

Cost Rs. 5000.00
(For Un-Registered Firms)

PAKISTAN RAILWAYS

SPECIAL DIESEL BULLETIN

NO- 18

***FOR DIESEL ELECTRIC
LOCOMOTIVES SPARES***

(Muhammad Yousouf Leghari)
**FOR CHIEF CONTROLLER OF PURCHASE,
PAKISTAN RAILWAYS,
HEAD QUARTERS OFFICE,
LAHORE.**

Fax No. (042)-99203022 (042)-99201760

Ph: No. (042) 99204022 (042)-99201694

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Note: For any clarification the eligible bidders are requested to contact the following:-

Phone No: (042)-99201694
(042)-99204022
Fax No: (042)-99203022
(042)-99201760
Email: dycptechn@gmail.com

7. EARNEST MONEY/SECURITY DEPOSIT

- a) Bidders who are not registered with Chief Controller of Purchase office shall have to deposit earnest money @ 2% of the total bid value along with their bid/quotation.
- b) The Registered firms are exempted from depositing 2% Earnest Money along with their bid/quotation as per scales below (**FOR/FOB basis**) and 5% Security Money against Purchase Order placed on **FOR basis only**.

Sr. No.	Scale	Extent of Standing Security Money Deposited	Total bid value per quotation of a Tender Enquiry and total value of a Purchase order for which exemption from submission of 2% Earnest-Money and 5% Security Money on FOR only, respectively, is admissible.
1	'A'	Rs. 1.00 Million Rs. 2.00 Million Rs. 3.00 Million	NO LIMIT FOR EARNEST MONEY. For Purchase Order on FOR basis valuing more than Rs. 10.00 Million the Contractor will be required to deposit Security Money. For Purchase Order on FOR basis valuing more than Rs. 20.00 Million the Contractor will be required to deposit Security Money. For Purchase Order on FOR basis valuing more than Rs. 50.00 Million the Contractor will be required to deposit Security Money.
2	'B'	Rs.500,000.00	Up to Rs. 5,000,000.00
3	'C'	Rs.200,000.00	Up to Rs. 3,000,000.00
4	'D'	Rs.100,000.00	Up to Rs. 2,000,000.00
5	'E'	Rs.50,000.00	Up to Rs. 1,000,000.00
6	'F'	Rs.10,000.00	Up to Rs. 200,000.00

NOTE

- i) **There shall be no exemption regarding Security Deposit for suppliers on FOB basis. Bidders quoting on FOB basis are required to deposit 5% Security Money in the shape of any Financial Instrument (except cross cheque) or Bank Guarantee from any scheduled bank of Pakistan valid up to the warranty period of the supplies on every individual Purchase Order before opening of Letter of Credit.**
- ii) The contractors who have already deposited Standing Security, valuing more than Rs. 1.000 Million, can reduce their Standing Security with CCP office after due fulfillment of procedural requirements.
- iii) The offer/bid of an unregistered firm will liable to be rejected straight away if the total bid value quoted exceed the limit of submission of 2% Earnest Money along with their quotation or is submitted without earnest money. It can be submitted in the form of:

- Bank Guarantee Bond as per specimen attached.
 - Call Deposit/ Pay Order/Bank Draft.
 - Cash Receipt issued by Chief Cashier & Treasurer, P.R Lahore.
- iv) **In case of certain items and from newly prequalified manufacturing firms, they are liable to furnish up to 10% Performance Bond in addition to 5% Security Money against the Purchase Order placed on them before the opening of LC in case of FOB and before issuance of Purchase order in case of contract on FOR basis.**
- v) Registered firms should indicate their Registration No. with Pakistan Railways and Sales Tax No. in their bids.

8. OTHER IMPORTANT CONDITIONS

- i. Tender conditions must be signed and attached with the offers.
- ii. **Only LP approved firms for local items (FOR) and regular approved firms for FOB (Imported items) are allowed to participate in Diesel Bulletins.**
- No Trial Approval of a firm will be considered.**
- iii. **Warranty Certificate as per Pakistan Railways requirement by the Manufacturer must be signed and attached with the offers.**
- iv. **The suppliers are required to submit Original Proforma Invoice (rates can be concealed / hidden) showing full breakup, i.e., FOB value, sea freight as well as commission to be paid in Pak Currency separately and original Warranty Certificate from Manufacturer at the time of quotation along with Technical Proposals for technical evaluation otherwise their offers can be ignored straightway.**
- v. **The suppliers are also required to submit Original Proforma Invoice and warranty certificates of Manufacturer mentioning clearly the rates offered by them along with their Financial Proposal otherwise their offers can be ignored straightway.**
- vi. **Firms are required to quote shortest delivery period but not more than 6 months on FOB basis except in case of critical items where PR may allow longer delivery period on case to case basis.**
- vii. **Bidders are advised, in their own interest, to submit complete documentations with their offers as per requirements of the bidding documents. In case of incomplete offers, No back reference will be made and the offers will be liable to ignore.**
- viii. Any effort by a bidder to influence Pakistan Railways in the bid evaluation, bid comparison or contract award decision may result in the rejection of its bid.
- ix. If any alternative material or superseded CAT. No. is offered against floated part no., the manufacturer must submit a certificate conforming complete interchangeability, suitability of parts mentioned same form, fit and function and guaranteeing free of cost replacement if offered part is found unsuitable during fitment or working.
- x. In order to enable tender being decided without any delay, please give proper justification of annual price increase as compared with the last purchase rates. In case rates quoted against the tender are appearing in any price list, the reference to page No. and year of price list may also be quoted.
- xi. No import is permissible from Israel and similarly offer of goods of Israel origin from any country will not be considered.

- xii. **The Manufacturer/supplier must indicate through a certificate in the bid that offered rates by them are reasonable and are comparable and not higher than the normal export prices on world-wide basis.**
- xiii. In case of acceptance of offer, bidders are required to shoulder the responsibility for cancellation at their cost and consequential loss of any sort incurred by Pakistan Railways in case of failure to execute the Purchase Order.
- xiv. The bidders should give the following information failing which their offer will liable to be ignored:-
- Terms of delivery.
 - Country of origin item wise.
 - Name of manufacturer and principals.
 - Time for shipment.
 - Port of shipment.
 - Bank details of manufacturer.

9. LIQUIDATED DAMAGES CHARGES (L.D. CHARGES)

The time given for delivery/dispatch of stores shall be counted from the date of establishment of irrevocable letter of credit in case of items published on FOB basis and from the date of placement of purchase order in the case of items purchased on FOR basis. The rate and time of delivery/dispatch stipulated in the purchase order shall deem to be the essence of the contract. If contractor fails to deliver the stores within the time prescribed in the P/Order, the Purchaser shall be entitled to withhold payment until whole of the stores has been supplied and to recover from the Contractor liquidated damages charges (LD Charges) a sum of ½ % (0.05) of the price of stores, up to a Max of 10% which the contractor has failed to delivered for each and every week or a part of a week during which the delivery or dispatch of such stores may be in arrears.

Upon 60 days after expiry of delivery period, the contract may be terminated with forfeiture of 5% security money.

Alternatively at the option of the purchaser, the purchaser shall be entitled to purchase elsewhere on the account and risk of the contractor the stores or any consignment thereof which the contractor has failed to deliver or dispatch as aforesaid or if not available the best and nearest available substitute there for or to cancel the contract and the contractor shall be liable for any loss or damage which the purchaser may sustain by reason of such failure on the part of the contractor.

The supply of stores shall be governed by the "Standard Direction to Tenderers for Sales to the Railway" and the conditions referred to above are supplement to and not in supersession of the standard directions.

Pakistan Railways shall be entitled to appropriate the payment of any amount due to the Pakistan Railways by supplier in respect of any contract or any money.

A copy of the "Standard Direction to Tenderers for Sale to the Railway" may be obtained from the Chief Controller of Purchase, Pakistan Railways on payment.

10. SHIPPING CONDITIONS

- a) Please submit your quotation on the basis of C. F. R. Karachi giving break-up of the same showing F.O.B. Value, Freight and Commission, etc., separately, supported with "freight charges certificate" for Pakistan Railways, material issued by PNSC Karachi. Such certificate may be obtained from the following addresses:

Karachi Address:

PNSC Building, Maulvi Tamiz-ud-Din Road, P.O. Box No. 5350, Karachi

Phone No: 021-99204054, 99204027

Lahore Address:

PNSC Regional representative at Lahore

Phone No: 042-35757028 Fax No. 042-35710225

The bidders should give complete information such as total F.O.B. value, weight and measurement of the package(s) for freight assessments. etc., by the PNSC, Karachi.

- b) For offers from countries where PNSC is unable to lift the Cargo, "Inability Certificate" may be obtained by the Tenderers from PNSC Office, and attach the same with the freight charges in the quotation based on shipping lines other than PNSC. The Certificate will enable Pakistan Railways to obtain N.O.C. from "Standing Freight Committee" for the shipment through Shipping Lines other than PNSC.
- c) The comparative evaluation of the offers will be done on C. F. R. Karachi basis but the Purchase Order shall be placed on F.O.B. basis with the restriction to ship material through PNSC vessels only on freight-to-pay basis which will be paid by District Controller of Stores (Shipping), Pakistan Railways, Reti line, Karachi Cantt.
- d) No F.O.B. contract will be finalized on ex-works terms as movement of goods from Factory/Warehouse to port of shipment is on account of the seller.
- e) If the shipment is to take place from a port other than supplier's own national port then contract must have with the approval of competent authority, full postal address, Fax No., etc., of actual shipper at the port of shipment. In case due to urgency it is not possible to have this information provided in the contract then supplier will be responsible to contact PNSC's port agent giving contract No. and cargo details 30 days prior to Cargo's readiness.
- f) For Eastern European land locked countries like Hungary, Czechoslovakia, Austria, Switzerland, etc., it is preferred that German port, viz., Hamburg/Bremen be specified for shipping Goods to Pakistan as PNSC Cargo ship frequently touch these ports.
- g) The suppliers should give at least 30 days notice to the PNSC Agents in that port of loading about Cargo readiness so that there is no difficulty in booking space in the next available ship.

- h) Full set of "On Board" clean Bill of Lading evidencing shipment of goods per vessels belonging to or chartered by M/s. Pakistan National Shipping Corporation Ltd., Karachi showing the amount of freight on "to-pay-basis" at destination by the consignee shall be made out duly endorsed in favour of District Controller of Stores/Shipping, P.R., Karachi Cantt. along with other shipping documents and the marking required, and not to order of the bank.
- l) **The Finance Bill 2016-17 has increased the fine on the importers in case the invoice is not available in the container/ packages or pin with the consignment to Rs. 50,000/- from earlier Rs. 5000/- according to the amendment in section 156 of Custom Act- 1969 if any person / party contravenes the requirement of placement of invoice and packing list inside the import container / package or consignment, such person / party shall be liable to a penalty of Rs. 50,000/-. Moreover, if a person / party make an untrue declaration relating to goods such person including the custodian / consignee, clearing agent and inland carrier shall be liable to penalty twice of the value of the goods and upon conviction by a Special Judge be further liable to higher penalty and imprisonment for a term of 5 years. And the goods in respect of which such offence has been committed shall also be confiscated.**

11. WARRANTY CONDITIONS FOR IMPORTED ITEMS

- a) The manufacturer warrants that materials will **BRAND NEW** and in accordance with the particulars mentioned in this tender enquiry and free from defects in material and workmanship.
- b) The Manufacturer's obligation under the warranties shall be limited to replacement on Delivery Duty Paid (DDP) at Karachi Cantt. Free of cost stores which at the time of receipt by the consignee or under normal use and at the time of maintenance proved defective in material or workmanship or fail to comply with the required performance in the normal course of service. The warranty shall be valid for a period of **24 months** from the date of receipt/shipment or **18 months** from the date of placement in service, whichever comes earlier.

Note:- The Warranty Period for long life parts like all type of Axles, Wheels, Traction Motors, Traction Motor Armatures, Diesel Engine Crank Shafts etc will be 42 months from the date of shipment or 36 months from the date of placement in service whichever comes earlier.

12. CONDITIONS FOR QUOTATIONS SUBMITTED ON F.O.R. BASIS

- (a) Only computer/Machined typed documents will be entertained.**
- (b) Only LP approved manufacturers/firms for local items are allowed to participate in Diesel Bulletins as detailed in Para 8.
- (c) The F.O.R. rates are to be quoted with free delivery to Storespura, Lahore or Pakistan Railways Stores Depot, Karachi Cantt inclusive of all Government Taxes/Duties and all other charges. The rate quoted shall be firm and final and not subject to any variation whatsoever. In case of any increase or decrease in Government Taxes/Duties no increase/decrease in rate shall be permissible. Clause 22 (a) of P.R.S. Conditions of Contract shall be come applicable only if complete break-up of the rate quoted is called for and accepted by the Pakistan Railways.
- (d) Bidders should note that only one rate and one place of delivery should be quoted against an item in the tender. Any discount offered conditionally will be treated as if two rates have been quoted. In case of non-observance of any of these provisions the offer can be ignored without making any back reference.
- (e) Firms are required to quote shortest delivery period but not more than 4 months.
- (f) The local firms who are approved as LP for certain items of D.E Loco Spares while quoting against Tender Enquiry should invariably give reference of their approval and enclose photo copy of the same with their quotation.
- (g) Sale of goods against this tender shall be subject to the production of proof of registration with sales tax department under Sale Tax Act, 1990. Bids without sales tax registration No. will be ignored.

13. WARRANTY CONDITIONS (for LOCAL ITEMS)

- (i) The seller/manufacturer warrants that the stores will be in accordance with the particulars mentioned in the Purchase Order.
- (ii) The seller/manufacturer warrants that the stores will be **BRAND NEW** and free from defects in material & workmanship.
- (iii) The seller's/manufacturer's obligation under the warranties expressed in sub-paragraphs (i) & (ii) above shall be limited to replacement F.O.R. Storespura, Lahore free of cost stores which at the time of receipt by the consignee or under normal use and maintenance prove defective in material/workmanship or fails to comply with the required performance in the normal course of service. This warranty shall be valid for a period of **24 months** from the date of receipt of material or **18 months** from the date of placement in service, whichever is earlier.
- (iv) The Purchaser would be entitled to retain 5% security deposit in the Purchase Order until

expiry of the warranty period or until receipt of satisfactory completion/performance report from consumer whichever is earlier.

- (v) This warranty shall be in addition to the normal inspection.

14. WARRANTY REPLACEMENT AND SHORT SHIPPED MATERIAL

In case of warranty replacement, when the intimation of defective parts or consignment has been made to the supplier or his local agent within the warranty period, or in case of making good the shortage the Custom Duty, Sales Tax and Sea or Air Freight will be recovered from the supplier or his local agent. In case of receipt of such goods under same purchase order or any other purchase order, the proportional CD & ST and Freight shall be evaluated by the DCOS/S/KC.

The appeal against the proportional amount worked out by DCOS/S/KC shall lie with the Dy. CCS/KC and his decision in this regard will be final.

However, if the amount involved as intimated by Pakistan Railways is not deposited by the supplier or his local agent within 60 days from the date of issue of letter, the Railways will be at liberty to deduct the same amount from any payment of firm due from Railways or through encashment of Bank Guarantee/CDR or any other financial documents available with Railways against security deposit, earnest money etc.

15. LOCAL AGENT

It is not obligatory for a foreign firm to have a local agent. Tender can be submitted directly. Where a local agent exists/is appointed he should be bound by the conditions of this clause.

- i. Local agent must possess Power of Attorney issued in accordance with Law for signing/executing of contract/opening of letter of credit on behalf of the foreign principal duly authenticated by Embassy of Pakistan.
- ii. Local agent shall not only confine themselves to submitting/ progressing/securing of tenders and obtaining clarification from the contractors. **Local agents shall be responsible for the fulfillment of the contract according to specification and requirement. They shall be liable to legal action besides being debarred/black listed in the event the contracts are frustrated due to the fault of the contractor (principal/manufacture) that they represent.**
- iii. Local Agents shall be held responsible in the event the irrevocable banker's guarantee bonds for Earnest Money/Performance Bond/Security Deposit Bond are not encashed on demand of the Purchaser. Local Agent shall, therefore exercise great caution in representing the contractor (principal/manufacture) and they shall satisfy themselves with regard to his financial status, experience, reputation, performance etc.

- iv. Commission in non convertible Pak Currency at the rate of exchange prevailing on the date of opening of tender shall be payable to local agent only on successful completion of the entire contract and under no circumstances part payment shall be made. This also includes supply of goods, services rendered, installation and commissioning of the plants as a whole to full working conditions. The satisfactory completion of the contract shall be certified by the consumer. Commission shall not be payable on conditional certificate. The local agent shall submit bill for commission within six months of the issue of the certificate (or Receipt Certificate applicable to contract for goods) failing which his claim shall not be entertained.
- v. **The local representative of foreign suppliers will be responsible for all liabilities in case of failure to execute the contract.**

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

The bidders are required to provide certificate duly signed and stamped, if the value exceed Rs. 10.000 million, as reproduced below.

“The seller/supplier hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of Pakistan) through any contract business practice.

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

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

The Seller/Supplier accept full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to Government of Pakistan under any law, contract or other instrument, be avoidable at the option of Government of Pakistan.

Notwithstanding any rights any remedies exercised by Government of Pakistan in this regard, **The Seller/Supplier** agrees to indemnify Government of Pakistan for any loss or damage incurred by it own account of its corrupt business practices and further pay compensation to Government of Pakistan in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by, **The Seller/Supplier** as aforesaid for the purpose of obtaining or including the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever from Government of Pakistan."

17. PACKING CONDITIONS

- i. The imported consignment must be securely packed with standard export packing/adequate protection against attack by seawater and also to withstand rough handling during sea-rail/road transit.
- ii. The supplier is required to ensure correct packing/shipment of the material strictly in accordance with the packing list/invoice failing which they will be responsible for consequential extra/additional duties and charges on that account.
- iii. **Containerized FCL Cargo:** The documents shall be placed on the inner side of the door of container, in case of multiple containers in a consignment; each container shall have such documents pertaining to goods inside it.
- iv. **Consolidated cargo and LCL Cargo:** The documents shall be attached to the goods or package at an obvious place. Each such container shall also have a consolidated packing list pertaining to goods inside it, placed on the inner side of the door of container.
- v. **Break bulk or bulk Cargo: (Concerning with the export only):** The documents will be furnished to custom by the carrier on entry of conveyance into custom area.
All export cargo entered into Custom area for clearance shall be accompanied with a copy of packing list, invoice and in case of containerized cargo, a consignment note. The carrier will furnish these documents to customs at the time of pass in of goods for export.
Liability of placing such documents vests with the owner of goods as well as on the carrier. The owner of goods and the carrier will explicitly stipulate the requirement of placing documents in the manner prescribed above as an obligatory condition to the person packing or shipping the cargo.

18. MARKING

Purchase Order Number, date as well as letters "P.R" in large capitals should be printed on the package and packing slips enclosed giving Purchase Order No & Date with description of material.

19. SHIPPING DOCUMENTS

- i. The suppliers shall air mail through any established documents carrying agency, 3 sets of complete non-negotiable shipping documents, immediately after shipment direct to District Controller of Stores (Shipping) Pakistan Railways, Reti Line Karachi Cantt. (Port Consigned) i.e. 2 sets by first airmail and one set by next airmail. The supplier shall ensure that the above documents have been delivered at least 10 days before arrival of vessel carrying the goods. The suppliers shall also send FAX intimation of the shipping documents to District Controller of Stores/ Shipping , Karachi Cantt at FAX No. 0092-21-99206134 (Inviting attention of

DCOS/Shipping, KC) and to the Chief Controller of Purchase at FAX No. 0092-42-99201760 & 99203022 (Inviting attention of C.C.P).

One set of shipping documents would comprise the following:

- a) Non negotiable copy of bill of lading (10 copies) evidencing shipment to Container Freight Section/KC basis.
 - b) Invoice (16 copies duly signed and stamped by the principals of the suppliers 10 copies for assessment and accountability by custom authorities and 6 copies for DCOS/Shipping/KC).
 - c) Packing list (10 Copies).
 - d) Inspection Certificate (where required).
 - e) Insurance Policy/ Certificate (where required).
 - f) Warranty Certificate of O.E.M./manufacturer/authorized principal of manufacturer.
 - g) Literature/ Brochure/ Catalogue (3 copies) showing use and function of the material for the purpose of assessment of the Bill of Entry and their accountability at Customs House, Karachi.(where required)
 - h) Certificate of Origin.
 - i) Freight Receipt (where required).
 - j) Any other special documents required in the contract.
 - k) A copy of the LC/Amended LC will be given by the supplier to DCOS/Shipping/KC in advance.
- ii. In the event of delay in receipt of shipping documents by the District Controller of Stores (Shipping) P.R. Karachi Cant, the seller shall be responsible for any additional demurrage, handling charges or other charges arising from the late delivery.
 - iii. Letters "P.R", Purchase Order No, Date and description of material shall be printed in large capital words on the packages and packing slips enclosed.
 - iv. In case of C.I.F/ Karachi quotations where material has not been insured by the seller, in the vent of general average being payable, the amount will be recovered from the supplier's bill.
 - v. The Railways will be responsible for customs and port charges on accepted quantity only and not on the invoiced quantity.
 - vi. "CY-CFS" (Container Yard- Container Freight Section) or "FCL-LCL" (Full container Load – Less Container Load) besides, a copy of Letter of Credit (LC) be sent along with shipping documents to DCOS/Shipping/KC for clearance purpose.
 - vii. **Cargo Declaration:** In the sub-chapter, unless there is anything repugnant in the subject or context:-
 - viii. "Owner" means importer in case of import cargo and exporter in case export cargo.
 - ix. "Carrier" means shipping line or shipping agent filling the Import General Manifest (IGM) to Customs in case of import cargo and transporter bringing export cargo to Custom area in case of export cargo.
 - x. "FCL Cargo" means Full container load.
 - xi. "LCL Cargo" means less than container load.
 - xii. "Consignment Note" means a document issued by the shipper in case of FCL Cargo or the person packing the container in case of consolidated cargo in the format given below:-

CONSIGNMENT NOTE		
		Date
Custom CRN or Custom Machine Number	Container No.	Seal No.
<p><u>Certificate</u> I/we hereby certify that goods mentioned in the accompanied packing list have been placed inside the container and the container has been sealed by me/us.</p> <p style="text-align: right;">Name & Signature of Shipper/ Consolidator with Stamp.</p>		

GENERAL TERMS AND CONDITIONS

1. SINGLE STAGE – TWO ENVELOPES PROCEDURE (PPRA-2004)

Each bid shall comprise two envelopes containing Technical and Financial proposal. All bids received shall be opened and evaluated in the manner prescribed in the bidding documents.

2. REJECTION OF BIDS

- a) The Chief Controller of Purchase (Procuring Agency) may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The grounds for rejection of all bids or proposals may be communicated to a bidder upon written request. (*procuring agency is not required to justify the grounds of rejection*)
- b) The procuring agency shall incur no liability, solely by virtue of its invoking sub rule (a) above towards suppliers or contractors who have submitted bids or proposals.

3. SPECIFICATIONS

Goods/services offered shall be brand new according to the specifications, description and requirements of Pakistan Railways. Bidder shall therefore take full care while quoting against an item and must have understood Railway's Specifications/Requirements given in the description before submitting bid.

In accordance with PPRA Rule-10, specification shall govern the supply of goods/services therefore no sample shall be called/accepted for evaluation of the bid. However in the case of paper, cloth and certain specific items etc. bidder can examine stock/ standard sample to understand/comprehend Railway requirement in respect of feel, finish & shade only before submitting bid. Bidders desirous to see/examine sample shall contact Senior Scale Officers of Store Depot/ Consuming Branch in this regard. Senior Scale Officers of Purchase Branch shall coordinate.

4. DELIVERY PERIOD

- a. The suppliers are bound to offer minimum delivery period/date of shipment for **FOB** items maximum up to **6 months** except for special items which is accepted by PR.
- b. The delivery period for local items and **FOR** items shall be maximum up to **four (4) months** except in cases where high volumes are involved, delivery schedules can be provided.

5. **PAYMENT on FOB basis**

100% FOB value of the order shall be paid to the Manufacturer/OEM only through a confirmed and irrevocable Letter of Credit (to be opened by the Purchaser). However, in some special cases, the letter of Credit will be opened in the name of Authorized Principal of Manufacturer only on the recommendation of Tender Committee after certain confirmations. The letter of credit shall not normally require confirmation by a Foreign Bank. However, if confirmation is considered / required, the confirmation charges will be on supplier's account.

6. **PAYMENT on FOR basis**

100% payment will be made to the seller in Pak Rupees by the Senior Accounts Officer/ Stores, Pakistan Railways, Headquarters Office Lahore on presentation of bill accompanied with Material Receipt Note to be issued by the District Controller of Purchase/Inspection, Pakistan Railways, Storespura, Lahore/Reti Line Karachi Cantt after the material has been received, inspected and accepted by him as well as by the consumer.

7. **INSPECTION OF MATERIAL**

Inspection of the material will be carried out by District Controller of Purchase (Inspection), Pakistan Railways, Moghalpura or District Controller of Purchase (Inspection), Pakistan Railways, Reti Line Karachi Cantt. as per the purchase order clause. The material will have to be delivered by the supplier with his own arrangements and expenses. **(FOR basis only)**

8. **INTEGRITY PACT**

Procurements exceeding Rs. 10 Million shall be subject to integrity pact as per Annexure – VII which must be duly signed by the supplier while submitting quotation.

9. **Misc. GENERAL CONDITIONS**

- i. TENDER BULLETIN WILL BE FINALIZED AS PER PPRA RULES 2004 updated from time to time.
- ii. If payment is desired by a successful bidder through a letter of credit, it shall not normally require any confirmation by a supplier's bank. However, if confirmation is considered necessary by the supplier, the confirmation charges shall be on supplier's account. **(FOB basis only)**
- iii. The bidders are informed that offers would be compared on CFR basis, but the purchase orders shall be placed on FOB basis, with restriction to ship material through vessels owned or chartered by PNSC only on "Freight to Pay" basis which would be paid by DCOS/Shipping Karachi in Pakistani currency on arrival of vessel at Karachi port. The firm shall enclose PNSC certificate regarding sea freight for railway material failing which their offer may be ignored. **(FOB basis only)**
- iv. The supplier should state a single definite port of shipment. **(FOB basis only)**
- v. Contractors are required to quote for full tendered quantity. Quantity variation by the contractors will make the offer liable to be ignored.

- vi. P.R has the right to decrease the quantity of the tendered item as per requirement at the time of tender committee with the consent of lowest responsive bidder.
- vii. The bidders must supply / furnish the following documents/information along with technical proposal. **(FOB basis only)**
 - a. PNSC's Freight Certificate for Railway material.
 - b. Authority letter (in original) from the Principal/manufacturer in favor of the bidder to quote against this tender.
 - c. Warranty Certificate (in original) from the manufacturer.
 - d. Authority letter (in original) from the manufacturer in favor of the Principal to quote against this tender.
 - e. Warranty Certificate (in terms of performance warranty indicated in the specification, if any) (in original) from the manufacturer.
 - f. Port of shipment.
 - g. Date of shipment.
 - h. Weight, Volume and dimensions and other details of the consignment/ shipment
- viii. Only GST and Income Tax Registered Firms/ bidders are eligible to take part in this tender.
- ix. Bidders are required to submit Warranty as per specimen attached for Local as well as imported material.
- x. If it is a gazette holiday on any of the above fixed opening dates, the next working day will be considered as opening date.
- xi. The Bidders are required to submit the proof that they have deposited the subscription of diesel bulletin; otherwise their offer can be ignored.

PAKISTAN RAILWAYS
CHIEF CONTROLLER OF PURCHASE PAKISTAN RAILWAYS HEADQUARTERS OFFICE LAHORE
TECHNICAL PROPOSAL

COMPETITIVE BIDDING

Opening Date	Opening Date of Financial Proposal		
<p>1. Your Bid/Tender shall be submitted in accordance with Single Stage – Two Envelopes Procedure of Public Procurement Rules-2004 (PPRA-2004) where under the bid shall comprise: i) A Single Package (duly sealed) containing “TECHNICAL/FINANCIAL PROPOSAL”. ii) Your bid prepared accordingly, should be submitted in a sealed cover super scribed Tender No _____ Opening Date _____ and addressed to the Chief Controller of Purchase, Pakistan Railways, Headquarters Office Lahore so as to reach this office on or before 09.30 A.M on _____. Tender will be opened publicly later, on the same date, at 10.30 A.M in the Visitors’ Room of Chief Controller of Purchase Office.</p> <p>2. i) I/We Tender and accept and abide by Public Procurement Rules-2004 (As amended to date) copy of which is in my possession.</p> <p>ii) I/We further accept and abide by Pakistan Railways Standard Directions to Tenderers for sales to the Railways and Pakistan Railways Standard conditions of contract (A-3-90) (Current Edition), copies of which are in my/our possession. However, any condition/direction contained therein, lying in conflict with PPRA-2004 shall have no effect to the extent it is in conflict and Public Procurement Rules shall prevail.</p> <p>iii) We have read and understood general as well as special conditions of this tender and hereby undertake to abide by them fully and unconditionally.</p>	1	Name of Bidder	
	2	Postal Address	
	3	Office Address	
	4	Works/Factory Address	
	5	Telephone No	
	6	Mobile No.	
	7	Fax No	
	8	E. Mail	
	9	Web Site	
	10	Name of Contact	
	11	Sales Tax Registration No	
	12	National Tax No	
	13	CCP’s Registration No (if registered)	
			NOTE. Bidders must provide the above information.

N. B. CCP’s Procedure Office Orders/Instructions shall be applicable on this tender/consequent Purchase Order.

3. BID SECURITY (EARNEST MONEY)

i) We are un-registered firm and have attached/submitted herewith bid security of Rs. _____, Financial instrument No. _____ dated: _____ Issuing Bank _____ . Type of financial instrument _____ .

OR

We are registered with CCP office under Registration No. _____ having valid standing security.

ii) I/We will not claim any interest on bid security while it is in your custody and which shall be returned to me/us if my/our tender is not accepted.

iii) **I/We understand that if:**

a. I/We fail to make the security deposits as mentioned in clause-3 of Pakistan Railways Standard Conditions of Contract No. (A-3-90) within 14 days after written acceptance of tender is communicated to me/us.

b. I/We fail to accept the purchase order containing terms and conditions of the contract within seven days after being called upon to do so.

iv) Such failure shall constitute a breach of the contract and purchaser shall be entitled to cancel the purchase order with forfeiture of bid/security deposit.

v) I/We further understand that it is not open to me/us to withdraw or modify the offer made by me/us after opening of the tender and before the expiry of the tender validity period, as indicated by me/us against clause (ix) below, exception to the later being only those modifications which are acceptable to the Railway.

vi) I/We further agree to comply with all orders placed on me/us by the Pakistan Railway after written notice of acceptance of my/our tender has been posted to me/us and the purchase order so placed shall be governed by all the terms and conditions of the contract.

vii) Any amount recoverable from me/us in addition to the standing security deposited already with the Pakistan Railways may be deducted from any amount lying at my/our credit, or the same will be remitted by me/us in cash on demand.

viii) I/We accept to abide by all the tender conditions enclosed with this tender.

ix) The quotations hold good for Ninety (90) days after the due date of tender opening. I/We further agree that an acceptance issued by letter, fax or messenger within this validity period would be bidding on me/us regardless of the date of its actual receipt by me/us.

CERTIFICATE REGARDING CONFIRMATION OF PAKISTAN RAILWAYS SPECIFICATIONS/ REQUIREMENTS

I/We hereby confirm that we have read the specifications/requirements/description of the goods/services floated/mentioned in this tender and after having understood them fully, undertake as under:

- To supply goods/service exactly as per Railways Specification/ Requirement/ Description of this tender.
- Those goods will be Brand New.

N.B. Evaluation Report/Result shall be announced by exhibiting it on the Notice Board of C.C.P office at least 10 days prior to award of Procurement Contract, as per bid evaluation criteria enclosed herewith (which is an integral part of the bidding documents).

Signature -----

Name of Signatory-----

Stamp & Date -----

Tender Enquiry No.: _____ Opening Date: _____

(FOR/FOB Basis)

TECHNICAL PROPOSAL (CB)

Enquiry No	Item No	S/Code No.	Description of Goods/ Service	Cat. No.	Qty	Unit	Delivery Terms	Delivery Period/ Schedule	Country of Origin	Brand and Manufacturers Name Note: Brand offered must conform to Specification/Particulars give in Column-3 & 4
1	2		4	5	6	7	8	9	10	11

Signature -----

Name of Signatory-----

Stamp & Date -----

BID EVALUATION CRITERIA (FOR/FOB)

All the bids shall be evaluated as per following criteria in line with Rule 23(2) of the Public Procurement Rues 2004.

1. Criteria for technical evaluation shall be technical suitability/acceptability of the bid. It shall be based on reliability and durability of the offered item, performance record of the previous supply, approval of the Chief Mechanical Engineer/Loco (pre-qualification) after successful test & trial. Any supplier/firm claiming to be equivalent will have to provide proof for the same in terms of certificates and performance reports etc.
2. Offer by firm other than OEM, or not approved by OEM, or not prequalified/approved by Chief Mechanical Engineer/Loco PR Head Quarter Lahore for item, after successful test & trial may lead to disqualification of bid.
3. Purchase Order/Contract will be awarded to the first lowest responsive bidder.
4. Detailed check list is attached as Annex-V.

CHECK LIST FOR BID EVALUATION (FOR/FOB)

	Tender Enquiry No.	Opening Date	
S. No.	CRITERION	YES/ NO	REMARKS
1	2	3	4
1	Has the bidder attached/enclosed bid security valuing Rs. _____ (correct in all respects as per para-7) as stipulated in this tender? (along with Technical Proposal for un-registered firms only)		
2	Has the bidder confirmed Railway Specifications / Requirements/ Descriptions as stipulated in this tender?		
3	Is the bid validity according to the tender clause i.e., Ninety (90) days from the date of opening of tender?		
4	Has the bidder confirmed delivery period / schedule as stipulated in this tender?		
5	Has the bidder confirmed delivery terms of the tender?		
6	Has the bidder confirmed single place of delivery as stipulated in this tender?		
7	Is the offer un-conditional?		
8	Has the bidder indicated country of origin? Goods of Israeli origin are not acceptable. (Indicate name of country in the remarks column)		
9	Has the bidder indicated the name of manufacturer?		
10	Has the bidder indicated brand name?		

11	Has the bidder indicated its Sales Tax Registration Number?		
12	Has the bidder indicated its National Tax Number?		
13	Has the bidder indicated Registration Number of its being registered with CCPs Office? (only in the case of firms registered with CCP)		
14	Is the bid computer/Machined typed?		
15	Is the bid free from overwriting, erasing and corrections?		
16	Is the offer complete?		
17	Has the bidder furnished PNSCs Freight Certificate for Railway material?		For FOB bids only, write NA in column – 3 in case of FOR.
18	Has the bidder indicated weight, volume and dimensions of the consignment?		For FOB bids only, write NA in column – 3 in case of FOR.
19	Has the bidder attached Proforma invoice (in original) of both their Manufacturer/Principal?		For FOB bids only, write NA in column – 3 in case of FOR.
20	Has the bidder attached authority letter (in original) from their Manufacturer/Principal in favor of the bidder to quote against this tender?		For FOB bids only, write NA in column – 3 in case of FOR.
21	Has the bidder attached warranty certificate (in original) from the Manufacturer?		For FOB bids only, write NA in column – 3 in case of FOR.
22	Has the bidder submitted authority letter from the manufacturer in favor of the Principal to quote against this tender?		For FOB bids only, write NA in column – 3 in case of FOR.
23	Is the bid from OEM or local agent of OEM or in case of local material has the bidder attached LP declared letter from CME/Loco for supply the same		

24	Has the bidder quoted for full quantity? (However, variation in quantity on account of standard packing shall be permissible)		
25	Does the bid contain complete bidding documents (Prescribed) i.e. having all the pages of prescribed/duly approved bidding documents and which are duly filled, signed and stamped (N.B:- Literature, Annexure, letters etc attached with the prescribed documents must be duly stamped and signed by the bidder(s).		

NOTE: I/We hereby confirm that i/we have read and understood fully the Evaluation Criteria for this tender.

Name of Signatory-----

Stamp & Date -----

PAKISTAN RAILWAYS
CHIEF CONTROLLER OF PURCHASE PAKISTAN RAILWAYS HEADQUARTERS OFFICE LAHORE
FINANCIAL PROPOSAL
(FOR/FOB BASIS)

TENDER ENQUIRY NO-----

OPENING DATE -----

Name of Bidder		Name of the Contact Person	
Postal Address			
Office Address			
Works/Factory Address			
Telephone No.		Mobile No.	
Fax No.		E. Mail	
Web Site		National Tax No.	
Sales Tax Registration No.		CCP's Registration No (if registered)	

COMPETITIVE BIDDING

Enq: No	Item No	Stock Code No.	Description of Goods/Services	Cat: No	Qty	Unit	Unit Rate in Figures	Unit Rate in words	Total Amount (Rs)
	1	2	3	4	5	6	7	8	9

Name & Signature: -----

Stamp & Date: -----

INTEGRITY PACT

Declaration of Fees, Commission & brokerage etc: Payable by the suppliers of goods, Services & Works in Contract worth Rs. 10 Millions or more

Contract No.: _____ Dated _____
Contract Value: _____
Contract Title: _____

_____ [*Name of Supplier*] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative sub-division or agency thereof or any other entity owned or controlled by Government of Pakistan through any corrupt business practice.

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

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

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

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

Buyer

Seller / Supplier

WARRANTY CERTIFICATE FOR IMPORTED ITEMS

This should be on the following proforma:

WARRANTY CERTIFICATE

Pakistan Railways Tender Enquiry No. _____ Item No. _____

- (i) **The manufacturer** warrants that material will be in accordance with the particulars mentioned in this Tender Enquiry.
- (ii) **The manufacturer** warrants that material will be free from defects in material and workmanship.
- (iii) **The manufacturer** certifies that the material will be Brand New.
- (iv) **The manufacturer's** obligation under the warranties expressed, in sub-paragraphs (i) & (ii) above shall be limited to replacement F.O.R. Karachi Cantt. Free of cost stores which at the time of receipt by the consignee or under normal use and at the time of maintenance prove defective in material or fail to comply with the required performance in the normal course of service. The warranty shall be valid, for a period of **24 months** from the date of receipt/shipment or **18 months** from the date of placement in service, whichever comes earlier. *(except for certain items mentioned in clause 11).*
- (v) The Purchaser would be entitled to retain 5% security in the shape of any banking instrument submitted by the seller/supplier until expiry of the warranty period.
- (vi) This warranty shall be in addition to the normal inspection.

Name of Signatory
(Manufacturer)-----

Stamp & Date -----

WARRANTY CERTIFICATE FOR LOCAL ITEMS

This should be on the following proforma:

WARRANTY CERTIFICATE

Pakistan Railways Tender Enquiry No. _____ Item No. _____

- (i) The manufacturer/seller warrants that material will be in accordance with the particulars mentioned in this Tender Enquiry.
- (ii) The manufacturer/seller warrants that material will be free from defects in material and workmanship.
- (iii) The manufacturer/seller’s obligation under the warranties expressed, in sub-paragraphs (i) & (ii) above shall be limited to replacement F.O.R. Karachi Cantt. Free of costs, stores which at the time of receipt by the consignee or under normal use and at the time of maintenance prove defective in material or fail to comply with the required performance in the normal course of service. The warranty shall be valid, for a period of **15 months** from the date of receipt/shipment or **12 months** from the date of placement in service, whichever comes earlier.
- (iv) The Purchaser would be entitled to retain 5% security deposit of the Purchase Order value out of supplier’s standing security until expiry of the warranty period.
- (v) This warranty shall be in addition to the normal inspection.

Name of Signatory-----

Stamp & Date -----

SPECIMEN FORM OF GUARANTEE BOND FOR BID SECURITY

The Chief Controller of Purchase,
Pakistan Railways,
Headquarters Office, Lahore.

In consideration of your having waived the deposit by M/s _____ of Rs. _____ as Bid Security (earnest money) which they are required to make with their tender against your tender enquiry No. _____ due on _____ for the supply of _____. We hereby undertake on behalf of the said firm to pay on demand the sum of Rs. _____ in case they subsequently withdraw or modify their offer after the tender is opened and before expiry of the validity period. In case their tender is accepted by you and they failed to make the security deposit as mentioned in clause 3 of the Pakistan Railways, Standard Conditions of the Contract (No. A-3-90) within fourteen days after written acceptance of tender has been communicated to them or fail to accept the order containing terms and conditions of the contract within seven days after being called upon to do so, such a failure shall constitute a breach of the contract and you shall be entitled to purchase the stores elsewhere at their risk and expenses, which we hereby undertake to indemnify on behalf of the said firm up to the extent of the aforesaid amount in part payment of the total additional expenditure incurred by the Railway administration on account of repurchase without any question or objection. We further agree to pay the aforesaid amount on demand at any stage the currency of this guarantee for adjustment against payment due to you from the said firm.

This guarantee is valid up to _____ (Here fill in the date, which should not be less than 24 months from the issue of this Guarantee Bond)

Signature _____

Name _____

Full Address _____

Telephone/ Fax No. _____

G. S. T No. _____

Note: THE GUARANTEE MUST BE FROM A SCHEDULE BANK ON NON-JUDICIAL STAMP PAPER OF REQUISITE VALUE.

TENDER OPENING SCHEDULE OF SPECIAL DIESEL BULLETIN
No.18

ENQUIRY NO.	OPENING DATE
SPL-18-01 TO SPL-18-10	28-11-2016 (Mon)
SPL-18-11 TO SPL-18-20	29-11-2016 (Tue)
SPL-18-21 TO SPL-18-30	30-11-2016 (Wed)
SPL-18-31 TO SPL-18-40	01-12-2016 (Thu)
SPL-18-41 TO SPL-18-50	03-12-2016 (Sat)
SPL-18-51 TO SPL-18-60	05-12-2016 (Mon)
SPL-18-61 TO SPL-18-72	06-12-2016 (Tue)

Note:- The opening schedule of Financial Bids will be announced later on.

NOTE:

- Bidders can also download tender bulletin from PR website www.pakrail.com subject to depositing cost of tender Rs. 5000/- with CCP office, PR Head quarters office, Lahore by obtaining cash receipt , attach photocopy of the same along with their offer(s) & to be dropped in tender box of CCP office, PR Head quarters office, Lahore.*

Bidders are advised to submit the bids complete in all respect to avoid any kind of back references.

SPECIAL DIESEL BULLETIN NO 18

Enq: No.	Item No.	S.Code No.	Description	Part No:	DRP No.	Qty	Page/ Ref No.
Spl18-1	1	133-12150	Vulkolan Ring	4x0138	PB30020-006	40	2
	2	133-12310	Chain	4x0150	PB30020-006	18	15
	3	133-12320	Lock Pin	4x0151	PB30020-006	30	16
	4	133-12710	Bolt	4X0214	PB30020-004	100	33
	5	133-12810	Primary Spring End Axle	4X0224	PB30020-005	40	4
Spl18-2	1	133-15520	Indication Light	4X0463	PB12416-010	9	43
	2	133-15600	Brake Cyl: Gauge	4x0471	PB12416-010	5	66
	3	133-15610	Pressure Gauge- MAR	4x0472	PB12416-010	10	65
	4	133-21300	Propulsion Rectifier Unit	4X1421	PB15507-002	18	8
	5	133-23830	Screw hex 1/2" (Air Comp: Pipe Line)	3x8256	PB25101-019	100	39
Spl18-3	1	134-31600	O- Ring 1/2"	524612	3231	150	28
	2	134-48110	Metallic kit- Brake Valve with Off Set Handle Consisting of 19 Items		PB25360-003C	12 Kits	
	3	134-48120	Metalic kit- SA-9 Handle Consisting of 14 items		PB25360-003C	12 Kits	
	4	134-49750	Gasket Air Brake	560009	3207/6P7	120	7
	5	135- Spl	Control Power Filter (CPF)	4X1487	PB-11800-093	3	177
Spl18-4	1	135-10360	Gauge Fuel Oil Pressure Digital	84A211314ABP2	PB12416-010	5	64
	2	135-12700	MSP Sentry Panel	17FL243L2	PB-11802-009	1	53
	3	135-12780	MTP Panel	17FL245F2	PB-11802-009	1	22
	4	135-12860	Flashover Detection Panel	17FM577A2	PB11907-003	4	22
	5	135-13030	Card 1197 (CD)	17FD1197D1	PB-73284-013	1	42
Spl18-5	1	135-13160	Controller- Master	17KC108E10 17KC108E3	PB12906-003A	2	1
	2	135-13220	Card 1320(FD)	17FD1320A2	PB-73286-026	8	55
	3	135-13260	Card 1347 (FV)	17FD1347A1	PB-73284-013	2	41
	4	135-13300	Card 1427 (AD)	17FD1427A1	PB-73284-013	2	46

	5	135-13310	Card 1429(MP)	17FD1429A1	PB-73286-026	4	54
Spl18-6	1	135-13370	Card 1547 (PR)	17FD1547A1	PB-73286-026	2	56
	2	135-13450	Card 1443 (REC)	17FD1443B1	PB-73283-007A	5	8
	3	135-13460	Card 1525 (TR)	17FD1525A3	PB-73283-007A	5	7
	4	135-13470	Card 1562 (RF)	17FD1562A1	PB-73286-026	5	61
	5	135-Spl	Sliding Window (Sash)	84D204567P110	PB11637-026A	24	1
Spl18-7	1	135-Spl	PCB Card No.19 (EXC-AUX-CAB Controller)	17FE171	PB11801-003	12	25
	2	135-Spl	PCB Card # 20 (EXC-AUX Controller)	17FE138	PB11801-003	10	24
	3	135-Spl	PCB Card # 20 (Cab Controller)	17FE133	PB11801-003	6	23
	4	135-Spl	Plug Diesel Eng Speed	41A296326AFP3 3EGK350183			
	5	135-Spl	Panel (Indication)	17FM369A8	PB-11802-009	3	54
Spl18-8	1	135-Spl	Braking Transfer Switch(BKT)	17GP26B2	PB-14903-030	1	7
	2	135-Spl	Interlock for Power Contactor	17AF20B25S	PB-65701-014A	30	1
	3	135-Spl	Grid Protection Panel (GPP)	17FM519D1	PB11802-009	3	55
	4	135-Spl	Resistor Panel (R-75)	8867566G1	PB-11802-009	10	39
	5	135-Spl	Relay	17LV66J10	PB-11802-009	5	8
Spl18-9	1	136-14550	Pressure cap	41B517789P1	PB16531-008A	6	54
	2	136-14600	Gauge	41A304638ABP1	PB-12417-005	10	PI/4
	3	136-16010	Sight glass	41B545993G21	PB16531-008A	6	58
	4	136-18770	Bearing Cap 15.250	41B537825-P1	PB32010-009	40	18
	5	136-19250	Gasket 4½"	41C624988P17	PB-15700-017	100	1A
Spl18-10	1	133-12660	Locking Nut M-24	4x0209		540	
	2	136-19260	Gasket 6" Vic Victaulic	41C624988P11	PB-16402-017	20	20A
	3	136-19370	Current Transformer	41A296320AMP1	Drg.3EG471733A 100	4	
	4	136-19440	Commutator- Crank Case Motor 1/3 HP	425B317AAP8	GEG30093	20	32
	5	136-33530	Blower Motor SGY 19T1	5GY19T1	PB14425	3	3
Spl18-11	1	136-Spl	Gear 102 teeth for T/Alternator- RGE-20	41C633061P1	PB40020-001A	3	96

	2	174-Spl	Solid Gear 112 Teeth	41B530146P1		5	
	3	174-Spl	Solid Gear 81 Teeth	84C620978P1		5	
	4	136-Spl	Engine Control Switch (AGE-30)	84A201850P4	PB11908-001	3	25
	5	136-Spl	Adopter 1/4" OD Pipe 1/4 ID Brass	41A250158P1	PB11802-012	20	90
Spl18-12	1	136-Spl	Flexible Air Duct (Engine air intake)	41A202118P1	PB16604-011	24	21
	2	136-Spl	Clamp(Engine air intake)	41A210603P9	PB17411-050	30	1
	3	136-Spl	1 Plug KR 44(Governor Amphenol)	41A274645P1	Not mention in DRP	5	
	4	136-Spl	Resistor panel (RGE-20)	41A278804G2	PB-11802-009	5	60
	5	136-Spl	Contactora	17CM53E10A	PB65000-24C	6	1
Spl18-13	1	136-Spl	Resistor Main Field Clipper	41A274104G1	3EGK350398 PB11908-004	10	327
	2	136-Spl	Electronic Control Device	4X1417	PB-20047-010	2	300
	3	136-Spl	Diesel Engine Speed (DSS Sensor)	41A222817P1	3EGK350382	10	
	4	136-Spl	Power Contactora	17CP2BC3	PB-65200-009A	12	1
	5	136-Spl	Reverser	17DP26B1	PB-65310-002B	2	1
Spl18-14	1	136-Spl	Ball bearing T/Alternator	8864950P290	PB-40011-006	6	80
	2	136-Spl	Pinion 47 teeth for Aux Generator	41B530145P1	PB-40110-004-A	6	4
	3	136-Spl	Engine Governor Overhauling Kit	150x1136-1	Nil	20	
	4	136-Spl	Brush Holder	41B530658G1	PB-42010-001D	24	59
	5	136-Spl	Cable Assy	41A235230G3	PB-42010-001D	18	75
Spl18-15	1	136-Spl	Cable Assy	41A235230G4	PB-42010-001D	12	76
	2	136-Spl	Field Coil for T/Alternator	41C632724G3	PB40020-001A	10	22
	3	136-Spl	Ring for T/Alternator	41A231141P1	PB40020-001A	10	82
	4	136-Spl	Ring for T/Alternator	41A233800P1	PB40020-001A	10	85
	5	136-Spl	Brush Holder Assy	41C636837G1	PB-16649-000	10	11
Spl18-16	1	138-36290	Ball Bearing	8864950P135	PB41001-004	10	6
	2	143-11710	Connecting Rod Assy	2170017-1	1682B/20258	12	9/P2
	3	146-20490	Auxiliary Contactora CKR	15934111	Index 214	5	
	4	147-19240	Header To Support Tube	16394016-1	14036C/14295A	54	6
	5	148-15850	V. Belt B72	1673143	PB17411-047	100	4

Spl18-17	1	149-10030	Snubber Spring	1760015-1	4288B	100	11
	2	149-10060	Absorber Shock	1760018	3815	12	
	3	149-13060	Oil Seal	182171	14899D	9	327
	4	149-14260	Diaphragm (big)	1390-153	14899D	12	166A
	5	169-23750	Roots Blower L/Side	8369677	F185	5	1
Spl18-18	1	169-23800	Roots Blower R/Side	8069492 8369676	F185	5	1
	2	169-23980	Link Assy	8070027	A115	30	1
	3	169-24760	Valve Assy	8077201	F134	4	1
	4	169-25960	Slinger oil	8081363	F162	10	12
	5	169-26000	Flange Coupling	8081367	F162	10	16/P1
Spl18-19	1	169-36550	Drive Shaft	8149696	D166	3	
	2	169-37690	Clamp Exhaust chamber	8158870	F172	4	06/P35
	3	169-49960	Valve Assy	8235782	F166	2	92/P3
	4	169-52690	Oil Seal	8434196 8327049	F185	30	11/P3
	5	174-13330	Coupling To Hub	114X1105-4 114X1218	PB-92116-004F	10	49
Spl18-20	1	174-14060	Oil Ring 2.750"OD	115X1185-3	PB93342-001A	90	2
	2	174-14640	Governor drive	114x1237	PB96010-003	2	1
	3	174-18300	Plunger	136X2009-1	PB97001-001F	6	417
	4	174-18390	Valve By Pass	136X2262	PB97001-001F	6	113
	5	174-20250	Connecting Rod Master	117X1062	PB93502-002B	30	11
Spl18-21	1	174-20470	Vibration Damper	119X1006-4	PB92116-004	6	42
	2	174-20740	Hub gear drive	119X1079-1	PB92116-0016	1	43
	3	174-20760	Crank shaft Nitride 12 Cylinder-RGE-20/24	119X1112-1	PB91012-013	4	76
	4	174-20780	Crank Shaft- 16 Cylinder AGE-30	119X1116-1 119X1088	PB91016-001B	2	79
	5	174-20830	Retainer	121X1001	PB93105-001E	30	29
Spl18-22	1	174-21040	Lock Plate	121X1039-1	PB93105-001F	30	77

	2	174-21060	Adopter	121x1216	PB93105-001F	30	24
	3	174-21110	Plug Compression Release	121x1169	PB93105-001F	30	30
	4	174-21870	Shim 1.28mm	123X1113	PB93302-A	10	4N
	5	174-22440	Umbrella Fuel Pump Tappet Rod	124X1015-4	PB93105-001F	90	49
Spl18-23	1	174-22720	Cross Head With Bearing- Roller &Pin	124X1058-6/5	PB93105-001F	10	25
	2	174-23710	Turbine Inlet Casing	126X1877	PB94346-003D	2	4
	3	174-28730	Bearing	132X1261	PB93105-001F	15	73
	4	174-29310	Gear pump drive	135x1059-2	PB92112-013	3	44
	5	174-29410	Drive Shaft	136X1043	PB97001-001g	6	5
Spl18-24	1	174-31460	Fuel Line (HP Tube)	140X1826-1	PB93105-001F	30	33
	2	174-31560	Fuel Fitting (Banjo)	140x2293-4	PB93105-001F	18	112
	3	176-38560	Bearing Cap 15.720	41B537823-P1	PB32010-009	54	4
	4	176-38580	Bearing Housing	41B537824-P2	PB32010-009	30	15
	5	176-38820	Coupling 4x5"	41B548215APP3	PB-15700-016	18	5
Spl18-25	1	176-38930	Transducer COPS	41B566207G9	PB96600-012A	10	10
	2	176-38960	Pressure Sensor	41B566207G10	PB73100-003	6	38
	3	176-40640	Filter element /Air cleaner plastic	41E901373G2	PB16408-002A	100	14
	4	176-48170	Valve globe 1.5"	499A924AEP8	PB15700-019	20	20
	5	176-48210	Hose with fitting train pipe (Air brake)	499A929AEP13	PB25210-006	100	1
Spl18-26	1	176-72170	Ball Bearing	8864950P289	PB16019-002	20	3
	2	179- Spl	10 Kw Aux Generator	5553414	B3705E1	2	1
	3	179-12270	Ball Bearing Blower Shaft	903310	C1210E	10	78/P2
	4	179-12300	Ball Bearing Flange Side	903313	C1210E	10	36/P1
	5	179-12630	Ball Bearing Spiral G/End	954540	C1210E	10	38/P1
Spl18-27	1	179-16640	Fuse 30AMP	8004548	4923E	12	2
	2	179-23510	Bushing lube oil pump	8039667	F139	18	10/P1
	3	179-23540	Bushing lube oil pump	8039669	F139	10	12/P1
	4	179-24800	Bushing lever	8055322	A113	36	5/P1
	5	179-28220	Drive Assy Aux: Gen	8084664	F162	4	1/P1
Spl18-28	1	179-29990	Clutch Assy fan drive	8103853	C1210E	2	117/P3

	2	179-31270	Retainer Bearing T/Generator	8120765	B3310E	6	P1/31
	3	179-33350	Fuel Pump Assy	8152343	C4110E PI	2	2/P1
	4	179-36160	Lube oil strainer	8156776	F136	1	1/P1
	5	179-36390	Rotor seal	8190533	1210E	15	83/P2
Spl18-29	1	179-36670	Coupling Assy	8190570	1210E	2	24/P6
	2	179-38960	Gasket kit camshaft drive housing	9580699	F199	15	9-P2
	3	179-39450	Lube oil line R/Bank	8224551	F134	10	1/P15
	4	179-40370	Cam Shaft Bearing	8237900	F130	36	16/P1
	5	179-42230	Bearing Shell upper cam shaft	8253825	F130	40	17/P1
Spl18-30	1	179-43220	Gasket kit over speed	9580706	F199	15	04/P2
	2	179-44340	Clip spring	8270009	C4511E	10	5/P9
	3	179-44670	RE 34-35 250 ohm	8273096	B6914E	10	12/P1
	4	179-45480	Coupling Assy Flexible	8277955	C1200/E	6	20/P4
	5	179-45700	RE 37 10 ohm	8281258	B3243E	4	P20/22
	6	179-46260	RE 36 1500 ohm	8289930	C3243E	4	P20/21
Spl18-31	1	179-48900	Interpol assy(includes coil) for D-25 T/Gen	8308451	C3310E	4	P4/23
	2	179-51440	Lube oil bypass valve	8330693	D513E	1	30/P5
	3	179-52370	Washer plain 2-7/16 OD	8336210	F124	60	8/P1
	4	179-54440	Seal- O-Ring	8342588	F159	60	38/P24
	5	179-56690	Filter Assy Oil Bath	8356190	E178	20	1/P2
Spl18-32	1	179-57450	Relay (COR)	8361775	D3243E	2	40/P15
	2	179-60010	Oil seal	8381138	C1210E	3	25/P1
	3	179-60970	Resistor Panel RE-1	8389653	B6914E	2	P5/13
	4	179-61520	Head cover top deck	8487963 8395609	F154	4	1/P1
	5	179-61750	Ammeter Load	8396908	4322	4	29/P1
Spl18-33	1	179-61820	RE 5-11 2000 ohm.	8398604	B6914E	4	25/P1
	2	179-62060	Wheel assy Aux:-blower	8403147	C3610E	4	22
	3	179-66880	Receptacle Assy	8460061	F166	2	175/P39

	4	179-68540	Hose Assy	8491460	F159	10	5/P4
	5	179-68840	Plate Center Wear	9088859	A1505E	60	18
Spl18-34	1	179-Spl	Power contactor parallel	8334912	C5405E	6	P1/1
	2	181-15420	Hub Cover	NBR3376003	AA371203	6	3
	3	181-15430	Out Side Shaft	NBR3376004	AA371204	10	4
	4	181-18710	Packing	S779-809-A	ZC131	60 Set	17
	5	181-19090	Ball Bearing (6306)	SL0963-1-4	A4808	10	4
Spl18-35	1	181-19600	V-Belt	T794-342-A	C21	80	34
	2	181-27500	Housing	3B101629-1	AA1201	4	11
	3	181-27530	Housing	3B101630-1	AA1201	1	12
	4	181-28630	V-Belt	3C200638M	A4800L/19	90	19
	5	181-33130	Printed circuit board (BVC-2)	3D437254A	BB07C10	6	10
Spl18-36	1	181-33360	Printed circuit board (PSC-3)	3D437649A	BB07C11	6	11
	2	181-37620	Stop valve 3/4"	3C203072D/6165660A	A771007	15	7
	3	181-Spl	E.F Contactor	3D439279E	BC19	4	0
	4	181-31890	Relay 12 Volt	3D402092D	BE07BA2	6	
	5	184-18530	V-Pully	ST-3637-1-04	AA4814-4	2	4
Spl18-37	1	184-21950	Low Tension Auxiliary Resistor	3B411683A	BG38	1	0
	2	184-21980	Relay Panel Assembly	3B411806A	BF11	1	0
	3	184-22130	Rubber cushion	3C104581A	AA344007	20	7
	4	184-22210	V-Belt	3C200638Z	AA480030	150	30
	5	184-22820	V-Belt C82	3C202319B	AA480128	200	28
Spl18-38	1	184-22830	V-Belt B81	3C202319C	AA480031	50	31
	2	184-23620	Air Pressure Switch	3C439770E	AA8261	4	11
	3	133-14170	Buffer Assy	4x0349	PB17352-001	6	2
	4	133-23790	Renewal Contact Kit- 3Pole	3x6044/84D702766P3	PB16201-018	30 Sets	8
	5	136-19350	U-Tube- Bare RGE-24	41D736076P9	PB-32010-013	24	7
Spl18-39	1	139-17530	Thrust Bearing- Alco	1161394	2607A/54599	100	
	2	139-17560	Roller Bearing- Alco	1161413	2607A/16	60	
	3	174-15210	Dip Stick	114x1191-1	PB92116-004E/98	15	

	4	174-28660	Gasket- FIP	132x1687	PB93342-001A/27A	50	
	5	174-34910	Spring- Fuel Linkage	146x1101	PB3105-001F/64	60	
	6	169-13870	Collar Thrust STD	8028006	F-118/P3	4	8
	7	169-16810	Slinger Oil	8031949	F-126/P4	10	2
Spl18-40	1	169-51500	Cam Shaft Left Bank	8274790	F-128/P3	9	1
	2	169-51520	Cam Shaft Right Bank	8274791	F-128/P3	9	2
	3	179-11340	Screw carrier Plate	179882	C3915- R9- P1	300	
	4	179-12870	Spring Brush	1861785	F125- 41/P4	30	
	5	179-12950	Seal Ring Shaft Driver	1921805/1894643	F125- R91/P5	20	
Spl18-41	1	179-12960	"O" Ring Shaft Lever	1914373/1894642	125- R92- P5	20	
	2	179-13060	Gasket	1933111	F125- R80/P5	30	
	3	179-13150	Spring	1948521	F125- R99/P5	20	
	4	179-16560	Bearing Assembly	8004475	3317E- R-22/P2	3	
	5	179-22080	Pump Body Rear	8029458	F-138- R9- P1	8	
Spl18-42	1	179-22110	Pump Body Front	8029459	F-138- R11- P1	8	
	2	179-22790	Nut Gear Case bolt	8032750	A1505E28- R105-P3	150	
	3	179-30410	Connector Clasp Half car body Thimble	8109922	3913E. P7- R143	72	
	4	179-31450	Bolt Keeper Pin	8120852	1505- R114- P3	150	
	5	179-46620	Spring	8291928	F-134- R4- P9	10	
Spl18-43	1	179-47060	Filter Assembly	8292129	F166 R240 P40	10	
	2	179-47100	Lube oil Pressure relief Valve Assy	8292205	F-134- R2- P9	4	
	3	179-47480	Battery Charging Meter	8295501	3244E R4/P46	10	
	4	179-47980	Shim Axle Cap	8478477 8300067	C3913E- R25- P5	300	
	5	179-49010	Gasket Expansion	8309214/ 9572294	F172/P5	40	22
Spl18-44	1	179-49940	Gear Assembly	8320057	F-138- R23- P2	8	
	2	179-49970	Gear Assembly	8320058	D-138-R27-P3	8	
	3	179-50360	Coupling Assembly	8323180	F124/P-6	10	1
	4	179-51260	Slide Switch "GF"	8330133	4322 1A- R8- P1	12	

	5	179-51290	Slide Switch	8330135	4322 A / 4/P1 /R9	12	
Spl18-45	1	179-51770	Resister RE-32	8332380	3244-R31-P37	2	
	2	179-52750	Shaft Assy	8337615	B-175-S-5/140	4	
	3	179-52820	Spring Washer	8337941	C3915- 4/P1	100	
	4	179-53300	Contact	8339355	5426- R11- P5	4	
	5	179-54230	Capacitor 10 MFD	8341282	3244E-R55-P34	10	
Spl18-46	1	179-54350	Gear Assembly Rear	8341918	F-140 19/P1	4	
	2	179-54500	Resister 10	8342706	3244E- P63- R10	5	
	3	179-54800	Ring Assembly Collector	8345866	3317E-60/P3	6	
	4	179-55190	Air Duct Turbo	8347632	E178- 20/P16	6	
	5	179-55430	Bolts Crab Bracket	8348556	E-110/P1	60	8
Spl18-47	1	179-56600	Brush- Load Regulator	8355907	4522- R28- P1	9	
	2	179-56750	Magnet Valve	8356900	4715A R3-P1	2	
	3	179-57170	Jumper Assembly	8358587	B-175-S-5/185	10	
	4	179-57670	PR Relay	8363130	5440-R-1- P3	2	
	5	179-58140	Support Assembly	8366281	B-175-S-5/107	6	
	6	179-58460	Bearing Compressor	8370119	B-175-S-5/38	10	
Spl18-48	1	179-58480	Axle Finished	8370423	1505-E- R63- P2	6	
	2	179-59740	Radiator Fan Assembly	8379212	4123- R-1- P1	3	
	3	179-60560	Rectifier CRGR	8385325	3244E- P34- R47	4	
	4	179-61140	Clutch Assembly	8391681	B-175-S-5	10	
	5	179-61370	Lube Oil Cooler Assembly Core	8393169	C938E-P1-R3	2	
Spl18-49	1	179-61400	Resister RE-63	8393732	3244E- R20 P61	4	
	2	179-61790	Idec Panel Assy	8397747	3244-R13-P61	4	
	3	179-62120	Slide Switch	8330137	4322E R10-P01	10	
	4	179-62180	Seal Bearing Outer	8405527	A3316E 28/P1	5	
	5	179-62190	Seal Bearing Inner	8405528	B3317E-28/P2	4	
Spl18-50	1	179-62200	Kit Capacitor	8405701	B3317E/R-1/P-11	10	
	2	179-62490	Joint	8408987	E-172/P5	6	19
	3	179-62680	Switch	8410838	3244E/12-P46	2	

	4	179-62800	Lube Oil Cooler Assembly	8412061	C938E-P1-R1	1	
	5	179-62880	Holder Assembly D-14/D18	8413188	3317/P3- Ref-50	12	
Spl18-51	1	179-62910	Holder Assembly AR-10	8413189	3317/P3- Ref-47	12	
	2	179-63060	Fuse Link 800 Amp	8414677	3244E-R9-P53	10	
	3	179-63090	Fuse 800 Amp	8414678	C3244- R-8- P53	10	
	4	179-63380	Shroud Ring	8416706	B-175-S-5/44	4	
	5	179-63810	Bridge Diode- Rectifier	8421017	3244E- R41- P41	20	
Spl18-52	1	179-64140	Head Light Resister	8425858	5914-R20/P13	10	
	2	179-64440	Resister RE-16	8429166	3244-R24/P37	6	
	3	179-64780	Cam Plate Clutch	8432575	B-175-S-5/117	8	
	4	179-64830	Circuit Breaker 100 Amp	8433383	3244E- R17- P49	6	
	5	179-64930	Spring Brush Holder	8434285	3317E-48/P2	20	
Spl18-53	1	179-64960	Spring Brush Holder	8434286	3317E-51/P3	20	
	2	183-11840	Sash Assembly Right	U008-455414	335-424-01-00 R-1- P1	10	
	3	183-11850	Sash Assembly Left	U008-455415	335-424-01-00 REF-2- P1	10	
	4	183-28840	Window Pan (Door)	335-423-01-04	335-423-01-00 R-4- P1	20	
	5	183-28950	Front Window Pan ESG8-11	335-426-01-01	335-426-01-00 Ref-1- page1	20	
Spl18-54	1	183-28960	Window Pan- ESG8-11	335-426-01-02	335-426-01-00 R-2- P1	20	
	2	152-15340	Nut 3/4"-10	2151374	4288B	150	16
	3	152-15370	Nut 5/8"-11	21513742	4288B	120	13
	4	152-15550	Nut 7/8"-9	2151378	4287	100	10
	5	184-15900	Bearing Cover C/E	R814-886A	ZC121	10	27
Spl18-55	1	133-12720	Clasp Brake Arrangement	4x0215	PB30020-004/39/P6	100	
	2	133-12800	Extendible Bolt	4x0223	PB30020-005/2	60	
	3	133-14730	Hose Line	4x0394	PB30020-003 Ref 26	70	
	4	133-14850	Elbow Connection	4x0405	PB30020-003/54	40	

	5	133-15150	Bulb 80V- 40W	4x0431	PB11009-003 Ref25/ P5	450	
Spl18-56	1	134-53180	A-9 Automatic Brake Valve	564164	3208-2 Ref 1	4	
	2	135-13740	Ground Relay	17LV59N12	PB76010C	6	2
	3	135-Spl	Cable High Circuit	H8491801	PB85000A	2700	P2
	4	136-18840	Gauge BC-BP	41D77390P7	PB20001-004/ 212	30	
	5	136-33350	Traction Blower Motor	5GDY76K1	PB16671-017	6	1
Spl18-57	1	136-Spl	Lock Plate	84B520204P1	PB30412-021A-	96	0.1
	2	136-Spl	Fuse 160A- 440V	905881		10	
	3	136-Spl	Hub	84D709809P3	PB15250-004/4	10	
	4	139-10990	Cable No 16	9947305ADP7	GEG23100A/P2	12420 Mtrs.	
	5	143-27770	Oil Seal T/E Turbo	4261122/ 4261225-4	14325	10	
Spl18-58	1	149-14250	Diaphragm (Small Bell)	1390-151	14899B Ref 166	20	
	2	155-14530	EOS Micro Switch	2362111	13619J/P-3	10	
	3	168-16610	Ball Bearing Water Pump	908415/908377	F146/33/P2	17	
	4	169-11230	Gasket Injector	5226186/ 9582662	A111/15/P4	20	
	5	169-17020	Nut Lock 7/16-20	8032718	D148/11/P1	150	
Spl18-59	1	169-20350	Screw Adjusting	8052327	A113 Ref 12/P1	60	
	2	169-48460	Seal Oil	8211818	F166/42/P42	30	
	3	179-51410	Contact Post Assy (ST)	8330350/ 40124229	5377-52 P-2	12	
	4	179-53390	Iron Moveable Contact	8339362	C5426-E Ref 34/ P5	12	
	5	179-Spl	Radiator Assy R/Side	8382864/ 9323437	A549-E	10	2/P4
	6	179-Spl	Radiator Assy L/Side	8382863/ 9323439	A549-E	10	1/P4
	7	179-Spl	Coupling 90 dig EL23	8457190	H1801/35	128	
Spl18-60	1	179-Spl	Stop Cock Water Drain	8354277	513E/88/P11	64	
	2	179-Spl	Fuel Tank arrangement (Fuel Tank Fitting Adopter)				

			i) Filler Neck	335-576-01-37	335-576-01-00 Ref 19,21 & 25/P2	14	
			ii) Protection Tube	335-576-01-35		14	
			iii) Tube 133x4	335-576-01-33		14	
	3	179-Spl	Event Recorder/ Train Data Recorder	5.2421.121/01		4	
	4	179-Spl	Duct Flexible	8347632	E181/16/P3	1	
	5	179-Spl	Gauge Pressure Booster	40227270		1	
Spl18-61	1	132-24340	Lamp 6V	GE44	B5914E	300	
	2	133-12290	Fixing Cable	4x0148	PB30020-006	8	
	3	133-12510	Brake Shoe	4x0198	PB30020-004 Ref 2	24	
	4	133-13850	Flex Ball for Hand Brake	4X0317	PB11469-009 Ref-7	20	
	5	133-15090	Speed indicator	4X0425	PB11009-003- Ref.19	16	
Spl18-62	1	133-17630	Hose Line 3/4"	4x0653	PB16408-002A	15	
	2	133-17640	Hose Line 3/8"	4x0654	PB16408-002A	10	
	3	133-18820	LTS Switch	4x0763	PB11908-001 Ref 30	2	
	4	133-20130	Axle Generator power supply	4X1481	PB11800-093 Ref.169	10	
	5	133-20570	Main control unit Q88201/5	41A315829P4/4X1480	PB11800-093 Ref.168	15	
Spl18-63	1	135-12840	DID Panel (AGE-30)	17FM558A2/A3	PB12416-010/Ref23/P-5	4	
	2	135-13110	Card 1304 (SC)	17FD1304A1	PB73284-013- Ref.47	20	
	3	135-13280	Card 1393(PA)	17FD1393B2	PB73284-013- Ref.48	20	
	4	135-14310	Speed Sensor	17MM-102E2	PB31100-002- Ref.114	120	
	5	135-22070	JW Temperature Switch	3594133	A-256/P-5	20	
Spl18-64	1	136-10390	Magnet Valve	41A212869P6	PB25460-006/1A	15	
	2	136-10420	Air Comp Magnet Valve	41A212869P11	PB2000-001A/7	6	
	3	136-14100	Transducer BPT	4x1491/ 41A321341G3	PB11800-003 Ref 181	6	
	4	136-14610	Gauge Lube Oil	41A304641P1	PB12417-005/1/P1	10	
	5	136-14620	Female Connector	41A305090P1	PB17482-012- Ref.2	10	
Spl18-65	1	136-17360	Axle Generator	41C627974P16	PB30412-021- Ref.8	16	

	2	136-Spl	Cable 15ft Long	84A211314 AAP5	PB12416-010/29	20	
	3	136-Spl	Hand Brake Chain	1X1389	PB10203-003/38	60 Ft	
	4	136-Spl	J-Baffle 752 T/Motor	84B515116P1	PB31100-062 Ref 99	9	
	5	136-Spl	Crew Alerter Box	84A211314AAP1	PB11802-012/Ref-11	10	
Spl18-66	1	138-36510	T/Motor Blower Bearing	8864951P-63	PB41001-004/6	6	
	2	148-13510	Rubber Roller (12 Nos. per set RGE-20)	1671607	4281B/Ref-5	30 Sets (360 Nos.	
	3	149-12070	Gauge Vacuum	17910650	528/542/P13	10	
	4	152-30890	'O' Ring Fuel Oil Filter	21542930-1	16172A Ref 7	30	
	5	169-27160	Oil Seal	8344308/ 8083554	D1106E/24P1	60	
Spl18-67	1	181-10030	Ball Bearing 6217	H2027002	AA4809	12	
	2	181-10960	Gasket 3"	M660-519-300	A770021	170	
	3	181-28050	Tray No 3	3B406199A	BB07C/0	3	
	4	181-28970	Air Clutch Assy Element	3C201399-7	A4803	10	
	5	181-29250	Relay	3C-400805-G	BB-23/1	15	
Spl18-68	1	181-29500	Transistor	3C416533A	BB06/A-10	40	
	2	181-30820	Hand Brake Wire Rope	3D-200722-E	A33300/17	30 Ft	
	3	181-31230	Oil Pressure Switch	3D201377A	AA-8261/2	20	
	4	183-20140	Water Temperature Gauge	917689	335-431-01-00/19P-2	20	
	5	183-20160	Water Temperature Sensor	917692	335-572-01-00- Ref-43P3	10	
Spl18-69	1	NS	Sleeve	41A212786P6	PB30412-021A/5	40	
	2	NS	Ammeter	84A213405P1	PB12421-174/11	10	
	3	NS	Gauge Vacuum	20-23677-01	AM102000	10	
	4	186-27270	Gasket	2N-0931	SEBP6793-08/ 132/13862933/1	190	
	5	186-27280	Regulator Water Temp (37 DEG C)	61-4953	SEBP6793-08/ 132/13862933/2	250	
Spl18-70	1	186-27290	Seal	3S-9643	SEBP3023-10/132 9Y9171/1A	370	

	2	186-27300	Gasket	7E6016	SEBP3023-10/132/ 9Y9171/4	126	
	3	186-27310	Gasket	7N-4927	SEBP3023-10/132/ 9Y9171/3	92	
	4	186-27320	Gasket	4W-3100	SEBP3023-10/132/ 9Y9171/9	92	
	5	186-27330	Seal	3J-1907	SEBP6793-08/132/ 13862933/18	64	
	6	186-27340	Regulator Water Temp (92 DEG C)	61-4950/ 248-5513	SEBP3023-10/ 132/9Y9171/2	116	
	7	186-27350	Seal O-Ring	6V9027	SEBP3023- 10/132/9Y9171/11	30	
Spl18-71	1	186-26890	Lube oil Filter = 03 per set ZCU-30	249-2340	358-3086/P68/ Ref-11	400 sets (1200 Nos.)	
	2	179-84350	Cabinet Equipped "AC"	40156645	E-150	2	7-48/68
	3	179-84450	Terminal Board Cage Clamp 30	40142924	E-150	2	7-48/11
	4	179-84470	Terminal Board Large Clamp 30	40136792	E-150	2	7-48/13
	5	179-84620	Circuit Breaker	40164597	E-150	3	7-52/4
	6	179-84630	Circuit Breaker	40164598	E-150	3	7-52/5
Spl18-72	1	179-84640	Test Panel Assembly	40165324	E-150	2	7-52/6
	2	179-84680	Controller	40103106	E-150	2	7-52/11
	3	179-84790	Panel Assembly	40164589	E-150	1	7-56/1
	4	179-84820	Transducer Battery Voltage Sensor 100	40109142	E-150	3	7-56/4
	5	179-84930	Panel Equipped Circuit Breaker	40164597	E-150	1	7-61/0
	6	143-14260	Cylinder Liner- Alco/Hitachi	22110115	14210J-22	200	19/P3
	7	143-15330	Nozzle Tip	22310227-2	1568A/16040	300	9
	8	143-15700	Yoke Air And Exhaust Valve	2231174-2	15383E/12400B	100	13/P2