods under this Contract.
- d) "The Goods" means all of the equipment, machinery, and/or other materials, which the Supplier is required to supply to Fiji Electricity Authority under this Contract.

2. Application

2.1 These General Conditions shall apply in all Contracts made by Fiji Electricity Authority for the procurement of goods.

3. Country of Origin

- 3.1 For purposes of this Clause, "origin" means the place where the Goods were manufactured or produced.
- 3.2 The origin of the Goods is distinct from the nationality of the Supplier.

4. Standards

4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.

5. Use of Contract Documents and Information

5.1 The Supplier shall not, without Fiji Electricity'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 Fiji Electricity Authority in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract.

- 5.2 The Supplier shall not, without Fiji Electricity Authority's prior written consent, make use of any document or information enumerated in Clause 5.1 above.
- 5.3 Any document, other than the Contract itself, enumerated in Clause 5.1 shall remain the property of Fiji Electricity Authority and shall be returned (all copies) to Fiji Electricity Authority on completion of the Supplier's performance obligations under the Contract if so required by Fiji Electricity Authority.

6. Patent Rights

- 6.1 The Supplier shall indemnify Fiji Electricity Authority 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 Fiji.

7. Packing

- 7.1 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.
- 7.2 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.

8. Delivery and Documents

- 8.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified by Fiji Electricity Authority in its Schedule of Requirements and the Special Conditions of Contract.
- 8.2 The supplier shall provide both Air Freight Charges and Sea Freight Charges

9. Insurance

- 9.1 The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner specified in the Special Conditions of Contract.

10. Warranty

- 10.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and 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, workmanship, or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country.
- 10.2 This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated

in the Contract.

- 10.3 Fiji Electricity Authority shall promptly notify the Supplier in writing of any claims arising under this warranty
- 10.4 Upon receipt of such notice, the Supplier shall, within a period of 30 days, and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to Fiji Electricity Authority.
- 10.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in 10.4 above, within a reasonable period, Fiji Electricity Authority 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 Fiji Electricity Authority may have against the Supplier under the Contract.

11. Payment

- 11.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in Special Conditions of Contract.
- 11.2 Payments shall be made promptly by Fiji Electricity Authority as specified in the Contract.

12. Prices

- 12.1 Prices charged by the Supplier for Goods delivered under the Contract shall not, with the exception of any price adjustments authorized in Special Conditions of Contract, vary from the prices quoted by the Supplier in its tender.

13. Assignment

- 13.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with Fiji Electricity Authority's prior written consent.

14. Subcontracts

- 14.1 The Supplier shall notify Fiji Electricity Authority in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in the original tender or later, shall not relieve the Supplier from any liability or obligation under the Contract.

15. Termination for Default

- 15.1 Fiji Electricity Authority may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, terminate this Contract in whole or in part:
 - a) If the Supplier fails to deliver the Goods within the period(s) specified in the Contract, or within any extension thereof granted by Fiji Electricity Authority.
 - b) If the Supplier fails to perform any other obligation(s) under the Contract.

- c) If the Supplier, in the judgment of Fiji Electricity Authority has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

- 15.2 In the event Fiji Electricity Authority terminates the Contract in whole or in part, it may procure, upon such terms and in such manner, as it deems appropriate, Goods similar to those undelivered, and the Supplier shall be liable to Fiji Electricity Authority for any excess costs for such Goods

16. Liquidated Damages

- 16.1 If the Supplier fails to deliver the Goods within the period(s) specified in the Contract, Fiji Electricity Authority shall, without prejudice to its other remedies under the Contract,

17. Resolution of Disputes

- 17.1 Fiji Electricity Authority and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 17.2 If, after thirty (30) days from the commencement of such informal negotiations both parties have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to formal mechanisms. These mechanisms include, but are not restricted to, conciliation by a third party, adjudication in an agreed national or international forum, and/or international arbitration.

18. Language and Law

- 18.1 The language of the Contract and the law governing the Contract shall be English language and the Laws of Fiji respectively unless otherwise stated.

19. Force Majeure

- 19.1 The Supplier shall not be liable for forfeiture of termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

Section D: Special Conditions of Contract

1. Definitions

The Purchaser is Fiji Electricity Authority, **2 Marlow Street, Private Mail Bag, Suva**, and includes its legal representatives, successors or assigns.

2. Application

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.

3. Proof of Successful Completion of Previous Similar Contracts

Tenderers shall provide proof of successful completion within the stipulated delivery period of similar contracts undertaken in the past.

4. Delivery Period

The Goods shall be delivered within 8 weeks after the date of contract award. Delivery must be for a complete schedule. Partial delivery shall not be accepted.

5. Payment Terms and Conditions

Local Suppliers

Fiji Electricity Authority's payment terms are 30 days upon receipt of certified invoices and delivery notes confirming that the invoiced material has been delivered and are in accordance with the contract. Payment shall be made through Fiji Electricity Authority's cheque or telegraphic transfer for the amount of contract. The terms shall be:-

- I. Strictly Delivered and Duty Paid (DDP) to Fiji Electricity Authority Kinoya Stores, Suva.

Foreign Suppliers

Payment shall be through an LC under the following conditions:-

- I. Payment shall be effected upon presentation of a complete set of documents to the advising bank as will be stipulated in the Letter of Credit
- II. The Supplier shall be required to meet all LC bank charges incurred country; while Fiji Electricity Authority will meet those incurred in Fiji.
- III. Any extension and or amendment charges and other costs that may result in the Supplier's delays, requests, mistakes or occasioned howsoever Supplier shall be to the Supplier's account.
- IV. The number of LC extensions shall be limited to a maximum of two (2) only but not exceeding one quarter (3 months) each, at the cost of the Supplier.

- V. Should the Supplier require a confirmed LC, then all confirmation and any related charges levied by both the Supplier's and Fiji Electricity Authority's bank shall be to the Supplier's account.
- VI. The LC shall be opened only for the specific order within the validity period of the contract.
- VII. LCs shall be partial for partial deliveries or full for one delivery as contract.
- VIII. The Supplier shall be required to submit a Proforma Invoice for each schedule for use in the placement of order and opening of the LC. The Proforma Invoice shall be on total Cost and Freight (CFR) basis showing the charges separately from the Free on Board (FOB) cost. Fiji Electricity Authority will meet freight Insurance cost

Advance Payment

No advance payment is allowed.

6. Prices

Prices shall be fixed during the Supplier's performance of the Contract and not subject to variation on any account.

7. CATERPILLAR Spare Parts Number

Bidders should also take note that some part numbers have changed therefore part number as per Schedule A, may change, however bidders must ensure that all spare parts are quoted. Core charge exchange options can also be added.

Section E: Technical Specification and Price Schedule

1. Notes applicable to Schedules:

1. The Goods to be supplied **must be genuine CATERPILLAR parts**.
2. Bidders must also include price of core charges of certain cores if requested in schedule A. Value of core charges will have to be refunded back to Fiji Electricity Authority once all necessary process has been carried out by the bidder.
3. At times part number had been replaced, changed or upgraded due to modification made by the manufacturer, Fiji Electricity Authority will treat the bid document incomplete if tenderer quotes "*invalid part number*", noting that a genuine supplier will always have the new part number. Tenderer must also give new part numbers for old part numbers that have been replaced, and a statement of surety that this new part numbers will replace old parts without any hindrance to the operation of the engine
4. Relevant descriptive literature of the Goods showing conformity to technical specification shall be provided with the bid.
5. If there is a discrepancy between words and figures, the amount in words shall prevail. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit and quantity, the unit price shall prevail, and the total price shall be corrected.

6. Delivery Period

The delivery period shall be within two (2) months after the date of signing the contract. Delivery must be for a complete schedule. Partial delivery shall not be accepted.

7. Tenders shall provide proof of successful completion (within the stipulated delivery period) of similar undertaken in the past two years.

8. Shipping Mode

Bidders must give both AIR Freight and SEA freight charges as specified in Section D, clause 5.

2. Engine Specification:

Table 1 Engine details

<u>ENGINE</u>	<u>G2</u>	<u>G3</u>	<u>G4</u>
Model #	3516	3516	3516
Serial #	ZAP01446	ZAP01441	ZAP01444
Arrangement #	256 - 0757	256 - 0757	256 - 0757
<u>FULL GEN - SET ASSEMBLY</u>	<u>G2</u>	<u>G3</u>	<u>G4</u>
Serial #	G5Z00665	G5Z00664	G5Z00663
Arrangement #	262 - 8110	262 - 8110	262 - 8110
Generator model	SR4B - GD	SR4B - GD	SR4B - GD

Table 2 Additional details

* Include serial number and Generator part number from generator serial number plate				
when ordering parts and in correspondence.				
Gen S/N: G5Z00663			ESO: DQRZG	G4
Gen S/N: G5Z00664			ESO: DQRZH	G3
Gen S/N: G5Z00665			ESO: DQRZJ	G2

3. Schedule of Requirements

Schedule	Description of materials
A	Major Overhaul Parts for CATERPILLAR 3516 Generator Engines

Schedule on performance to be completed by all Bidders

Past performance of delivery of similar items as per Section B, clause 20.3.

	Types of Spares	Name of Company delivered to	Date of Order	Delivery Time	Fully or partial or not delivered
A	Spare parts for CATERPILLAR 3516 Generator Engines				

4. Schedule of Materials, Quantities And Price

Schedule A – Spare Parts for CATERPILLAR 3516 Generator Overhaul Parts

ITEMS	DESCRIPTION	PART NUMBER	G2	G3	G4	TOTAL QTY
CRANKSHAFT.						
1	Crankshaft bearing	149 - 6031	9	9	9	27
2	Counterweight bolt	128 - 4845	48	48	48	144
3	Thrust plate	7C - 6209	2	2	2	6
4	Plug	2W - 2288	8	8	8	24
5	Seal GP - Crankshaft (CCW RTN)	113 - 8433	1	1	1	3
6	Seal GP - Crankshaft (CW RTN)	113 - 8432	1	1	1	3
CYLINDER BLOCK.						
1	Bolt (7/8 - 14 × 11 - IN)	7X - 7925	36	36	36	108
2	Washer - Hard. (24 × 41.5 × 4mm THK)	5P - 8249	36	36	36	108
3	Liner - cylinder.	211 - 7826	16	16	16	48
4	Band - filler	8N - 4707	16	16	16	48
5	Seal - O - ring	7N - 2046	48	48	48	144
6	Plug	4W - 4813	2	2	2	6
7	Seal - O - ring	8T - 2929	4	4	4	12
8	Seal - O - ring	8T - 2928	4	4	4	12
9	Plug O ring	9S - 4191	6	6	6	18
10	Seal - O - ring	033 - 6042	6	6	6	18
11	Seal - O - ring	153 - 4906	6	6	6	18
12	Plug	2W - 2940	8	8	8	24
13	Seal - O - ring	6V - 3348	8	8	8	24
14	Plug pipe	8T - 6763	26	26	26	78
15	Seal - O - ring	5F - 9657	4	4	4	12
16	Plug manifold	7N - 5641	2	2	2	6
17	Plug pipe	8T - 6762	4	4	4	12
18	Plug pipe	7X - 7731	2	2	2	6
19	Camshaft bearing	101 - 1198	18	18	18	54
20	Seal - O - ring	7X - 4805	3	3	3	9
21	Dowel	197 - 7008	16	16	16	48
22	Seal - O - ring	5P - 0840	32	32	32	96
CYLINDER HEAD.						
1	Gasket plate	144 - 5692	16	16	16	48
2	Seal (WATER)	204 - 5426	64	64	64	192
3	Seal (WATER)	204 - 5427	64	64	64	192
4	Gasket - cylinder head	110 - 6991	16	16	16	48
5	Fastner GP cylinder head	131 - 0420	40	40	40	120
6	Fastner GP cylinder head	131 - 0421	40	40	40	120

ITEMS	DESCRIPTION	PART NUMBER	G2	G3	G4	TOTAL QTY
7	Cylinder Head	242 - 5328	16	16	16	48
8	Gasket kit - cylinder head	355-0769	16	16	16	48
<u>DRIVE GP - FAN - SUCTION</u>						
1	Seal lip type	1J - 4034	1	1	1	3
2	Cup - bearing	6B - 3224	2	2	2	6
3	Cone - bearing	6Y - 7651	2	2	2	6
4	Seal O ring	2M - 4453	1	1	1	3
5	Seal O ring	5F - 3144	1	1	1	3
<u>GEAR GP - FRONT</u>						
1	Washer as - thrust	7C - 3258	1	1	1	3
2	Bearing - sleeve	127 - 5400	1	1	1	3
3	Bearing - sleeve	140 - 9597	1	1	1	3
4	Seal - O - ring	235 - 3546	1	1	1	3
5	Seal - O - ring	235 - 3548	2	2	2	6
6	Bearing - sleeve	127 - 5400	1	1	1	3
7	Seal - O - ring	6V - 3348	1	1	1	3
<u>GEAR GP - REAR</u>						
1	Bearing - sleeve	101 - 1372	1	1	1	3
2	Shaft - gear cluster	101 -1366	1	1	1	3
3	Plate - thrust	101 - 1365	1	1	1	3
4	Bearing - sleeve	125 - 9751	1	1	1	3
5	Shaft - idler	101 - 1367	2	2	2	6
6	Washer - hard	5P - 8248	2	2	2	6
7	Bolt (3/4 - 10×3 - IN)	9X - 8887	2	2	2	6
8	Plate - thrust	4W - 4586	1	1	1	3
9	Washer - thrust	101 - 1368	2	2	2	6
	(19.5×106×1.9mm THK)					
<u>HOUSING GP - FRONT</u>						
1	Gasket	7N - 3049	1	1	1	3
2	Bolt (5/8 - 11×5.5 - IN)	1D - 4593	6	6	6	18
<u>PAN GP - OIL</u>						
1	Gasket - oil pan	7E - 2632	1	1	1	3
2	Seal - O - ring	6V - 5101	1	1	1	3
3	Seal - O - ring	3P - 0654	1	1	1	3
4	Seal - O - ring	125 - 9794	1	1	1	3
5	Seal - O - ring	5P - 7818	1	1	1	3
6	Seal - O - ring	5P - 8872	1	1	1	3
7	Seal - O - ring	7X - 1547	2	2	2	6

<u>ITEMS</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>G2</u>	<u>G3</u>	<u>G4</u>	<u>TOTAL QTY</u>
<u>PISTON & ROD GP</u>						
1	Bolt - connecting rod	7N - 2405	50	50	50	150
2	Bearing - sleeve	118 - 1655	16	16	16	48
3	Bearing - connecting rod	107 - 7330	16	16	16	48
4	Ring - Piston (Intermediate)	144 - 5695	16	16	16	48
5	Ring - Piston (Top)	214 - 6066	16	16	16	48
6	Ring - Piston (Oil)	223 - 6361	16	16	16	48
7	Retainer - Pin	253 - 1238	16	16	16	48
8	Pin - Piston	299 - 5204	10	10	10	30
9	Jet - AS - Piston Cooling	204 - 5447	8	8	8	24
10	Bolt (3/8 - 16×0.625 - IN)	0T - 0102	10	10	10	30
11	Bolt (5/16 - 18×1.375 - IN)	1B - 2790	10	10	10	30
12	Washer (10.2×18.5×2.5 - mm THK)	5M - 2894	10	10	10	30
13	Washer (8.8×16×2 - mm THK)	9M - 1974	10	10	10	30
<u>VALVE GP - EXPLOSION RELIEF</u>						
1	Seal	272 - 0759	4	4	4	12
2	Kit - Repair (Explosion Relief)	2W - 3584	2	2	2	6
<u>VALVE MECHANISM GP</u>						
1	Spring lifter guide	7N - 4782	16	16	16	48
2	Nut - Jam	3J - 9196	16	16	16	48
3	Nut - Jam	317 - 1121	8	8	8	24
4	Retainer Spring	100 - 3877	8	8	8	24
5	Spring injector	100 - 3878	8	8	8	24
6	Push rod - injector	100 - 3879	8	8	8	24
7	Push rod - valve	100 - 3880	16	16	16	48
8	Screw - Adjustment(1/2 - 20×2 - IN)	200 - 2003	16	16	16	48
9	Screw - Adjustment	230 - 2619	8	8	8	24
10	Rocker Arm	230 - 2621	32	32	32	96
11	Shaft AS (Rocker Arm)	230 - 2633	8	8	8	24
12	Seal	240 - 7032	16	16	16	48
13	Lifter AS - Valve	263 - 6674	32	32	32	96
14	Bridge (Inlet)	265 - 7537	16	16	16	48
15	Bridge (Exhaust)	265 - 7538	16	16	16	48
16	Rocker Arm AS	281 - 6159	8	8	8	24
17	Lifter AS - Injector	282 - 7944	16	16	16	48
18	Bolt (3/8 - 16×2.25 - IN)	0L - 2070	20	20	20	60
19	Bolt (3/8 - 16×2 - IN)	0S - 1615	20	20	20	60
20	Washer - Hard	5M - 2894	20	20	20	60
21	Washer - Hard	5P - 0537	20	20	20	60
22	Seal - O - Ring	5P - 7530	16	16	16	48

ITEMS	DESCRIPTION	PART NUMBER	G2	G3	G4	TOTAL QTY
23	Seal - O - Ring	6J - 2245	16	16	16	48
24	Bolt - 12 point head (5/8 - 11×6.5 - IN)	8D - 7942	20	20	20	60
BREATHER GP - Crankcase						
LUBRICATION SYSTEM						
1	Seal - valve cover (Breather)	272 - 0760	4	4	4	12
2	Hose - Tee	272 - 6692	2	2	2	6
3	Seal - O - Ring	033 - 6031	4	4	4	12
4	Bolt (5/16 - 18×1.5 - IN)	1A - 9579	10	10	10	30
5	Washer - Hard (8.8×16×2 - mm THK)	9M - 1974	10	10	10	30
6	Clamp hose	4W - 3034	2	2	2	6
7	Clamp hose	5P - 0597	2	2	2	6
8	Clamp hose	180 - 3007	2	2	2	6
FILTER GP - ENGINE OIL - LH						
LUBRICATION SYSTEM						
1	Ring - retaining	8N - 1991	1	1	1	3
2	Retainer	8N - 1992	2	2	2	6
3	Clamp AS	100 - 8075	2	2	2	6
4	Ring - retaining	111 - 3820	2	2	2	6
5	Seal - O - Ring	109 - 2332	4	4	4	12
6	Seal - O - Ring	6V - 3907	4	4	4	12
7	Seal - O - Ring	5P - 4892	6	6	6	18
8	Seal - O - Ring	6V - 8001	1	1	1	3
9	Filter Element	1R - 0726	3	3	3	9
LINES GP - ENGINE OIL - COOLER						
LUBRICATION SYSTEM						
1	Spring	2W - 1635	1	1	1	3
2	Spring	6B - 9202	2	2	2	6
3	Seal - O - Ring	061 - 9456	4	4	4	12
4	Seal - O - Ring	109 - 2332	6	6	6	18
5	Seal - O - Ring	3P - 0655	3	3	3	9
6	Seal - O - Ring	5P - 4892	3	3	3	9
7	Seal - O - Ring	5P - 5846	1	1	1	3
8	Seal - O - Ring	5P - 7817	1	1	1	3
9	Seal - O - Ring	6V - 3908	1	1	1	3
10	Seal - O - Ring	6V - 4589	3	3	3	9
11	Seal - O - Ring	6V - 5048	2	2	2	6
12	Plug - O - Ring	9S - 4182	1	1	1	3
13	Plug - O - Ring	9S - 4190	3	3	3	9
LINES GP - TURBOCHARGER OIL						
LUBRICATION SYSTEM						
1	Seal - O - Ring	5P - 9890	8	8	8	24
2	Gasket - Oil - Drain	1S - 4810	4	4	4	12
3	Gasket - Oil - Drain	2W - 0752	4	4	4	12

ITEMS	DESCRIPTION	PART NUMBER	G2	G3	G4	TOTAL QTY
4	Seal - O - Ring	6V - 4589	1	1	1	3
5	Gasket	8H - 9788	4	4	4	12
6	Grommet	100 - 3237	28	28	28	84
7	Seal - O - Ring	8L - 2786	4	4	4	12
<u>PUMP GP - ENGINE OIL</u>						
<u>LUBRICATION SYSTEM</u>						
1	Bearing - Sleeve	1W - 6005	6	6	6	18
2	Dowel - Hollow	4M - 3248	2	2	2	6
3	Dowel	7N - 2043	2	2	2	6
4	Spring	107 - 7175	1	1	1	3
5	Gasket	7N - 5057	1	1	1	3
6	Spool - pressure relief	7N - 5449	1	1	1	3
7	Gasket	111 - 1349	1	1	1	3
8	Shaft AS - Oil pump drive (12 teeth)	106 - 9869	1	1	1	3
9	Shaft AS - Idler (12 teeth)	106 - 9867	2	2	2	6
10	Seal - O - Ring	298 - 6387	1	1	1	3
<u>REGULATOR GP - OIL LEVEL</u>						
<u>LUBRICATION SYSTEM</u>						
1	Elbow - Flared	7D - 8793	1	1	1	3
2	Valve Check	7W - 4979	1	1	1	3
3	Valve - ball (Shutoff, oil)	169 - 7326	1	1	1	3
4	Connector	032 - 1267	1	1	1	3
5	Elbow	2N - 8037	1	1	1	3
6	Bushing - Reducing	3B - 7255	1	1	1	3
7	Connector	8L - 3282	1	1	1	3
8	Hose AS	113 - 9001	1	1	1	3
9	Elbow flared	6K - 9194	1	1	1	3
10	Connector	7D - 5363	1	1	1	3
<u>CONNECTION GP - WATER</u>						
<u>COOLING SYSTEM</u>						
1	Gasket.	1S - 5772	2	2	2	6
2	Gasket.	7E - 6016	2	2	2	6
3	Bolt (3/8 - 16×2 - IN)	0S - 1590	16	16	16	48
4	Washer - Hard (10.2×18.5×2.5mm THK)	5M - 2894	30	30	30	90
5	Nut - Full (3/8 - 16 - THD)	9S - 8752	16	16	16	48
6	Bolt (3/8 - 16×1 - IN)	0S - 1594	16	16	16	48
<u>COOLER GP - ENGINE OIL</u>						
<u>COOLING SYSTEM</u>						
1	Gasket.	247 - 3796	2	2	2	6
2	Seal - O - Ring	109 - 2332	2	2	2	6
3	Plug - O - ring	9S - 4185	1	1	1	3
4	Seal - O - Ring	8L - 2786	1	1	1	3

<u>ITEMS</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>G2</u>	<u>G3</u>	<u>G4</u>	<u>TOTAL QTY</u>
<u>FAN GP - BLOWER</u>		<u>COOLING SYSTEM</u>				
1	Bolt (1/2 - 13×2 - IN)	8T - 4835	6	6	6	18
2	Washer - Hard (13.5×25.5×3 - mm THK)	8T - 4223	6	6	6	18
<u>GUARD GP - FAN</u>		<u>COOLING SYSTEM</u>				
1	Bolt (3/8 - 16×1 - IN)	4L - 6454	20	20	20	60
2	Washer - Hard (10.2×22.5×3 - mm THK)	5P - 1075	20	20	20	60
<u>HOUSING & REGULATOR GP</u>		<u>COOLING SYSTEM</u>				
1	Regulator water temperature (92°C)	6I - 4950	4	4	4	12
2	Gasket - Housing Cover	7N - 4927	1	1	1	3
3	Gasket	4W - 3100	1	1	1	3
4	Bolt (3/8 - 16×1 - IN)	0S - 1594	2	2	2	6
	Washer - Hard	5M - 2894	4	4	4	12
5	Seal - Lip - Type	3S - 9643	4	4	4	12
6	Plug - O - Ring	9S - 4182	1	1	1	3
	Seal - O - Ring	6V - 9027	1	1	1	3
<u>HOUSING & REGULATOR GP - AFTERCOOLER</u>		<u>COOLING SYSTEM</u>				
1	Seal - Lip - Type	3S - 9643	2	2	2	6
2	Seal - O - Ring	6V - 1454	2	2	2	6
3	Regulator - Water Temperature (30°C)	219 - 3240	2	2	2	6
4	Seal - O - Ring	3K - 0360	2	2	2	6
5	Plug - O - Ring	9S - 8005	2	2	2	6
<u>LINES GP - COOLANT</u>		<u>COOLING SYSTEM</u>				
1	Joint AS	5P - 0054	2	2	2	12
	(Each Includes)					
	Seal	9X - 7340	2	2	2	12
2	Ring - Retaining	4W - 0530	2	2	2	6
3	Retainer	4W - 0531	4	4	4	12
4	Seal - O - Ring	6V - 3835	1	1	1	3
5	Joint AS - Tube	319 - 5890	1	1	1	3
	Seal	319 - 5889	2	2	2	6
6	Joint AS - Tube	216 - 2285	3	3	3	9
	(Each Includes)					
	Seal	127 - 4230	1	1	1	3
7	Seal - O - Ring	8T - 1919	2	2	2	6
8	Gasket	9Y - 6893	2	2	2	6
9	Bolt (3/8 - 16×6 - IN)	8C - 7323	2	2	2	6
<u>LINES GP - WATER - BY PASS</u>		<u>COOLING SYSTEM</u>				

<u>ITEMS</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>G2</u>	<u>G3</u>	<u>G4</u>	<u>TOTAL QTY</u>
1	Seal - O - Ring	5P - 6302	1	1	1	3
2	Seal - O - Ring	6V - 6809	1	1	1	3
3	Bolt (3/8 - 16×1 - IN)	0S - 1594	10	10	10	30
4	Seal - O - Ring	6V - 5066	2	2	2	6
5	Ring Retaining	8N - 3640	2	2	2	6
6	Retainer	8N - 3639	4	4	4	12
7	Washer - Hard (10.2×18.5×2.5 - mm THK)	5M - 2894	4	4	4	12
8	Gasket	1S - 5772	1	1	1	3
9	Bolt (3/8 - 16×2.25 - IN)	0L - 2070	2	2	2	6
	<u>LINES GP - WATER - UPPER</u>	<u>COOLING SYSTEM</u>				
1	Bolt (3/8 - 16×1 - IN)	0S - 1594	32	32	32	96
2	Seal - O - Ring	6V - 9769	16	16	16	48
3	Bolt (5/16 - 18×1.25 - IN)	1B - 7182	30	30	30	90
4	Gasket	7N - 3368	2	2	2	6
5	Gasket	243 - 2288	6	6	6	18
6	Seal - Integral	127 - 2176	16	16	16	48
7	Bolt (5/16 - 18×1 - IN)	0S - 1618	30	30	30	90
8	Washer - Hard (8.8×16×2 - mm THK)	9M - 1974	30	30	30	90
9	Gasket	241 - 5928	16	16	16	48
10	Gasket	122 - 8856	2	2	2	6
11	Seal - O - Ring	6V - 9027	2	2	2	6
	<u>LINES GP - WATER - AFTERCOOLER</u>	<u>COOLING SYSTEM</u>				
1	Seal - O - Ring	8T - 1919	6	6	6	18
2	Gasket	230 - 1072	2	2	2	6
3	Seal - O - Ring	3J - 7354	4	4	4	12
4	Gasket	4N - 1320	1	1	1	3
5	Washer - Hard (10.2×18.5×2.5 - mm THK)	5M - 2894	15	15	15	45
6	Seal - O - Ring	6J - 2680	5	5	5	15
7	Retainer	4W - 0531	8	8	8	24
8	Ring - Retaining	4W - 0530	4	4	4	12
8	Gasket	3P - 6061	1	1	1	3
10	Seal	9X - 7523	2	2	2	6
11	Seal - O - Ring	4F - 7387	1	1	1	3
12	Seal - O - Ring	5B - 4399	1	1	1	3
13	Gasket	9Y - 6893	2	2	2	6
	<u>LINES GP - WATER - LOWER</u>	<u>COOLING SYSTEM</u>				
1	Gasket	4N - 1320	2	2	2	6
2	Gasket	7N - 4932	1	1	1	3
3	Gasket	7N - 4945	1	1	1	3
4	Gasket	230 - 1072	1	1	1	3

ITEMS	DESCRIPTION	PART NUMBER	G2	G3	G4	TOTAL QTY
5	Seal - O - Ring	6V - 1454	2	2	2	6
6	Seal - O - Ring	6V - 5066	5	5	5	15
7	Seal - O - Ring	6V - 6609	2	2	2	6
<u>PUMP GP - WATER</u> <u>COOLING SYSTEM</u>						
1	KIT - REBUILD (WATER PUMP)	222 - 5152	1	1	1	3
<u>AFTERCOOLER GP - TREATED WATER</u> <u>AIR INLET AND EXHAUST SYSTEM</u>						
1	Seal (Aftercooler)	107 - 3758	4	4	4	12
2	Plug - O - Ring	9S - 4182	1	1	1	3
<u>AIR CLEANER GP - SINGLE ELEMENT</u> <u>AIR INLET AND EXHAUST SYSTEM</u>						
1	Filter Element	208 - 9065	2	2	2	6
2	Indicator - Air filter Service	6I - 2933	2	2	2	6
3	Clamp - Hose	5P - 0600	2	2	2	6
4	Clamp - Hose	5P - 4869	2	2	2	6
5	Hose	209 - 4451	2	2	2	6
<u>LINES GP - AIR - TURBOCHARGER</u> <u>AIR INLET AND EXHAUST SYSTEM</u>						
1	Shield AS	321 - 5895	4	4	4	12
2	Clamp - Hose	5P - 3860	6	6	6	18
3	Clamp - Hose	5P - 4869	2	2	2	6
4	Hose - Reducer	8N - 5254	2	2	2	6
5	Hose	162 - 2177	2	2	2	6
6	Locknut (3/8 - 16 - THD)	2K - 4973	8	8	8	24
7	Bolt (3/8 - 16×1.375 - IN)	3B - 1915	8	8	8	24
8	Nut - Full (3/8 - 16 - THD)	9S - 8752	8	8	8	24
9	Washer - Hard (10.2×22.5×3 - mm THK)	9X - 6458	24	24	24	72
<u>LINES GP - TURBOCHARGER AIR - AFTERCOOLER</u> <u>AIR INLET AND EXHAUST SYSTEM</u>						
1	Bolt - High Temperature (3/8 - 16×1.125 - IN)	6V - 1943	8	8	8	24
2	Washer - Hard (10.2×18.5×2.5 - mm THK)	5M - 2894	168	16	16	504
3	Gasket - Manifold	7N - 5080	16	16	16	48
4	Bolt (3/8 - 16×0.75 - IN)	0S - 0509	20	20	20	60
5	Bolt (3/8 - 16×1 - IN)	0S - 1594	12	12	12	36
6	Seal - O - Ring	109 - 7411	4	4	4	12
7	Bolt (3/8 - 16×1.125 - IN)	1A - 2029	10	10	10	30
8	Bolt - 12 point head (3/8 - 16×1.25 - IN)	1T - 0720	32	32	32	96
9	Seal - O - Ring	4S - 5898	16	16	16	48
10	Seal - O - Ring	5D - 5957	4	4	4	12
11	Seal - O - Ring	5P - 8940	3	3	3	9
12	Seal - O - Ring	6V - 3917	16	16	16	48

ITEMS	DESCRIPTION	PART NUMBER	G2	G3	G4	TOTAL QTY
13	Seal - O - Ring	6V - 5101	16	16	16	48
14	Bolt (3/8 - 16×8.5 - IN)	9F - 2773	12	12	12	36
<u>TURBOCHARGER GP</u>						
<u>AIR INLET AND EXHAUST SYSTEM</u>						
1	Clamp AS (Compressor)	7W - 2297	4	4	4	12
2	Clamp AS (Turbine)	9N - 2038	4	4	4	12
3	Cartridge GP - Turbocharger	289 - 0372	4	4	4	12
4	Gasket	121 - 5736	4	4	4	12
5	Gasket - Exhaust Manifold	7W - 8145	16	16	16	48
<u>COOLER GP - FUEL</u>						
<u>FUEL SYSTEM</u>						
1	Block Mounting	247 - 1270	8	8	8	24
2	Locknut (M8×1.25 THD)	131 - 3540	8	8	8	24
3	Washer - Hard (8.8×16×2 - mm THK)	8T - 4224	16	16	16	48
4	Bolt (M8×1.25×70 - mm)	8T - 6870	8	8	8	24
5	Elbow - Pipe	006 - 5707	2	2	2	6
<u>FILTER GP - FUEL - RH</u>						
<u>FUEL SYSTEM</u>						
1	Seal - O - Ring	6V - 5048	5	5	5	15
2	Seal - O - Ring	5D - 5957	2	2	2	6
3	Filter Element	IR - 0756	5	5	5	15
4	Seal - O - Ring	6V - 4589	1	1	1	3
5	Gasket (Fuel Filter)	9Y - 8389	1	1	1	3
6	Seal - O - Ring	6V - 5049	1	1	1	3
7	Seal - O - Ring	8L - 2786	1	1	1	3
<u>LINES GP - FUEL INJECTION</u>						
<u>FUEL SYSTEM</u>						
1	Seal - O - Ring	6V - 4589	9	9	9	27
2	Seal - O - Ring	6V - 5048	1	1	1	3
3	Seal - O - Ring	6V - 5049	33	33	33	99
4	Seal - O - Ring	238 - 5080	1	1	1	3
5	Seal - Rectangular	7N - 6806	4	4	4	12
6	Seal - O - Ring	8L - 2786	1	1	1	3
7	Plug - O - Ring	9S - 4182	1	1	1	3
8	Plug - O - Ring	9S - 4191	2	2	2	6
9	Grommet	100 - 3237	10	10	10	30
<u>PUMP GP - FUEL INJECTION</u>						
<u>FUEL SYSTEM</u>						
1	Injector GP - Fuel	230 - 9457	16	16	16	48
2	Seal - O - Ring	245 - 4908	16	16	16	48
3	Seal - O - Ring	245 - 4907	16	16	16	48
4	Plug	234 - 4182	10	10	10	30
5	Bolt (7/16 - 14×3.5 IN)	7F - 8698	10	10	10	30
6	Washer (12×22×9.5 - mm - IN)	7N - 5487	10	10	10	30

ITEMS	DESCRIPTION	PART NUMBER	G2	G3	G4	TOTAL QTY
<u>PUMP GP - FUEL PRIMING</u>		<u>FUEL SYSTEM</u>				
1	Spring	9N - 1752	1	1	1	3
2	Seal - O - Ring	8L - 2786	1	1	1	3
3	Ball	4B - 9782	1	1	1	3
4	Seal - O - Ring	6V - 5049	2	2	2	6
5	Seal - O - Ring	3J - 1907	1	1	1	3
6	Seal - O - Ring	3K - 0360	1	1	1	3
7	Seal - O - Ring	1H - 9696	1	1	1	3
8	Kit - Seal (Kit includes Gasket and Seals)	255 - 8691	1	1	1	3
9	kit - Repair (Gear, Shaft)	255 - 8692	1	1	1	3
	(Kit includes Gear AS, Bushings, and Shaft AS)					

NOTES

- In case of discrepancy between unit and total cost, the unit cost shall prevail
- Documentary evidence to prove that the items offered comply with the Technical Specification must be provided.
- The bids must as per the Technical Specifications in the Tender Documents. Bids that do not conform to the
- Technical Specification will be disqualified
- The currency used in the tender bid prices must be indicated in the tender bid

Section F: Tender Form

To: Mr.Tuvitu Delairewa
General Manager Corporate Services
Fiji Electricity Authority
2 Marlow Street
Private Mail Bag
Suva
Fiji Islands

Sir,

1. Having examined the Tender Document, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply
.....
(Description of Goods) in conformity with the said Tender Document for the sum
.....
..... (total tender amount in words and figures) or such
other sums as may be ascertained in accordance with the Schedule of Prices
attached herewith and made part of this Tender.
2. We undertake, if our Tender is accepted, to deliver the Goods in accordance with the delivery schedule specified in the Schedule of Requirements.
4. We agree to abide by this Tender for a period of 90days from the date fixed for Tender opening under Clause 19 of the Instructions to Tenderers, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Until a formal Contract is prepared and executed, this Tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.
6. We understand that you are not bound to accept the lowest or any Tender you may receive.

Dated this: _____ day of _____ 2015.

[Signature] [In the capacity of]

Duly authorized to sign Tender for and on behalf of

Submission of Tender

Tender Submission - Instruction to bidders

It is mandatory for Bidders to upload a copy of their bid in the **TENDER LINK** Electronic Tender Box no later than **4:00pm, on Wednesday 19th July, 2017**.

To register your interest and tender a response, view 'Current Tenders' at: <https://www.tenderlink.com/fea>

For further information contact The Secretary Tender Committee, by e-mail TDelairewa@fea.com.fj

In additional, hard copies of the tender, one original and one copy must be deposited in the tender box located at the FEA Head Office, 2 Marlow Street, Suva, Fiji no later than **4:00pm, on Wednesday 19th July, 2017**- Addressed as

Tender – MR 153/2017 Supply of Major Overhaul Parts for CAT3516 Generator for FEA's Labasa Power Station.

**The Secretary Tender Committee
Fiji Electricity Authority
Head Office
Suva
Fiji**

- **Hard copies of the Tender bid will also be accepted after the closing date and time provided a soft copy is uploaded in the e-Tender Box and it is dispatched before the closing date and time.**

Tenders received after **4:00pm** on the closing date of **Wednesday 19th July, 2017**

- will not be considered.
- Lowest bid will not necessarily be accepted as successful bid.
- **It is the responsibility of the bidder to pay courier chargers and all other cost associated with the delivery of the hard copy of the Tender submission including any Duties/Taxes. Hard copies of the Tender submission via Post Box will not be considered.**